

1  
00:00:06,019 --> 00:00:13,689  
welcome to the skeptic zone the podcast

2  
00:00:09,109 --> 00:00:13,689  
from Australia for science and reason

3  
00:00:22,059 --> 00:00:28,820  
hello and welcome to the skeptics on

4  
00:00:24,800 --> 00:00:33,920  
episode number 324 for the 4th of

5  
00:00:28,820 --> 00:00:38,000  
January 2015 2015 Richard Saunders here

6  
00:00:33,920 --> 00:00:43,429  
with you from a very hot oh good hot and

7  
00:00:38,000 --> 00:00:45,558  
sticky sweaty humid me moist who is my

8  
00:00:43,429 --> 00:00:48,170  
thesaurus that sort of weather Wow

9  
00:00:45,558 --> 00:00:50,169  
it is a warm one in Sydney but our

10  
00:00:48,170 --> 00:00:53,510  
thoughts go to the people in Adelaide

11  
00:00:50,170 --> 00:00:56,448  
especially in the Adelaide Hills where

12  
00:00:53,509 --> 00:00:58,609  
there are dreadful fires raging and

13  
00:00:56,448 --> 00:01:01,369  
sadly we hear of our loss of property

14  
00:00:58,609 --> 00:01:03,588  
and lots of animals have been perished

15  
00:01:01,369 --> 00:01:06,370  
unfortunately I haven't heard of loss of

16  
00:01:03,588 --> 00:01:09,140  
life but well we'll hope for the best

17  
00:01:06,370 --> 00:01:11,560  
but coming up on this week's episode of

18  
00:01:09,140 --> 00:01:14,689  
the skeptic zone to kick off 2015

19  
00:01:11,560 --> 00:01:17,299  
Maynard Maynard interviews Peter

20  
00:01:14,689 --> 00:01:19,609  
Hadfield who is a really good journalist

21  
00:01:17,299 --> 00:01:23,960  
and what I really love about his work is

22  
00:01:19,609 --> 00:01:29,509  
the videos he puts on YouTube under the

23  
00:01:23,959 --> 00:01:32,328  
handle potholer 54 if you if you're not

24  
00:01:29,509 --> 00:01:35,750  
subscribed on YouTube to pothole of 54 I

25  
00:01:32,328 --> 00:01:37,158  
can really recommend it wonderful I hate

26  
00:01:35,750 --> 00:01:39,769  
to use the word or sometimes I don't

27  
00:01:37,159 --> 00:01:41,990  
hate to use the word debunking videos

28  
00:01:39,769 --> 00:01:45,468  
well sort of debunking looking into the

29

00:01:41,989 --> 00:01:48,140  
issues climate change he looks into and

30  
00:01:45,468 --> 00:01:50,538  
creationism especially really

31  
00:01:48,140 --> 00:01:54,829  
interesting educational stuff he also

32  
00:01:50,539 --> 00:01:57,019  
has the golden Crocodoc award outrageous

33  
00:01:54,828 --> 00:01:59,288  
things like creationism and things like

34  
00:01:57,019 --> 00:02:01,938  
that find out more when Maynard

35  
00:01:59,289 --> 00:02:04,129  
interviews Peter Hadfield coming up to

36  
00:02:01,938 --> 00:02:07,639  
kick off the show and once again this

37  
00:02:04,129 --> 00:02:10,038  
week via the weekend science is taking a

38  
00:02:07,640 --> 00:02:11,659  
break from the Royal Institution of

39  
00:02:10,038 --> 00:02:14,269  
Australia we are certainly looking

40  
00:02:11,659 --> 00:02:15,139  
forward to in week in science kicks off

41  
00:02:14,270 --> 00:02:18,920  
again

42  
00:02:15,139 --> 00:02:21,969  
in the meantime always always visit our

43  
00:02:18,919 --> 00:02:25,309

ia us dot org dot au there are wonderful

44

00:02:21,969 --> 00:02:27,620  
scientific outreach organization and

45

00:02:25,310 --> 00:02:29,900  
they've even got their own channel which

46

00:02:27,620 --> 00:02:32,080  
is really interesting what I mean by

47

00:02:29,900 --> 00:02:34,280  
that is they call it the Australia's

48

00:02:32,080 --> 00:02:38,120  
science chat

49

00:02:34,280 --> 00:02:40,459  
check it out there at RI aus dog dot au

50

00:02:38,120 --> 00:02:41,748  
and as it happens there in Adelaide too

51

00:02:40,459 --> 00:02:43,280  
but they're right in the center of the

52

00:02:41,748 --> 00:02:46,780  
city so I think they're quite safe from

53

00:02:43,280 --> 00:02:50,030  
the fires and then it's Jo alabaster

54

00:02:46,780 --> 00:02:52,459  
evidence please with Jo alabaster Jo is

55

00:02:50,030 --> 00:02:54,609  
going to be telling us about magnets

56

00:02:52,459 --> 00:02:57,889  
magnetic therapy and especially

57

00:02:54,609 --> 00:03:00,609  
concerning a book she bought science

58  
00:02:57,889 --> 00:03:04,609  
book yes science which advocates

59  
00:03:00,609 --> 00:03:07,639  
magnetic therapy yeah and magnetic

60  
00:03:04,609 --> 00:03:11,859  
people magnetic people you should see

61  
00:03:07,639 --> 00:03:16,459  
the picture Jo has posted with them

62  
00:03:11,859 --> 00:03:20,419  
spoons and forks hanging off her body oh

63  
00:03:16,459 --> 00:03:23,019  
boy you can't eat no you can't more

64  
00:03:20,419 --> 00:03:26,030  
about that when Jo alabaster looks at

65  
00:03:23,019 --> 00:03:29,299  
magnets then to round off the show a

66  
00:03:26,030 --> 00:03:32,150  
special little side report from Maynard

67  
00:03:29,299 --> 00:03:35,959  
sort of continuing the theme of Maynard

68  
00:03:32,150 --> 00:03:39,530  
talking to the other side may not visits

69  
00:03:35,959 --> 00:03:44,030  
a psychic fair fest a couple years back

70  
00:03:39,530 --> 00:03:48,370  
now in Newcastle and speaks to psychic

71  
00:03:44,030 --> 00:03:50,658  
with err quotation marks Gary Weisman a

72  
00:03:48,370 --> 00:03:53,959  
little bit of an interesting insight

73  
00:03:50,658 --> 00:03:56,978  
short report to round off the show now

74  
00:03:53,959 --> 00:04:01,579  
an important item appeared in today's

75  
00:03:56,979 --> 00:04:06,229  
Telegraph newspaper with the heading

76  
00:04:01,579 --> 00:04:08,959  
ex-hippies jab at MU mythology by Jane

77  
00:04:06,229 --> 00:04:11,060  
Hansen I won't read out the article

78  
00:04:08,959 --> 00:04:13,188  
today you can find it online now put

79  
00:04:11,060 --> 00:04:15,199  
some links but our good friends at the

80  
00:04:13,188 --> 00:04:18,459  
Northern Rivers vaccination supporters

81  
00:04:15,199 --> 00:04:23,330  
group Heidi Robertson and Allison gala

82  
00:04:18,459 --> 00:04:25,189  
well the story is really about them and

83  
00:04:23,329 --> 00:04:27,168  
how they've sort of set up the Northern

84  
00:04:25,189 --> 00:04:28,218  
Rivers vaccination supporters group and

85  
00:04:27,168 --> 00:04:30,228  
so on and so on

86

00:04:28,218 --> 00:04:35,348  
and boy have they been comping it online

87  
00:04:30,228 --> 00:04:37,908  
from the flying monkeys the anti-vaxxers

88  
00:04:35,348 --> 00:04:40,370  
it's interesting interesting sort of

89  
00:04:37,908 --> 00:04:41,959  
look into psychology too because a lot

90  
00:04:40,370 --> 00:04:45,769  
of people feel very strongly because

91  
00:04:41,959 --> 00:04:47,659  
these two are seen as traitors quislings

92  
00:04:45,769 --> 00:04:50,209  
and there's nothing worse than

93  
00:04:47,660 --> 00:04:53,120  
being branded a traitor to a cause or a

94  
00:04:50,209 --> 00:04:56,269  
movement or a way of thinking being

95  
00:04:53,120 --> 00:04:58,399  
branded a heretic one might say it's

96  
00:04:56,269 --> 00:05:00,829  
psychology it's human nature it's really

97  
00:04:58,399 --> 00:05:03,620  
interesting and of course yes the flying

98  
00:05:00,829 --> 00:05:06,889  
monkeys have come out and been very

99  
00:05:03,620 --> 00:05:09,649  
nasty as they do this is what these

100  
00:05:06,889 --> 00:05:12,860

people are like I think we're going to

101

00:05:09,649 --> 00:05:16,189

be hearing more about this on next

102

00:05:12,860 --> 00:05:17,960

week's episode of the skeptic zone but

103

00:05:16,189 --> 00:05:19,939

just be aware that this is out there as

104

00:05:17,959 --> 00:05:21,889

the story appeared in the newspaper

105

00:05:19,939 --> 00:05:24,860

about the Northern Rivers vaccination

106

00:05:21,889 --> 00:05:27,110

supporters group and them as an aside

107

00:05:24,860 --> 00:05:29,620

what I did recently was I made a special

108

00:05:27,110 --> 00:05:31,970

copy of the vaccination Chronicles DVD

109

00:05:29,620 --> 00:05:34,780

for the Northern Rivers vaccination

110

00:05:31,970 --> 00:05:39,320

supporters a group it's sort of branded

111

00:05:34,779 --> 00:05:41,059

with their logo and their URL and

112

00:05:39,319 --> 00:05:42,980

there's even a special introduction from

113

00:05:41,060 --> 00:05:44,120

me talking about that area of New South

114

00:05:42,980 --> 00:05:47,810

Wales and Northern Rivers

115  
00:05:44,120 --> 00:05:50,899  
I sent them some copies so I hope they

116  
00:05:47,810 --> 00:05:52,819  
they will come in handy and help get the

117  
00:05:50,899 --> 00:05:56,569  
word around and if you want a copy of

118  
00:05:52,819 --> 00:06:08,899  
the vaccination Chronicles DVD I just

119  
00:05:56,569 --> 00:06:12,620  
visit [www.mptv.org](http://www.mptv.org) or sign it

120  
00:06:08,899 --> 00:06:14,449  
post it off the artworks on the DVD

121  
00:06:12,620 --> 00:06:17,540  
itself if you want to print artwork and

122  
00:06:14,449 --> 00:06:20,089  
the idea is that then you are free to

123  
00:06:17,540 --> 00:06:21,650  
make as many copies and give them Y as

124  
00:06:20,089 --> 00:06:23,239  
you wish and all the people you give

125  
00:06:21,649 --> 00:06:24,439  
those copies to are free to make copies

126  
00:06:23,240 --> 00:06:27,860  
and give them away and give them away

127  
00:06:24,439 --> 00:06:33,050  
and make copies check it out at skeptic

128  
00:06:27,860 --> 00:06:34,310  
zone TV oh it's still hot goodness me of

129  
00:06:33,050 --> 00:06:35,810  
course it's all I had to turn off the

130  
00:06:34,310 --> 00:06:38,899  
air conditioning to do the introduction

131  
00:06:35,810 --> 00:06:41,480  
clap alright well I run downstairs and

132  
00:06:38,899 --> 00:06:45,229  
uh you know he you know what I did

133  
00:06:41,480 --> 00:06:49,069  
I went to ebay a few months ago I

134  
00:06:45,230 --> 00:06:53,090  
thought well what can i buy for summer I

135  
00:06:49,069 --> 00:06:56,509  
found jumbo ice cube makers oh what fun

136  
00:06:53,089 --> 00:06:58,750  
I gave some to my nephews and nieces for

137  
00:06:56,509 --> 00:07:00,779  
Christmas and I've got two in the fridge

138  
00:06:58,750 --> 00:07:04,199  
jumbo ice cubes

139  
00:07:00,779 --> 00:07:06,059  
wow they're great this is not an ad for

140  
00:07:04,199 --> 00:07:08,219  
jumbo ice cube makers but if you want to

141  
00:07:06,060 --> 00:07:11,879  
buy one they're on eBay mm-hmm well I

142  
00:07:08,220 --> 00:07:16,220  
run downstairs and munch jumbo ice cubes

143

00:07:11,879 --> 00:07:16,219  
I hope you enjoy the skeptic now

144  
00:07:29,848 --> 00:07:37,079  
here's Maynard spooky action at a

145  
00:07:34,810 --> 00:07:37,079  
distance

146  
00:07:37,939 --> 00:07:41,580  
look I better be pretty careful editing

147  
00:07:40,139 --> 00:07:43,110  
this because I've got Peter Hadfield

148  
00:07:41,579 --> 00:07:44,639  
here who's just been out there telling

149  
00:07:43,110 --> 00:07:46,019  
people that the put people on the bum

150  
00:07:44,639 --> 00:07:47,249  
thing when they do the Edit Peter what

151  
00:07:46,019 --> 00:07:48,538  
do you been out there telling us about

152  
00:07:47,249 --> 00:07:49,830  
journalists mind you I'm not a

153  
00:07:48,538 --> 00:07:52,110  
journalist I'm just some deal with the

154  
00:07:49,829 --> 00:07:54,988  
microphone oh that's the most dangerous

155  
00:07:52,110 --> 00:07:57,119  
seeing a dude with a microphone yeah I

156  
00:07:54,988 --> 00:07:59,068  
mean I think basically to make people

157  
00:07:57,119 --> 00:08:00,989

aware of the fact that television is a

158

00:07:59,069 --> 00:08:02,939

very passive medium so we tend to watch

159

00:08:00,988 --> 00:08:04,768

an interview and it kind of flows over

160

00:08:02,939 --> 00:08:06,569

us and and at the end of you you you

161

00:08:04,769 --> 00:08:09,269

think you heard someone say something

162

00:08:06,569 --> 00:08:12,419

and what I wanted to show with the

163

00:08:09,269 --> 00:08:14,699

editing techniques and in in capable

164

00:08:12,418 --> 00:08:16,769

hands in honest hands you have to edit

165

00:08:14,699 --> 00:08:18,389

out of an hour-long interview you'll

166

00:08:16,769 --> 00:08:19,769

normally get maybe five minutes worth of

167

00:08:18,389 --> 00:08:20,968

good material as opposed to this

168

00:08:19,769 --> 00:08:25,679

interview where you're just getting pure

169

00:08:20,968 --> 00:08:27,629

gold the whole time this is magic so you

170

00:08:25,678 --> 00:08:29,518

have to string these little bits of

171

00:08:27,629 --> 00:08:32,550

quotes together and you can't normally

172  
00:08:29,519 --> 00:08:34,679  
do that on television without making it

173  
00:08:32,549 --> 00:08:36,269  
very obvious because the videotape just

174  
00:08:34,679 --> 00:08:38,728  
won't allow for those kind of cuts

175  
00:08:36,269 --> 00:08:40,709  
without it showing up on the video now

176  
00:08:38,729 --> 00:08:42,658  
what about the old MTV inspired white

177  
00:08:40,708 --> 00:08:44,369  
flash that's always a good anything here

178  
00:08:42,658 --> 00:08:46,740  
yeah well you know I mean there are

179  
00:08:44,370 --> 00:08:48,360  
honest ways of doing it I guess if you

180  
00:08:46,740 --> 00:08:50,100  
if you can make a transition from one

181  
00:08:48,360 --> 00:08:52,919  
part of a court to another so what they

182  
00:08:50,100 --> 00:08:54,750  
tend to do is they mask that edit by

183  
00:08:52,919 --> 00:08:57,479  
having what's called a cutaway now the

184  
00:08:54,750 --> 00:08:59,188  
cutaway is usually if it's a sit-down

185  
00:08:57,480 --> 00:09:02,759  
interview it'll be a clip of the

186  
00:08:59,188 --> 00:09:06,480  
interviewer which is interspersed to

187  
00:09:02,759 --> 00:09:08,068  
mask the audio edit and these kinds of

188  
00:09:06,480 --> 00:09:10,289  
cutaways are so common we tend not to

189  
00:09:08,068 --> 00:09:12,629  
notice them and but what they're

190  
00:09:10,289 --> 00:09:15,149  
essentially doing is cutting down or

191  
00:09:12,629 --> 00:09:17,278  
shrinking or encapsulating the quote

192  
00:09:15,149 --> 00:09:20,250  
from the interviewee which if it's done

193  
00:09:17,278 --> 00:09:22,289  
honestly is fine the problem comes with

194  
00:09:20,250 --> 00:09:24,120  
dishonest and disreputable television

195  
00:09:22,289 --> 00:09:26,188  
programs and I mentioned in my speech

196  
00:09:24,120 --> 00:09:28,289  
the conspiracy theory show on American

197  
00:09:26,188 --> 00:09:30,599  
television now you might be bad-mouthing

198  
00:09:28,289 --> 00:09:32,549  
conspiracy theory but it is no way got

199  
00:09:30,600 --> 00:09:34,439  
the credit ancient aliens agent aliens

200

00:09:32,549 --> 00:09:36,179  
is my show it's got von Daniken on it I

201  
00:09:34,438 --> 00:09:38,688  
would love to see I would like to see

202  
00:09:36,179 --> 00:09:40,888  
ancient aliens see what they make of

203  
00:09:38,688 --> 00:09:42,299  
let's say of an interview with Richard

204  
00:09:40,889 --> 00:09:44,009  
Dawkins that would be fascinating you

205  
00:09:42,299 --> 00:09:45,399  
know they could get him to say just

206  
00:09:44,009 --> 00:09:47,379  
about anything

207  
00:09:45,399 --> 00:09:48,819  
and and you see that's the thing you can

208  
00:09:47,379 --> 00:09:50,830  
get someone to say just about anything

209  
00:09:48,820 --> 00:09:52,270  
and because it's on television you

210  
00:09:50,830 --> 00:09:53,379  
believe it because you're seeing the

211  
00:09:52,269 --> 00:09:55,569  
person actually saying and what do you

212  
00:09:53,379 --> 00:09:56,889  
reckon is the most outrageous use of

213  
00:09:55,570 --> 00:09:59,080  
that you've seen of someone being

214  
00:09:56,889 --> 00:10:01,059

misquoted using editing well I mentioned

215

00:09:59,080 --> 00:10:03,100

in my speech that I think the most

216

00:10:01,059 --> 00:10:05,199

dangerous thing at the moment is the

217

00:10:03,100 --> 00:10:06,700

assault on climate science which is not

218

00:10:05,200 --> 00:10:09,100

just an assault on climate sciences an

219

00:10:06,700 --> 00:10:10,480

assault on geology glaciology all the

220

00:10:09,100 --> 00:10:13,300

other sciences involved in climate

221

00:10:10,480 --> 00:10:15,399

change and this is a concerted media

222

00:10:13,299 --> 00:10:17,588

campaign to discredit these things and

223

00:10:15,399 --> 00:10:20,799

unfortunately they do it using these

224

00:10:17,589 --> 00:10:22,930

kinds of techniques the one that I

225

00:10:20,799 --> 00:10:25,539

mentioned was where they got Ben Santo

226

00:10:22,929 --> 00:10:27,159

who's quite a well-known figure to make

227

00:10:25,539 --> 00:10:30,159

it look as though he was admitting to

228

00:10:27,159 --> 00:10:32,860

have deleted crucial information from an

229  
00:10:30,159 --> 00:10:35,980  
IPCC report which he's denied doing and

230  
00:10:32,860 --> 00:10:37,778  
yet on the conspiracy show they they cut

231  
00:10:35,980 --> 00:10:39,759  
it and edit it in such a way that he

232  
00:10:37,778 --> 00:10:41,409  
seems to be admitting it that is a very

233  
00:10:39,759 --> 00:10:42,970  
dangerous thing of course you've gone

234  
00:10:41,409 --> 00:10:44,379  
head-to-head with Lord Monckton a bit

235  
00:10:42,970 --> 00:10:45,790  
there and him and I do share the whole

236  
00:10:44,379 --> 00:10:47,259  
bug ID thing going on there but he's

237  
00:10:45,789 --> 00:10:48,099  
taken it to an extreme obviously it's

238  
00:10:47,259 --> 00:10:50,200  
there's something going on in the House

239  
00:10:48,100 --> 00:10:51,519  
of Lords water I think and have you gone

240  
00:10:50,200 --> 00:10:53,410  
with him have you met him personally if

241  
00:10:51,519 --> 00:10:56,919  
you guys come to blows yet no

242  
00:10:53,409 --> 00:11:00,639  
unfortunately not he actually wrote

243  
00:10:56,919 --> 00:11:02,528  
something on what's up with that which

244  
00:11:00,639 --> 00:11:05,919  
is a very famous I think the most famous

245  
00:11:02,528 --> 00:11:08,500  
climate denial I don't you like using

246  
00:11:05,919 --> 00:11:12,399  
the word denial it's not a good for me

247  
00:11:08,500 --> 00:11:15,220  
it sort of paints it as like you compare

248  
00:11:12,399 --> 00:11:17,649  
it to the Holocaust and look what I say

249  
00:11:15,220 --> 00:11:21,278  
is you you can't deny something in

250  
00:11:17,649 --> 00:11:24,399  
science okay let me put this another way

251  
00:11:21,278 --> 00:11:27,580  
nothing in science is 100% and therefore

252  
00:11:24,399 --> 00:11:30,458  
to look at people who are critical of a

253  
00:11:27,580 --> 00:11:31,930  
scientific theory as deniers is like

254  
00:11:30,458 --> 00:11:34,269  
they're denying something that is an

255  
00:11:31,929 --> 00:11:35,949  
absolute fact that is undeniable and I

256  
00:11:34,269 --> 00:11:37,929  
don't think science can ever say that we

257

00:11:35,950 --> 00:11:39,970  
can never say that we know 100% that

258  
00:11:37,929 --> 00:11:41,799  
something is true that gets into the

259  
00:11:39,970 --> 00:11:43,360  
realms of religion so I don't like using

260  
00:11:41,799 --> 00:11:45,729  
the word denied but certainly he's one

261  
00:11:43,360 --> 00:11:49,089  
of these people who is as a contrarian

262  
00:11:45,730 --> 00:11:50,800  
and this what's up with that website is

263  
00:11:49,089 --> 00:11:52,660  
the probably number one contrarian

264  
00:11:50,799 --> 00:11:56,539  
website now Lord Monckton went on there

265  
00:11:52,659 --> 00:11:58,789  
and and basically complained about my

266  
00:11:56,539 --> 00:12:00,139  
Moncton Buncombe series which I made

267  
00:11:58,789 --> 00:12:01,519  
which is doesn't you know basically

268  
00:12:00,139 --> 00:12:03,710  
pulling apart everything that he had

269  
00:12:01,519 --> 00:12:05,449  
said unfortunately he made the mistake

270  
00:12:03,710 --> 00:12:07,850  
of not actually watching the videos so

271  
00:12:05,450 --> 00:12:09,740

he was he was attacking a straw man but

272

00:12:07,850 --> 00:12:11,899

that was fantastic because that gave me

273

00:12:09,740 --> 00:12:14,240

the opportunity to write to what's

274

00:12:11,899 --> 00:12:15,919

what's up with that and say well you've

275

00:12:14,240 --> 00:12:19,039

had Lord Monckton on do I have the right

276

00:12:15,919 --> 00:12:21,979

of reply and very begrudging Lee they

277

00:12:19,039 --> 00:12:24,379

allowed the right of reply as so I I

278

00:12:21,980 --> 00:12:26,090

then tore into Lord Monckton and

279

00:12:24,379 --> 00:12:29,120

completely discredited everything he was

280

00:12:26,090 --> 00:12:31,040

saying and Lord Monckton very stupidly

281

00:12:29,120 --> 00:12:34,250

said right I will respond to this

282

00:12:31,039 --> 00:12:35,870

fantastic and and then and then what's

283

00:12:34,250 --> 00:12:38,450

up with that started calling it a debate

284

00:12:35,870 --> 00:12:40,789

so that right we have a debate and then

285

00:12:38,450 --> 00:12:42,470

he never responded I think he read it he

286  
00:12:40,789 --> 00:12:44,719  
saw the videos and he was so worried

287  
00:12:42,470 --> 00:12:46,460  
that he just decided not to respond and

288  
00:12:44,720 --> 00:12:48,290  
we've been trying to get him to respond

289  
00:12:46,460 --> 00:12:51,379  
ever since and what is your best point

290  
00:12:48,289 --> 00:12:53,059  
against what Moncton say oh the most

291  
00:12:51,379 --> 00:12:56,600  
obvious ones I suppose would be the Miss

292  
00:12:53,059 --> 00:13:01,369  
quotes he had a series of quotations

293  
00:12:56,600 --> 00:13:03,139  
from various people and it's so easy I

294  
00:13:01,370 --> 00:13:04,909  
mean with facts it's the you know

295  
00:13:03,139 --> 00:13:06,319  
scientific facts is more difficult you

296  
00:13:04,909 --> 00:13:07,879  
have to go to sources and have to find

297  
00:13:06,320 --> 00:13:09,440  
it but with a quote either you're

298  
00:13:07,879 --> 00:13:11,090  
quoting something correctly or you're

299  
00:13:09,440 --> 00:13:13,100  
not and if you go to the source of the

300  
00:13:11,090 --> 00:13:14,629  
quote and the way that more Lord

301  
00:13:13,100 --> 00:13:16,659  
Monckton portrays the quote and if

302  
00:13:14,629 --> 00:13:20,029  
they're completely different then

303  
00:13:16,659 --> 00:13:22,429  
clearly he's manipulated and and and

304  
00:13:20,029 --> 00:13:23,720  
he's distorted the other thing was there

305  
00:13:22,429 --> 00:13:27,109  
was a paper that he mentioned on

306  
00:13:23,720 --> 00:13:29,300  
Greenland Johanna s'en who's very famous

307  
00:13:27,110 --> 00:13:30,860  
glaciologist who had done something on

308  
00:13:29,299 --> 00:13:32,899  
the melting of the Greenland ice caps

309  
00:13:30,860 --> 00:13:35,930  
and he had looked at the interior of

310  
00:13:32,899 --> 00:13:38,360  
Greenland and and said that the interior

311  
00:13:35,929 --> 00:13:40,129  
is gaining ice but in the paper he said

312  
00:13:38,360 --> 00:13:42,710  
but of course on the coast it's ablating

313  
00:13:40,129 --> 00:13:44,509  
it's it's melting and in fact the

314

00:13:42,710 --> 00:13:47,120  
overall if you look at the balance

315  
00:13:44,509 --> 00:13:49,730  
between the the gain and the middle and

316  
00:13:47,120 --> 00:13:52,789  
the melting at the edge there is a net

317  
00:13:49,730 --> 00:13:54,259  
melting now what what Moncton did was he

318  
00:13:52,789 --> 00:13:57,529  
said so you have to follow this mate

319  
00:13:54,259 --> 00:13:59,269  
what might and did was he took your

320  
00:13:57,529 --> 00:14:01,039  
Andersons paper saying that there was a

321  
00:13:59,269 --> 00:14:03,470  
gain and ice in the interior of

322  
00:14:01,039 --> 00:14:05,269  
Greenland and said therefore Johansen

323  
00:14:03,470 --> 00:14:07,009  
concludes that Greenland is gaining ice

324  
00:14:05,269 --> 00:14:08,088  
which is not the conclusion of the paper

325  
00:14:07,009 --> 00:14:10,048  
at all

326  
00:14:08,089 --> 00:14:11,489  
selectively quoting its selectively

327  
00:14:10,048 --> 00:14:13,499  
quoting and then this effectively what

328  
00:14:11,489 --> 00:14:15,749

he does he cherry-pick sand and he

329

00:14:13,499 --> 00:14:17,730

distorts and and and and it's so easy

330

00:14:15,749 --> 00:14:20,339

the great thing about what Moncton what

331

00:14:17,730 --> 00:14:24,720

I love about him mr. Monckton as I call

332

00:14:20,339 --> 00:14:27,119

him is that he he gives his sources

333

00:14:24,720 --> 00:14:29,249

which is fatal if you're going to try

334

00:14:27,119 --> 00:14:30,689

and discredit science never give your

335

00:14:29,249 --> 00:14:32,489

sources because then all we can do is

336

00:14:30,688 --> 00:14:33,868

look it up and look at it and say well

337

00:14:32,489 --> 00:14:35,249

if you're quoting this paper I'll tell

338

00:14:33,869 --> 00:14:37,769

you what the paper actually says

339

00:14:35,249 --> 00:14:39,569

although most people would give sources

340

00:14:37,769 --> 00:14:40,558

most people don't go bother looking just

341

00:14:39,568 --> 00:14:41,818

people like you they've got a lot of

342

00:14:40,558 --> 00:14:43,318

time on their hands obviously yeah

343  
00:14:41,818 --> 00:14:45,058  
that's right and that's unfortunately

344  
00:14:43,318 --> 00:14:47,969  
the case whether the great thing is but

345  
00:14:45,058 --> 00:14:50,249  
it is easy to debunk if you're a you

346  
00:14:47,970 --> 00:14:52,230  
know a debunker and you want to go check

347  
00:14:50,249 --> 00:14:53,879  
what if you want to go for simple of

348  
00:14:52,230 --> 00:14:55,199  
mistakes like the food babe has been

349  
00:14:53,879 --> 00:14:56,850  
doing recently where she's just been

350  
00:14:55,198 --> 00:15:01,708  
making stuff about the air on aeroplanes

351  
00:14:56,850 --> 00:15:03,089  
with no sources at all she's saying oh

352  
00:15:01,708 --> 00:15:05,008  
you know there's not a hundred percent

353  
00:15:03,089 --> 00:15:06,929  
oxygen on a plane like there is a ground

354  
00:15:05,009 --> 00:15:08,668  
level stuff like that I would not like

355  
00:15:06,928 --> 00:15:11,068  
that I mean what if someone lights up oh

356  
00:15:08,668 --> 00:15:12,958  
yeah well I mean one of the things about

357  
00:15:11,068 --> 00:15:15,269  
creation is is that they will never give

358  
00:15:12,958 --> 00:15:17,479  
a source except joven jóvenes fantastic

359  
00:15:15,269 --> 00:15:20,999  
because Eric not Eric Hovind his dad

360  
00:15:17,480 --> 00:15:22,619  
Kent Hovind will always give sources for

361  
00:15:20,999 --> 00:15:24,480  
his things and and and you can look at

362  
00:15:22,619 --> 00:15:27,959  
them and run my favorite one from Hovind

363  
00:15:24,480 --> 00:15:29,610  
is where he was talking about how the

364  
00:15:27,958 --> 00:15:31,558  
Big Bang Theory works and it says it

365  
00:15:29,610 --> 00:15:33,418  
starts with a little bit of dirt and it

366  
00:15:31,558 --> 00:15:35,909  
swirls around and around and then it

367  
00:15:33,418 --> 00:15:38,578  
condenses and then hydrogen to helium

368  
00:15:35,909 --> 00:15:40,259  
and and I thought no he's not describing

369  
00:15:38,578 --> 00:15:42,448  
and I looked at his source and his

370  
00:15:40,259 --> 00:15:44,459  
source was actually an exercise textbook

371

00:15:42,448 --> 00:15:47,399  
from a school describing the birth of a

372  
00:15:44,458 --> 00:15:50,368  
star and once you know that you think

373  
00:15:47,399 --> 00:15:53,068  
this is like shooting ducks in a barrel

374  
00:15:50,369 --> 00:15:55,379  
it is so easy to knock these guys down

375  
00:15:53,068 --> 00:15:57,149  
and how easy is it to continually make

376  
00:15:55,379 --> 00:15:59,909  
the videos of you on your video channel

377  
00:15:57,149 --> 00:16:02,428  
because you're prolific yeah no I I'm

378  
00:15:59,909 --> 00:16:04,409  
kind of well actually my son is here

379  
00:16:02,428 --> 00:16:05,970  
today and he's one of the reasons why

380  
00:16:04,409 --> 00:16:08,548  
I'm going back to work now because he's

381  
00:16:05,970 --> 00:16:11,489  
old enough to fend for himself and my

382  
00:16:08,548 --> 00:16:13,678  
daughter is now 21 and while I was at

383  
00:16:11,489 --> 00:16:15,569  
home and and not working quite so much

384  
00:16:13,678 --> 00:16:17,009  
and I had time on my hands to do these

385  
00:16:15,568 --> 00:16:18,298

things I've now gone back too late

386

00:16:17,009 --> 00:16:18,930

you're basically driven your son out of

387

00:16:18,298 --> 00:16:20,309

the house

388

00:16:18,929 --> 00:16:23,370

that's what you've done he's out he's

389

00:16:20,309 --> 00:16:24,809

out we've we've you know given him the

390

00:16:23,370 --> 00:16:26,460

keys to the car locked the front door

391

00:16:24,809 --> 00:16:28,409

and you can't go back in that's the way

392

00:16:26,460 --> 00:16:30,389

to do it you've got a you know it's like

393

00:16:28,409 --> 00:16:33,838

tearing off a band-aid a clean it was a

394

00:16:30,389 --> 00:16:35,580

second-hand Mazda what you get approach

395

00:16:33,839 --> 00:16:36,810

that's not too bad it's not too bad but

396

00:16:35,580 --> 00:16:38,670

you could have done a bit better maybe

397

00:16:36,809 --> 00:16:39,869

forget it

398

00:16:38,669 --> 00:16:42,899

giving him a better car he would have

399

00:16:39,870 --> 00:16:44,669

gone earlier he's still at home but he

400  
00:16:42,899 --> 00:16:46,440  
can fend for himself though and and

401  
00:16:44,669 --> 00:16:48,120  
that's the main thing and I I'm now I

402  
00:16:46,440 --> 00:16:49,589  
can go back to work happy knowing that

403  
00:16:48,120 --> 00:16:50,639  
we put the kids through the system and

404  
00:16:49,589 --> 00:16:53,220  
they're old enough now to fend for

405  
00:16:50,639 --> 00:16:54,990  
themselves what fires you up what right

406  
00:16:53,220 --> 00:16:56,750  
I've got to make a youtube video right

407  
00:16:54,990 --> 00:16:59,459  
now what normally makes you fired that

408  
00:16:56,750 --> 00:17:01,200  
there was one that came through the

409  
00:16:59,458 --> 00:17:03,419  
other someone sent me something now I

410  
00:17:01,200 --> 00:17:04,920  
get so many people sending me things and

411  
00:17:03,419 --> 00:17:06,659  
I really don't have time to look at

412  
00:17:04,920 --> 00:17:08,160  
everything unfortunately but this one I

413  
00:17:06,660 --> 00:17:11,250  
happened to click on because I had a few

414  
00:17:08,160 --> 00:17:13,230  
minutes to spare and it was someone

415  
00:17:11,250 --> 00:17:15,328  
called the two preachers who were saying

416  
00:17:13,230 --> 00:17:17,429  
that there's a sign at the end times

417  
00:17:15,328 --> 00:17:19,279  
because they noticed that just down the

418  
00:17:17,429 --> 00:17:22,350  
road from them there was a sinkhole and

419  
00:17:19,279 --> 00:17:24,928  
and they've noticed on YouTube a lot

420  
00:17:22,349 --> 00:17:26,639  
more sinkholes are showing up and this

421  
00:17:24,929 --> 00:17:28,110  
is clearly you know you never heard

422  
00:17:26,640 --> 00:17:31,590  
about these things happening a few years

423  
00:17:28,109 --> 00:17:33,479  
ago clearly this is a yeah may not

424  
00:17:31,589 --> 00:17:36,509  
making a face which is kind of like the

425  
00:17:33,480 --> 00:17:38,730  
face I made when it's like what there's

426  
00:17:36,509 --> 00:17:39,808  
been many famous sinkholes in in US

427  
00:17:38,730 --> 00:17:41,370  
harbors that they've had to shut

428

00:17:39,808 --> 00:17:43,649  
mattresses into over the years you know

429  
00:17:41,369 --> 00:17:44,969  
yeah and in fact I went back and dug out

430  
00:17:43,650 --> 00:17:48,690  
from the scientific literature going

431  
00:17:44,970 --> 00:17:50,970  
back to 1868 the the references to

432  
00:17:48,690 --> 00:17:53,190  
sinkholes and they're not an unknown

433  
00:17:50,970 --> 00:17:54,990  
phenomenon so the fact that these guys

434  
00:17:53,190 --> 00:17:56,100  
have only just woken up to it and

435  
00:17:54,990 --> 00:17:57,299  
they've just heard about it and they

436  
00:17:56,099 --> 00:17:59,669  
admit what we've only just heard about

437  
00:17:57,299 --> 00:18:01,200  
these things must be a sign of the end

438  
00:17:59,670 --> 00:18:03,330  
times I thought this is great that's

439  
00:18:01,200 --> 00:18:06,808  
something that makes people really

440  
00:18:03,329 --> 00:18:08,789  
stupid look stupid I think is is just

441  
00:18:06,808 --> 00:18:10,980  
great I mean if I can put an element of

442  
00:18:08,789 --> 00:18:13,289

humor I love to put humor into the the

443

00:18:10,980 --> 00:18:14,700

videos that I do well I mean oh is it

444

00:18:13,289 --> 00:18:17,839

completely wrong I mean the work of

445

00:18:14,700 --> 00:18:21,509

Taylor Swift is a sign of the end times

446

00:18:17,839 --> 00:18:23,759

she's a goddess I mean you know the new

447

00:18:21,509 --> 00:18:25,619

Mozart but getting getting back to your

448

00:18:23,759 --> 00:18:27,629

question so that's I kind of like cut

449

00:18:25,619 --> 00:18:30,239

down on the videos I did and and I I

450

00:18:27,630 --> 00:18:32,300

haven't made one now for six months the

451

00:18:30,240 --> 00:18:35,670

last one that I did

452

00:18:32,299 --> 00:18:37,649

is the first one I've done in quite a

453

00:18:35,670 --> 00:18:39,870

while it was called how to argue with

454

00:18:37,650 --> 00:18:41,370

our souls and now what's the name of

455

00:18:39,869 --> 00:18:43,979

your channel how do we find it okay it's

456

00:18:41,369 --> 00:18:46,289

called potholder 54 just just put

457  
00:18:43,980 --> 00:18:48,329  
potholder 54 into the search engine in

458  
00:18:46,289 --> 00:18:50,099  
YouTube and you should find me and we

459  
00:18:48,329 --> 00:18:51,359  
should always be have our critical

460  
00:18:50,099 --> 00:18:52,980  
thinking hats on whenever we were

461  
00:18:51,359 --> 00:18:55,109  
watching reading or listening to any

462  
00:18:52,980 --> 00:18:57,809  
media shouldn't we oh absolutely yeah

463  
00:18:55,109 --> 00:18:59,099  
and especially if someone is saying

464  
00:18:57,809 --> 00:19:00,569  
something that is completely out of

465  
00:18:59,099 --> 00:19:02,819  
character because the examples they gave

466  
00:19:00,569 --> 00:19:03,839  
my speech today with scientists who were

467  
00:19:02,819 --> 00:19:06,000  
saying something that was completely

468  
00:19:03,839 --> 00:19:08,730  
different to what they have said before

469  
00:19:06,000 --> 00:19:10,049  
and since and and when you hear that you

470  
00:19:08,730 --> 00:19:12,240  
think well hang on a minute how do they

471  
00:19:10,049 --> 00:19:14,009  
get these guys to say that and now you

472  
00:19:12,240 --> 00:19:15,779  
can look at the television technique the

473  
00:19:14,009 --> 00:19:17,759  
cutaway technique that's used in order

474  
00:19:15,779 --> 00:19:19,079  
to make them say that and I hope that'll

475  
00:19:17,759 --> 00:19:19,799  
make people a little bit more aware of

476  
00:19:19,079 --> 00:19:21,149  
how that's done

477  
00:19:19,799 --> 00:19:22,529  
what do you think of the house style

478  
00:19:21,150 --> 00:19:24,269  
that I've seen a few times I mentioned

479  
00:19:22,529 --> 00:19:25,799  
the white flash that MTV first kind of

480  
00:19:24,269 --> 00:19:28,410  
started with you've actually now seeing

481  
00:19:25,799 --> 00:19:29,669  
jump cuts on Discovery Channel and thing

482  
00:19:28,410 --> 00:19:31,740  
like that they're actually showing jump

483  
00:19:29,670 --> 00:19:35,730  
cuts how do you feel about them being as

484  
00:19:31,740 --> 00:19:37,829  
honest as that yeah it's more honest I

485

00:19:35,730 --> 00:19:40,670  
guess than the cutaway but the the

486  
00:19:37,829 --> 00:19:43,230  
Hancock film that I referenced so if

487  
00:19:40,670 --> 00:19:45,690  
people weren't watching my my speech

488  
00:19:43,230 --> 00:19:47,640  
this was the question for a lost

489  
00:19:45,690 --> 00:19:49,380  
civilization by Graham Hancock it's

490  
00:19:47,640 --> 00:19:51,300  
about 20 years old but it is on YouTube

491  
00:19:49,380 --> 00:19:53,930  
and the one that I was looking at was

492  
00:19:51,299 --> 00:19:56,339  
the on a Gooney monument in in Japan and

493  
00:19:53,930 --> 00:19:58,080  
throughout the dive where these

494  
00:19:56,339 --> 00:20:00,209  
scientists are diving into the water

495  
00:19:58,079 --> 00:20:02,159  
they aren't jumping from one quote to

496  
00:20:00,210 --> 00:20:03,960  
another quote a frame here a frame layer

497  
00:20:02,160 --> 00:20:06,150  
and they're getting error little bits

498  
00:20:03,960 --> 00:20:08,009  
which they put together but I think the

499  
00:20:06,150 --> 00:20:09,540

thing is that you Pro even that even

500

00:20:08,009 --> 00:20:11,460

though there's no cutaway they're making

501

00:20:09,539 --> 00:20:14,099

a coherent quote or apparently a

502

00:20:11,460 --> 00:20:16,170

coherent quote it can still be deceptive

503

00:20:14,099 --> 00:20:17,909

there was actually a bit where Robert

504

00:20:16,170 --> 00:20:20,250

Schoch was coming out of the water and

505

00:20:17,910 --> 00:20:24,029

he said he was gushing about this well

506

00:20:20,250 --> 00:20:25,680

this looks incredible and I said to him

507

00:20:24,029 --> 00:20:27,359

now just at that point they seem to have

508

00:20:25,680 --> 00:20:29,700

cut the film you went on to say

509

00:20:27,359 --> 00:20:31,339

something and he did he said he went on

510

00:20:29,700 --> 00:20:34,289

to say but I don't think this is a

511

00:20:31,339 --> 00:20:35,730

man-made feature they cut that this is

512

00:20:34,289 --> 00:20:38,069

incredible and then they go to Graham

513

00:20:35,730 --> 00:20:39,539

Hancock saying what's more incredible is

514  
00:20:38,069 --> 00:20:40,649  
and and and and of course the whole

515  
00:20:39,539 --> 00:20:42,420  
thing makes you think that these

516  
00:20:40,650 --> 00:20:44,450  
scientists are endorsing what Hancock

517  
00:20:42,420 --> 00:20:46,039  
says and in fact they didn't they do

518  
00:20:44,450 --> 00:20:47,450  
in Dorset at all and of course you

519  
00:20:46,039 --> 00:20:48,649  
shouldn't be more suspicious of one

520  
00:20:47,450 --> 00:20:50,180  
source than another you should be

521  
00:20:48,650 --> 00:20:51,830  
careful with all sources shouldn't you

522  
00:20:50,180 --> 00:20:52,130  
not just like the right-wing leaning

523  
00:20:51,829 --> 00:20:55,189  
ones

524  
00:20:52,130 --> 00:20:56,150  
Oh God yet I don't I don't put politics

525  
00:20:55,190 --> 00:20:58,460  
into this at all

526  
00:20:56,150 --> 00:21:00,259  
I I mean I find it rather insulting to

527  
00:20:58,460 --> 00:21:04,279  
think that conservatives have a monopoly

528  
00:21:00,259 --> 00:21:07,279  
on stupidity I I mean I've I've actually

529  
00:21:04,279 --> 00:21:08,869  
been very critical in my videos of al

530  
00:21:07,279 --> 00:21:12,410  
jazeera for example that once did a

531  
00:21:08,869 --> 00:21:14,239  
story I mean I'm not anti I'm not pro

532  
00:21:12,410 --> 00:21:15,590  
climate science or anti climate science

533  
00:21:14,240 --> 00:21:17,539  
that's not the point the point is

534  
00:21:15,589 --> 00:21:19,970  
accuracy and there was an AI Jazeera

535  
00:21:17,539 --> 00:21:21,859  
program where they had a reporter wading

536  
00:21:19,970 --> 00:21:24,350  
through the water of a an island off the

537  
00:21:21,859 --> 00:21:25,969  
coast of Panama saying the fishermen

538  
00:21:24,349 --> 00:21:27,829  
here say the water used to be down at my

539  
00:21:25,970 --> 00:21:29,269  
ankles 20 years ago now it's up to my

540  
00:21:27,829 --> 00:21:30,740  
waist this is a clear sign that sea

541  
00:21:29,269 --> 00:21:33,049  
levels are rising and I thought hang on

542

00:21:30,740 --> 00:21:34,940  
a minute that's like a meter we're have

543  
00:21:33,049 --> 00:21:36,470  
sea levels been rising a metre we're

544  
00:21:34,940 --> 00:21:39,230  
measuring them in terms of millimeters

545  
00:21:36,470 --> 00:21:41,029  
every year so I checked where she had

546  
00:21:39,230 --> 00:21:44,180  
been and it was an island off the coast

547  
00:21:41,029 --> 00:21:46,639  
of Panama which is on a small crust all

548  
00:21:44,180 --> 00:21:49,039  
played very small one and it's sinking

549  
00:21:46,640 --> 00:21:50,660  
and clearly what's happening is it's not

550  
00:21:49,039 --> 00:21:53,299  
the sea levels rising but the land is

551  
00:21:50,660 --> 00:21:55,880  
sinking ironically she spoke to the very

552  
00:21:53,299 --> 00:21:57,319  
scientist who wrote a paper which talked

553  
00:21:55,880 --> 00:21:59,000  
about this and for some reason she

554  
00:21:57,319 --> 00:22:00,259  
either didn't ask him the question or

555  
00:21:59,000 --> 00:22:02,900  
they didn't have it in when the answer

556  
00:22:00,259 --> 00:22:05,019

that that's the cause this is not a sea

557

00:22:02,900 --> 00:22:07,940

level so she had this gushing report on

558

00:22:05,019 --> 00:22:09,829

sea level rise and how awful it was due

559

00:22:07,940 --> 00:22:11,750

to climate change and it's completely

560

00:22:09,829 --> 00:22:14,389

inaccurate and and I always say to

561

00:22:11,750 --> 00:22:15,650

people who are in you know accepting the

562

00:22:14,390 --> 00:22:18,410

science on climate change don't

563

00:22:15,650 --> 00:22:20,180

exaggerate it don't lie about it don't

564

00:22:18,410 --> 00:22:22,370

try and make it worse than it is because

565

00:22:20,180 --> 00:22:23,360

if you do that if you're caught out then

566

00:22:22,369 --> 00:22:25,219

they're going to think the whole thing

567

00:22:23,359 --> 00:22:27,469

is discredited so you have to be

568

00:22:25,220 --> 00:22:29,839

accurate and whatever you do is there a

569

00:22:27,470 --> 00:22:32,870

website that tracks this kind of thing

570

00:22:29,839 --> 00:22:36,049

generally or not oh look my YouTube

571  
00:22:32,869 --> 00:22:39,799  
channel is the very best way to I I

572  
00:22:36,049 --> 00:22:42,049  
think I've done now 24 25 oh no it's up

573  
00:22:39,799 --> 00:22:44,720  
to 27 now videos on climate science and

574  
00:22:42,049 --> 00:22:46,549  
every single one is looking apart from

575  
00:22:44,720 --> 00:22:47,960  
the ones that deal specifically with the

576  
00:22:46,549 --> 00:22:50,149  
science they're about three videos which

577  
00:22:47,960 --> 00:22:52,309  
just look at the science the evidence

578  
00:22:50,150 --> 00:22:54,350  
for climate change all of the rest of

579  
00:22:52,309 --> 00:22:55,819  
them are basically looking at the myths

580  
00:22:54,349 --> 00:22:57,439  
that are going around the internet that

581  
00:22:55,819 --> 00:23:01,189  
people send me or the ones that

582  
00:22:57,440 --> 00:23:03,110  
I find and but debunking them you know

583  
00:23:01,190 --> 00:23:05,298  
the latest one is that old global

584  
00:23:03,109 --> 00:23:09,349  
warming stopped in 1998 there's another

585  
00:23:05,298 --> 00:23:11,329  
one that says scientists in the 1960s

586  
00:23:09,349 --> 00:23:13,038  
and 70s were predicting an ice age and

587  
00:23:11,329 --> 00:23:14,839  
the other one I like is there's no

588  
00:23:13,038 --> 00:23:16,819  
correlation over the last 500 years

589  
00:23:14,839 --> 00:23:18,528  
million years there was the one that got

590  
00:23:16,819 --> 00:23:20,028  
me is because I remember yes in Time

591  
00:23:18,528 --> 00:23:21,888  
magazine they're predicting an ice age

592  
00:23:20,028 --> 00:23:24,019  
there and then they were not not right

593  
00:23:21,888 --> 00:23:25,788  
at all what went wrong there well what

594  
00:23:24,019 --> 00:23:29,388  
went wrong there is what went wrong with

595  
00:23:25,788 --> 00:23:31,898  
the media I I you know you can't look at

596  
00:23:29,388 --> 00:23:34,758  
the media and say this is scientific

597  
00:23:31,898 --> 00:23:36,109  
Time magazine magazine it must be true

598  
00:23:34,759 --> 00:23:38,360  
well actually Penn & Teller did

599

00:23:36,109 --> 00:23:40,490  
something on this and Penn I said it's

600  
00:23:38,359 --> 00:23:42,138  
in Time magazine to him it must be true

601  
00:23:40,490 --> 00:23:45,259  
and and of course the trouble is that

602  
00:23:42,138 --> 00:23:47,119  
the media do get science hopelessly

603  
00:23:45,259 --> 00:23:49,069  
wrong the last talk I did for the

604  
00:23:47,119 --> 00:23:53,000  
skeptics was on that very subject it was

605  
00:23:49,069 --> 00:23:54,168  
on the the really bad science reporting

606  
00:23:53,000 --> 00:23:55,849  
that's going on because a lot of

607  
00:23:54,169 --> 00:23:57,919  
newspapers and magazines don't have

608  
00:23:55,849 --> 00:23:59,808  
science reporters the al-jazeera story

609  
00:23:57,919 --> 00:24:02,210  
which I just mentioned was actually

610  
00:23:59,808 --> 00:24:03,470  
their environment reporter and you see

611  
00:24:02,210 --> 00:24:04,819  
if you look at something from the point

612  
00:24:03,470 --> 00:24:06,829  
of view of the environment rather than

613  
00:24:04,819 --> 00:24:08,658

science you're usually getting someone

614

00:24:06,829 --> 00:24:10,250

who's doing a gushing human interest

615

00:24:08,659 --> 00:24:12,200

story in these poor people whose

616

00:24:10,250 --> 00:24:14,240

environment is being destroyed rather

617

00:24:12,200 --> 00:24:16,190

than looking at the science of it and

618

00:24:14,240 --> 00:24:19,759

why is this happening and what's causing

619

00:24:16,190 --> 00:24:21,798

it so yeah I mean the media certainly

620

00:24:19,759 --> 00:24:24,798

were reporting an ice age in the 60s and

621

00:24:21,798 --> 00:24:26,869

70s but a survey that was done of the

622

00:24:24,798 --> 00:24:31,908

scientific papers at the time found the

623

00:24:26,869 --> 00:24:33,888

vast majority were expecting warming and

624

00:24:31,909 --> 00:24:35,960

the reason that there was cooling at

625

00:24:33,888 --> 00:24:38,329

that time was because of the pollution

626

00:24:35,960 --> 00:24:39,860

and they were new pollution laws came

627

00:24:38,329 --> 00:24:41,898

into the 70s and in fact a couple of

628  
00:24:39,859 --> 00:24:43,579  
papers did actually point out once these

629  
00:24:41,898 --> 00:24:45,528  
new pollution laws come into effect and

630  
00:24:43,579 --> 00:24:48,168  
aerosols are reduced because aerosols of

631  
00:24:45,528 --> 00:24:49,878  
course do mask global warming as I doing

632  
00:24:48,169 --> 00:24:52,669  
now with all the aerosols produced by

633  
00:24:49,878 --> 00:24:54,798  
China then we predict that warming is

634  
00:24:52,669 --> 00:24:57,139  
going to continue and indeed it did and

635  
00:24:54,798 --> 00:25:00,128  
so the predictions of the scientists in

636  
00:24:57,138 --> 00:25:02,928  
the 50s and 60s were absolutely spot-on

637  
00:25:00,128 --> 00:25:04,878  
people get very hung up on what the

638  
00:25:02,929 --> 00:25:06,730  
media says and I always have to warn

639  
00:25:04,878 --> 00:25:09,048  
them whatever you see in a newspaper

640  
00:25:06,730 --> 00:25:10,759  
check the source if they quote a

641  
00:25:09,048 --> 00:25:12,648  
scientist go to that scientist

642  
00:25:10,759 --> 00:25:15,078  
find out what he's published read the

643  
00:25:12,648 --> 00:25:16,518  
paper that he's published if you can or

644  
00:25:15,078 --> 00:25:18,288  
at least the abstract and see if it

645  
00:25:16,519 --> 00:25:20,088  
actually fits in with what the

646  
00:25:18,288 --> 00:25:21,828  
newspapers said and make sure the

647  
00:25:20,088 --> 00:25:23,868  
newspaper is not cherry-picking make

648  
00:25:21,828 --> 00:25:27,259  
sure the paper hasn't been withdrawn or

649  
00:25:23,868 --> 00:25:28,668  
has been commented on there are there

650  
00:25:27,259 --> 00:25:30,440  
are various ways of reading the

651  
00:25:28,669 --> 00:25:32,389  
scientific literature a great way by the

652  
00:25:30,440 --> 00:25:34,788  
way is to read reviews because papers

653  
00:25:32,388 --> 00:25:36,798  
can either be Studies on a specific

654  
00:25:34,788 --> 00:25:38,989  
thing or you can write a paper which is

655  
00:25:36,798 --> 00:25:40,578  
reviewing the literature in a certain

656

00:25:38,989 --> 00:25:42,858  
field and that's a great way for science

657  
00:25:40,578 --> 00:25:44,628  
journalists like me to operate is to

658  
00:25:42,858 --> 00:25:47,088  
look at the reviews first to get a

659  
00:25:44,628 --> 00:25:49,009  
handle on who's writing what and and

660  
00:25:47,088 --> 00:25:50,118  
what the outcome is so you pretty much

661  
00:25:49,009 --> 00:25:51,139  
you're saying wherever you're going

662  
00:25:50,118 --> 00:25:52,338  
whatever you're reading take your

663  
00:25:51,138 --> 00:25:54,798  
critical thinking with you absolutely

664  
00:25:52,338 --> 00:25:56,479  
yes and and I I think we should be

665  
00:25:54,798 --> 00:25:57,648  
teaching critical thinking in schools a

666  
00:25:56,479 --> 00:26:00,828  
lot more than we do

667  
00:25:57,648 --> 00:26:02,598  
I mean you know it's great to be talking

668  
00:26:00,828 --> 00:26:04,489  
today to kindred spirits among the

669  
00:26:02,598 --> 00:26:06,398  
skeptics here you know you know you're

670  
00:26:04,489 --> 00:26:09,139

talking to an audience that gets it and

671

00:26:06,398 --> 00:26:12,018

that was why you know I really enjoyed

672

00:26:09,138 --> 00:26:14,358

speaking here but of course the vast

673

00:26:12,019 --> 00:26:16,399

majority of people are not into that

674

00:26:14,358 --> 00:26:18,698

kind of thing and they are happy to let

675

00:26:16,398 --> 00:26:20,658

the television wash over them and just

676

00:26:18,699 --> 00:26:22,879

accept whatever they think it's saying

677

00:26:20,659 --> 00:26:25,969

it's very a passive way of thinking and

678

00:26:22,878 --> 00:26:27,678

I think we need to create active ways of

679

00:26:25,969 --> 00:26:30,349

thinking and you can do that to yourself

680

00:26:27,679 --> 00:26:31,669

by going to potholder 54 out seeing what

681

00:26:30,348 --> 00:26:33,769

you've done they're exposing these

682

00:26:31,669 --> 00:26:35,509

techniques people always ask me why is

683

00:26:33,769 --> 00:26:37,909

it potholer well Pato Lee used to be my

684

00:26:35,509 --> 00:26:39,558

nickname when I when I worked in in in

685  
00:26:37,909 --> 00:26:41,539  
an office in London the only time I've

686  
00:26:39,558 --> 00:26:45,648  
ever worked in an office and what you

687  
00:26:41,538 --> 00:26:48,979  
were downstairs in a booth like the IT

688  
00:26:45,648 --> 00:26:51,498  
Crowd no I I'm an I I majored in geology

689  
00:26:48,979 --> 00:26:53,629  
so so everybody when they heard I did

690  
00:26:51,499 --> 00:26:55,068  
geology they thought this had something

691  
00:26:53,628 --> 00:26:56,838  
to do about crawling underground in

692  
00:26:55,068 --> 00:26:59,028  
rocks so I got the nickname potholder

693  
00:26:56,838 --> 00:27:01,489  
okay well since term is mister geologist

694  
00:26:59,028 --> 00:27:06,409  
what's your favorite rock then favorite

695  
00:27:01,489 --> 00:27:09,288  
rock tonight it's a beautiful color it's

696  
00:27:06,409 --> 00:27:12,229  
is just lovely stuff and it this is its

697  
00:27:09,288 --> 00:27:13,908  
form deep under the earth and it's it

698  
00:27:12,229 --> 00:27:16,818  
comes up this lovely sort of greenish

699  
00:27:13,909 --> 00:27:17,839  
color now having said that I said I bet

700  
00:27:16,818 --> 00:27:19,338  
someone's going to read this and say

701  
00:27:17,838 --> 00:27:20,598  
hang on a minute I just looked that up

702  
00:27:19,338 --> 00:27:23,328  
and the Internet it's not green at all

703  
00:27:20,598 --> 00:27:24,259  
look I'm going back a long way I I did

704  
00:27:23,328 --> 00:27:26,839  
my degree in this

705  
00:27:24,259 --> 00:27:28,789  
so a lot of rocks have changed since

706  
00:27:26,839 --> 00:27:30,918  
then a lot of them have melted and

707  
00:27:28,789 --> 00:27:32,450  
reformed so who knows it might be a

708  
00:27:30,919 --> 00:27:35,500  
different color now thank you hey there

709  
00:27:32,450 --> 00:27:35,500  
thanks very much indeed

710  
00:27:50,910 --> 00:27:56,740  
Pangos is hello an ally Dawson to her

711  
00:27:53,919 --> 00:27:58,330  
that the skeptics own podcasts roasted

712  
00:27:56,740 --> 00:28:00,400  
here does his oven da jman and in

713

00:27:58,329 --> 00:28:01,240  
skeptic a fervent gift the vital

714  
00:28:00,400 --> 00:28:03,330  
information

715  
00:28:01,240 --> 00:28:07,779  
Oberon's on the skeptic a magazine

716  
00:28:03,329 --> 00:28:11,918  
preserved vvv point and gave a loop a

717  
00:28:07,779 --> 00:28:15,339  
punk talk each vida holla vvv won't give

718  
00:28:11,919 --> 00:28:19,440  
a rupee Potok old owner of it's a on

719  
00:28:15,339 --> 00:28:19,439  
Facebook Twitter and Google+ Sign

720  
00:28:23,910 --> 00:28:29,830  
the skeptic zone is brought to you by

721  
00:28:26,349 --> 00:28:33,129  
dr. Bob's trivia quiz visit dr. Bob's

722  
00:28:29,829 --> 00:28:41,619  
quiz dot wordpress.com and see if you

723  
00:28:33,130 --> 00:28:45,760  
can match wits with dr. Bob what we want

724  
00:28:41,619 --> 00:28:48,419  
is some more evidence please is Joe

725  
00:28:45,759 --> 00:28:48,420  
alabaster

726  
00:28:50,029 --> 00:28:54,129  
hello this is Joe alabaster

727  
00:28:55,930 --> 00:29:01,789

well today I'm reporting from under a

728

00:28:59,029 --> 00:29:03,619

Juna there's a thunderstorm happening

729

00:29:01,789 --> 00:29:05,029

around me here in the Blue Mountains and

730

00:29:03,619 --> 00:29:08,329

it doesn't seem to be letting up anytime

731

00:29:05,029 --> 00:29:10,789

soon I'm not under here because I'm cold

732

00:29:08,329 --> 00:29:13,369

or afraid I'm attempting some makeshift

733

00:29:10,789 --> 00:29:15,529

soundproofing so if you hear any thunder

734

00:29:13,369 --> 00:29:17,599

during this report I do apologize and

735

00:29:15,529 --> 00:29:19,819

hope that at times itself for dramatic

736

00:29:17,599 --> 00:29:22,429

effect much to the delight of his

737

00:29:19,819 --> 00:29:25,269

unashamedly geeky parents my son Oscar

738

00:29:22,430 --> 00:29:27,860

is rather enthusiastic about science

739

00:29:25,269 --> 00:29:29,450

while at 5 years of age he's fairly

740

00:29:27,859 --> 00:29:31,819

certain that he's settled on a career in

741

00:29:29,450 --> 00:29:34,130

paleontology he hasn't yet ruled out

742  
00:29:31,819 --> 00:29:35,750  
other Sciences so we're more than happy

743  
00:29:34,130 --> 00:29:38,540  
to give him access to microscopes

744  
00:29:35,750 --> 00:29:40,539  
telescopes do kitchen based chemistry

745  
00:29:38,539 --> 00:29:42,920  
experiments and physics at bath time

746  
00:29:40,539 --> 00:29:44,450  
alongside the occasional trip to hunt

747  
00:29:42,920 --> 00:29:48,350  
for fossils or visit a Natural History

748  
00:29:44,450 --> 00:29:50,990  
Museum a geeky parenting is an absolute

749  
00:29:48,349 --> 00:29:52,579  
joy indulging the kids curiosity about

750  
00:29:50,990 --> 00:29:54,829  
the world around them seeing what

751  
00:29:52,579 --> 00:29:57,349  
hypotheses they come up with to explain

752  
00:29:54,829 --> 00:29:59,199  
their experiences suggesting ways that

753  
00:29:57,349 --> 00:30:01,879  
they can find our information in

754  
00:29:59,200 --> 00:30:04,190  
addition to plenty of hands-on exploring

755  
00:30:01,880 --> 00:30:06,920  
and experimenting with your YouTube

756  
00:30:04,190 --> 00:30:09,860  
videos do image searches with Safe

757  
00:30:06,920 --> 00:30:13,340  
Search on and look through books for

758  
00:30:09,859 --> 00:30:16,250  
information and ideas so for Christmas

759  
00:30:13,339 --> 00:30:18,470  
alongside LEGO Minecraft toys Oscar

760  
00:30:16,250 --> 00:30:21,769  
saved a few books a couple of them

761  
00:30:18,470 --> 00:30:25,160  
science related one magnet science

762  
00:30:21,769 --> 00:30:27,430  
seemed rather nifty and engaging it

763  
00:30:25,160 --> 00:30:29,810  
contained a selection of magnets a

764  
00:30:27,430 --> 00:30:32,450  
mercifully sealed container of iron

765  
00:30:29,809 --> 00:30:34,279  
filings and a series of experiments to

766  
00:30:32,450 --> 00:30:36,559  
perform reminiscent of the sorts of

767  
00:30:34,279 --> 00:30:39,680  
projects I grew up with on the Curiosity

768  
00:30:36,559 --> 00:30:42,139  
show make a fishing game make a compass

769  
00:30:39,680 --> 00:30:44,509  
construct an electromagnet under

770

00:30:42,140 --> 00:30:46,550  
parental supervision all with brief

771  
00:30:44,509 --> 00:30:49,180  
explanations of the science behind what

772  
00:30:46,549 --> 00:30:52,460  
was occurring fantastic

773  
00:30:49,180 --> 00:30:57,910  
until I spotted the last page titled

774  
00:30:52,460 --> 00:31:00,230  
facts and feats quote magnet medicine

775  
00:30:57,910 --> 00:31:03,009  
magnetic therapy is an alternative

776  
00:31:00,230 --> 00:31:05,690  
medicine practice using magnetic fields

777  
00:31:03,009 --> 00:31:08,150  
no one knows for definite how it works

778  
00:31:05,690 --> 00:31:09,620  
but supporters of the therapy believe it

779  
00:31:08,150 --> 00:31:11,720  
helps to restore health by

780  
00:31:09,619 --> 00:31:14,000  
improving circulation as the magnets

781  
00:31:11,720 --> 00:31:15,860  
attract the iron in the blood increasing

782  
00:31:14,000 --> 00:31:19,279  
the supply of oxygen to the source of

783  
00:31:15,859 --> 00:31:21,679  
the pain others say the magnets reduce

784  
00:31:19,279 --> 00:31:22,639

the negative energy in the body end

785

00:31:21,680 --> 00:31:27,320

quote

786

00:31:22,640 --> 00:31:28,070

oh boy no one knows for definite how it

787

00:31:27,319 --> 00:31:30,710

works

788

00:31:28,069 --> 00:31:32,720

nobody has proven that it works not

789

00:31:30,710 --> 00:31:36,140

shown a mechanism by which it can work

790

00:31:32,720 --> 00:31:37,819

other than the placebo effect the

791

00:31:36,140 --> 00:31:39,410

supporters of the therapy who believe

792

00:31:37,819 --> 00:31:41,329

that magnets attract the iron in the

793

00:31:39,410 --> 00:31:43,940

blood they're wrong

794

00:31:41,329 --> 00:31:47,000

iron bound to hemoglobin is no longer

795

00:31:43,940 --> 00:31:48,740

ferromagnetic which is a good thing else

796

00:31:47,000 --> 00:31:50,990

we'd be hemorrhaging frequently as we

797

00:31:48,740 --> 00:31:54,679

walk around our homes and we'd literally

798

00:31:50,990 --> 00:31:56,960

explode when undergoing an MRI scan as

799  
00:31:54,679 --> 00:31:59,030  
for others saying that magnets reduced

800  
00:31:56,960 --> 00:32:00,380  
the negative energy in the body you

801  
00:31:59,029 --> 00:32:03,289  
can't get much more meaningless than

802  
00:32:00,380 --> 00:32:07,429  
that negative energy is a vague concept

803  
00:32:03,289 --> 00:32:09,379  
supported by the anger - others say as

804  
00:32:07,429 --> 00:32:11,600  
for others saying that magnets reduce

805  
00:32:09,380 --> 00:32:12,920  
the negative energy in the body you

806  
00:32:11,599 --> 00:32:15,980  
can't get much more meaningless than

807  
00:32:12,920 --> 00:32:18,740  
that negative energy is a vague concept

808  
00:32:15,980 --> 00:32:22,849  
and supported by the anecdotal others

809  
00:32:18,740 --> 00:32:26,210  
say these are empty words why is this in

810  
00:32:22,849 --> 00:32:28,459  
my child's book on science this is not

811  
00:32:26,210 --> 00:32:30,500  
scientific at all the claim is pseudo

812  
00:32:28,460 --> 00:32:34,009  
scientific and it's presentation is

813  
00:32:30,500 --> 00:32:35,839  
incredibly uncritical furthermore merely

814  
00:32:34,009 --> 00:32:37,670  
googling magnetic therapy returns

815  
00:32:35,839 --> 00:32:41,029  
several pages explaining that magnet

816  
00:32:37,670 --> 00:32:43,070  
therapy is a pseudoscience and utterly

817  
00:32:41,029 --> 00:32:45,079  
dumbfounded as to how on earth and

818  
00:32:43,069 --> 00:32:47,149  
author who did so well designing and

819  
00:32:45,079 --> 00:32:50,149  
explaining experiments over the previous

820  
00:32:47,150 --> 00:32:51,950  
47 pages of this book and they managed

821  
00:32:50,150 --> 00:32:54,019  
to write about electromagnetism in a

822  
00:32:51,950 --> 00:32:56,090  
manner appropriate for children could

823  
00:32:54,019 --> 00:32:59,058  
get it so very wrong on the last page

824  
00:32:56,089 --> 00:33:01,009  
and it isn't as though there is a short

825  
00:32:59,058 --> 00:33:03,950  
supply of legitimate facts and feats

826  
00:33:01,009 --> 00:33:06,769  
relating to magnets the second paragraph

827

00:33:03,950 --> 00:33:08,870  
on the page is an excellent example it

828  
00:33:06,769 --> 00:33:12,710  
discusses the speeds reached by a maglev

829  
00:33:08,869 --> 00:33:18,129  
train now that's fascinating and it's

830  
00:33:12,710 --> 00:33:22,990  
real the third paragraph though quote

831  
00:33:18,130 --> 00:33:25,059  
human magnet oral rail new from

832  
00:33:22,990 --> 00:33:28,089  
Rumania set the world record for being

833  
00:33:25,058 --> 00:33:30,788  
the strongest human magnet magnetic

834  
00:33:28,089 --> 00:33:34,028  
objects including televisions spoons and

835  
00:33:30,788 --> 00:33:36,369  
ions stick to his skin he doesn't know

836  
00:33:34,028 --> 00:33:38,440  
how he does it but he says he focuses

837  
00:33:36,369 --> 00:33:41,168  
his mind and releases the feeling of

838  
00:33:38,440 --> 00:33:45,929  
magnetic attraction which makes even the

839  
00:33:41,169 --> 00:33:50,470  
heaviest objects stick to him end quote

840  
00:33:45,929 --> 00:33:53,559  
human magnets have you ever seen a child

841  
00:33:50,470 --> 00:33:55,419

stick a spoon to their nose it's a cute

842

00:33:53,558 --> 00:33:57,069

little parlor trick utilizing the angle

843

00:33:55,419 --> 00:33:59,110

of the nose the hairlessness and

844

00:33:57,069 --> 00:34:00,519

smoothness of the skin and some moisture

845

00:33:59,109 --> 00:34:02,469

from breath or a little

846

00:34:00,519 --> 00:34:04,509

naturally-occurring sebum to reduce

847

00:34:02,470 --> 00:34:07,690

friction to make it appear that the

848

00:34:04,509 --> 00:34:10,418

spoon is stuck to the nose people

849

00:34:07,690 --> 00:34:12,190

practicing human magnetism oftentimes

850

00:34:10,418 --> 00:34:14,918

claim to be a mystical or mysterious

851

00:34:12,190 --> 00:34:16,659

power are very likely using the same

852

00:34:14,918 --> 00:34:18,759

tricks as the child with a spoon on

853

00:34:16,659 --> 00:34:22,240

their nose to balance objects on their

854

00:34:18,760 --> 00:34:24,760

faces and bodies objects always with a

855

00:34:22,239 --> 00:34:27,338

smooth surface are often placed against

856  
00:34:24,760 --> 00:34:29,560  
the upper chest upper arms upper back at

857  
00:34:27,338 --> 00:34:32,769  
the top of a slightly protruding belly

858  
00:34:29,559 --> 00:34:34,329  
or on the face or body surfaces which

859  
00:34:32,769 --> 00:34:35,608  
are not quite perpendicular to the

860  
00:34:34,329 --> 00:34:37,960  
ground

861  
00:34:35,608 --> 00:34:40,598  
human magnets tend to have hairless

862  
00:34:37,960 --> 00:34:43,240  
smooth skin which combined with everyday

863  
00:34:40,599 --> 00:34:47,050  
skin secretions create a surface which

864  
00:34:43,239 --> 00:34:49,539  
is non slippery skin elasticity also

865  
00:34:47,050 --> 00:34:51,609  
plays a part our skin tends to conform

866  
00:34:49,539 --> 00:34:54,539  
somewhat to surfaces against which it is

867  
00:34:51,608 --> 00:34:57,159  
pressed particularly when forces applied

868  
00:34:54,539 --> 00:34:59,019  
now out of vanity I'm hesitant to

869  
00:34:57,159 --> 00:35:01,809  
describe the ideal skin for human

870  
00:34:59,019 --> 00:35:03,639  
magnetism tricks as being oily but I do

871  
00:35:01,809 --> 00:35:05,170  
seem to be able to attach more pieces of

872  
00:35:03,639 --> 00:35:07,719  
cutlery to myself when I haven't

873  
00:35:05,170 --> 00:35:09,608  
showered for a few hours if you want to

874  
00:35:07,719 --> 00:35:13,480  
see a photo of my efforts there's one on

875  
00:35:09,608 --> 00:35:15,130  
my blog at evidence please donate there

876  
00:35:13,480 --> 00:35:17,740  
are some simple tests to check whether

877  
00:35:15,130 --> 00:35:20,619  
magnetism rather than balance smoothness

878  
00:35:17,739 --> 00:35:22,299  
and skin secretions is causing objects

879  
00:35:20,619 --> 00:35:25,869  
to apparently stick to somebody who

880  
00:35:22,300 --> 00:35:28,210  
claims to be a human magnet suggested by

881  
00:35:25,869 --> 00:35:31,660  
our friend James Randi a sprinkling of

882  
00:35:28,210 --> 00:35:33,519  
talcum powder over the skin this reduces

883  
00:35:31,659 --> 00:35:36,299  
the friction and stickiness of the skin

884

00:35:33,519 --> 00:35:38,759  
generally causing items to slip

885  
00:35:36,300 --> 00:35:41,940  
Benjamin Radford suggests a light coat

886  
00:35:38,760 --> 00:35:44,100  
of oil thin clothing or a thin layer of

887  
00:35:41,940 --> 00:35:46,380  
plastic should also show that magnetism

888  
00:35:44,099 --> 00:35:48,599  
isn't the cause of the object sticking a

889  
00:35:46,380 --> 00:35:52,440  
surely a magnetic force ought to be able

890  
00:35:48,599 --> 00:35:54,539  
to penetrate these materials no human

891  
00:35:52,440 --> 00:35:57,150  
magnet has ever been tested and shown to

892  
00:35:54,539 --> 00:35:58,969  
emit a magnetic field which has produced

893  
00:35:57,150 --> 00:36:01,680  
significant readings from a Gauss meter

894  
00:35:58,969 --> 00:36:03,359  
nor is the more simple test involving

895  
00:36:01,679 --> 00:36:06,079  
holding a compass near a human magnet

896  
00:36:03,360 --> 00:36:08,880  
showing evidence of a magnetic field

897  
00:36:06,079 --> 00:36:11,069  
given that some human magnets claim also

898  
00:36:08,880 --> 00:36:13,410

to be able to attract glass and ceramic

899

00:36:11,070 --> 00:36:15,930  
objects with smooth surfaces

900

00:36:13,409 --> 00:36:18,029  
unsurprisingly it is possible that the

901

00:36:15,929 --> 00:36:19,619  
claimed magnetism is some force of

902

00:36:18,030 --> 00:36:21,930  
attraction other than the magnetism

903

00:36:19,619 --> 00:36:24,750  
we're familiar with in which case

904

00:36:21,929 --> 00:36:26,609  
magnetism is a term rendered as vague as

905

00:36:24,750 --> 00:36:29,190  
the word energy used in similar

906

00:36:26,610 --> 00:36:31,740  
circumstances and the story of oral

907

00:36:29,190 --> 00:36:35,519  
revenue has even less reason to appear

908

00:36:31,739 --> 00:36:37,409  
in the magnet science book and yet

909

00:36:35,519 --> 00:36:39,869  
despite how simple it is to debunk their

910

00:36:37,409 --> 00:36:42,210  
claims human magnets still make the news

911

00:36:39,869 --> 00:36:44,369  
every few years a boy covered in spoons

912

00:36:42,210 --> 00:36:46,889  
a woman with coin stuck to her face and

913  
00:36:44,369 --> 00:36:48,719  
overall revenue purported world-record

914  
00:36:46,889 --> 00:36:51,359  
holder with his irons and his television

915  
00:36:48,719 --> 00:36:53,189  
I can only guess that the media who

916  
00:36:51,360 --> 00:36:54,990  
report on human magnets feel that a

917  
00:36:53,190 --> 00:36:56,700  
fantastic Serling story is more

918  
00:36:54,989 --> 00:36:59,189  
interesting than the simple trick that's

919  
00:36:56,699 --> 00:37:02,849  
being performed and they may well be

920  
00:36:59,190 --> 00:37:05,519  
right I'm quite a fan of parlor tricks

921  
00:37:02,849 --> 00:37:08,279  
stage magic and illusions they're a fun

922  
00:37:05,519 --> 00:37:10,469  
way to encourage critical thought I love

923  
00:37:08,280 --> 00:37:12,840  
the combination of or delight laughs and

924  
00:37:10,469 --> 00:37:14,309  
wonder that they can evoke if I don't

925  
00:37:12,840 --> 00:37:16,079  
know how a trick is performed I have a

926  
00:37:14,309 --> 00:37:18,690  
rather enjoyable puzzle to try and work

927  
00:37:16,079 --> 00:37:20,759  
out and when I do I can enjoy the skill

928  
00:37:18,690 --> 00:37:22,950  
of the performer being at this sleight

929  
00:37:20,760 --> 00:37:24,420  
of hand they take on presentation or

930  
00:37:22,949 --> 00:37:27,480  
whatever twist they're put on an old

931  
00:37:24,420 --> 00:37:29,250  
trick to make it their own what I don't

932  
00:37:27,480 --> 00:37:31,800  
enjoy however is when a trick is

933  
00:37:29,250 --> 00:37:34,739  
presented as the truth I like my wires

934  
00:37:31,800 --> 00:37:36,660  
to be honest it's especially galling

935  
00:37:34,739 --> 00:37:38,669  
when the trick is presented as truth in

936  
00:37:36,659 --> 00:37:40,559  
a kids book purporting to be educational

937  
00:37:38,670 --> 00:37:44,190  
and scientific something which ought to

938  
00:37:40,559 --> 00:37:45,989  
be a trusted source as for telling kids

939  
00:37:44,190 --> 00:37:48,630  
that magnetic therapy is anything but

940  
00:37:45,989 --> 00:37:50,098  
pseudoscience I can only hope that

941

00:37:48,630 --> 00:37:51,690  
people who buy science

942  
00:37:50,099 --> 00:37:53,910  
books for children also heavily

943  
00:37:51,690 --> 00:37:55,499  
inclination to introduce them to and

944  
00:37:53,909 --> 00:38:00,088  
encourage critical thought and

945  
00:37:55,498 --> 00:38:02,068  
skepticism if you're interested in my

946  
00:38:00,088 --> 00:38:05,308  
writing it can be found on my blog at

947  
00:38:02,068 --> 00:38:07,170  
evidence please net and I've just made a

948  
00:38:05,309 --> 00:38:09,420  
Facebook page for my blog and this

949  
00:38:07,170 --> 00:38:10,858  
segment would you like to test your

950  
00:38:09,420 --> 00:38:14,818  
psychic powers and guess what it's

951  
00:38:10,858 --> 00:38:18,838  
called that's correct

952  
00:38:14,818 --> 00:38:20,699  
it is the Wangaratta turnip society no

953  
00:38:18,838 --> 00:38:25,068  
just do a Facebook search for evidence

954  
00:38:20,699 --> 00:38:25,068  
please and you'll find it thank you

955  
00:38:34,570 --> 00:38:40,580

the skeptic magazine the journal from

956

00:38:37,429 --> 00:38:42,799

Australian skeptics subscribe online to

957

00:38:40,579 --> 00:38:48,110

the world's second oldest skeptical

958

00:38:42,800 --> 00:38:51,289

magazine visit WWF XCOM a you and click

959

00:38:48,110 --> 00:38:55,670

the publication's link you can also find

960

00:38:51,289 --> 00:38:58,880

there over 30 years of back issues free

961

00:38:55,670 --> 00:39:11,840

to download the skeptic magazine from

962

00:38:58,880 --> 00:39:13,400

Australian skeptics aside have you won

963

00:39:11,840 --> 00:39:15,590

that if there's just more to your

964

00:39:13,400 --> 00:39:17,180

existence than having Vegemite on toast

965

00:39:15,590 --> 00:39:18,890

in the morning well we're certainly at

966

00:39:17,179 --> 00:39:21,349

the right place here the Newcastle

967

00:39:18,889 --> 00:39:23,569

psychic Expo we're going to talk to the

968

00:39:21,349 --> 00:39:25,369

convener of the Expo Gary Wiseman and

969

00:39:23,570 --> 00:39:28,519

perhaps I'm gonna learn more about life

970  
00:39:25,369 --> 00:39:32,710  
love and really nice smelling incense

971  
00:39:28,519 --> 00:39:32,710  
mmm and some calming music too

972  
00:39:33,338 --> 00:39:40,150  
a bit already Gary you have a circuit of

973  
00:39:38,349 --> 00:39:42,160  
psychic Expos around New South Wales not

974  
00:39:40,150 --> 00:39:44,349  
yet that's right we go throughout

975  
00:39:42,159 --> 00:39:45,969  
actually Queensland Victoria and

976  
00:39:44,349 --> 00:39:48,309  
Tasmania as well and live in New Zealand

977  
00:39:45,969 --> 00:39:49,778  
what are most people seeking when they

978  
00:39:48,309 --> 00:39:51,700  
come to a psychic expert because I

979  
00:39:49,778 --> 00:39:53,289  
expected to see a lot of stalls with

980  
00:39:51,699 --> 00:39:54,939  
crystals and there is a little bit of

981  
00:39:53,289 --> 00:39:56,200  
that but it's mainly psychics doing

982  
00:39:54,940 --> 00:39:58,210  
readings how many of you got here today

983  
00:39:56,199 --> 00:40:00,548  
well they're 14 today and there be

984  
00:39:58,210 --> 00:40:02,949  
another six at the weekend essentially a

985  
00:40:00,548 --> 00:40:05,018  
travelling psychic reading service with

986  
00:40:02,949 --> 00:40:05,710  
her very best readers from all over

987  
00:40:05,018 --> 00:40:07,868  
Australia

988  
00:40:05,710 --> 00:40:09,460  
and how do you rate them I mean how do

989  
00:40:07,869 --> 00:40:10,719  
you qualify them to be Heda they have to

990  
00:40:09,460 --> 00:40:12,309  
go through a test you have to give them

991  
00:40:10,719 --> 00:40:13,599  
ten things you're thinking of or pick a

992  
00:40:12,309 --> 00:40:15,759  
number from under ten how do you rate

993  
00:40:13,599 --> 00:40:18,548  
them it's a fairly subjective thing on

994  
00:40:15,759 --> 00:40:20,798  
my part it just falls on my experience

995  
00:40:18,548 --> 00:40:22,568  
and intuition about who the best readers

996  
00:40:20,798 --> 00:40:24,009  
are and get a feeling from talking to

997  
00:40:22,568 --> 00:40:25,838  
people and then we give them a trial

998

00:40:24,009 --> 00:40:28,119  
that trial usually involves three

999  
00:40:25,838 --> 00:40:29,650  
readings and if the response is good

1000  
00:40:28,119 --> 00:40:31,028  
come on the circuit with us but they

1001  
00:40:29,650 --> 00:40:32,920  
have to earn their stripes because their

1002  
00:40:31,028 --> 00:40:34,239  
reputation depends on it do they get to

1003  
00:40:32,920 --> 00:40:35,099  
do best of five if they can't get

1004  
00:40:34,239 --> 00:40:37,838  
through

1005  
00:40:35,099 --> 00:40:39,309  
is there a like a lawyers or a doctors

1006  
00:40:37,838 --> 00:40:41,108  
there a psychic because Association like

1007  
00:40:39,309 --> 00:40:42,519  
a bar of psychics you can get booted out

1008  
00:40:41,108 --> 00:40:44,588  
with if you're not a good one or there

1009  
00:40:42,518 --> 00:40:46,419  
is there a you know a guild psychics

1010  
00:40:44,588 --> 00:40:48,099  
tend to be rugged individuals who do

1011  
00:40:46,420 --> 00:40:49,450  
their own thing they often don't know

1012  
00:40:48,099 --> 00:40:51,579

much about what other people are doing

1013

00:40:49,449 --> 00:40:53,409

maybe it's exactly the same in radio a

1014

00:40:51,579 --> 00:40:54,969

bit like that in radio - I've got no

1015

00:40:53,409 --> 00:40:56,920

idea what's going on a lot of people

1016

00:40:54,969 --> 00:40:58,179

wrecking it's just cold reading like

1017

00:40:56,920 --> 00:40:59,739

reading the person's face when you're

1018

00:40:58,179 --> 00:41:01,778

talking to them how much do you think is

1019

00:40:59,739 --> 00:41:03,519

cold reading and how much is being able

1020

00:41:01,778 --> 00:41:04,268

to like delve into their aura or

1021

00:41:03,518 --> 00:41:06,098

whatever they're getting this

1022

00:41:04,268 --> 00:41:09,038

information from we may unconsciously

1023

00:41:06,099 --> 00:41:11,380

pick up things about the in the face and

1024

00:41:09,039 --> 00:41:13,180

the responsibilities certainly can't

1025

00:41:11,380 --> 00:41:14,798

rely on that you just can't couldn't

1026

00:41:13,179 --> 00:41:17,348

rely on that even if you consciously did

1027  
00:41:14,798 --> 00:41:19,900  
for instance yesterday and I reading I

1028  
00:41:17,349 --> 00:41:21,160  
did for someone during our lecture I got

1029  
00:41:19,900 --> 00:41:24,009  
them to pick a card just to demonstrate

1030  
00:41:21,159 --> 00:41:26,588  
and I said they feel like here you're

1031  
00:41:24,009 --> 00:41:28,358  
going to do modeling in France and Italy

1032  
00:41:26,588 --> 00:41:30,670  
and she said she was flying out to Paris

1033  
00:41:28,358 --> 00:41:32,199  
tomorrow he couldn't possibly get that

1034  
00:41:30,670 --> 00:41:33,789  
that's that's one of the better ones

1035  
00:41:32,199 --> 00:41:35,379  
that I've picked up obviously not

1036  
00:41:33,789 --> 00:41:36,880  
legally binding but ever get people

1037  
00:41:35,380 --> 00:41:38,499  
complaining about the reading like it

1038  
00:41:36,880 --> 00:41:40,450  
wasn't the one they wanted or it was

1039  
00:41:38,498 --> 00:41:42,429  
incorrect that sometimes happens because

1040  
00:41:40,449 --> 00:41:44,768  
what we're doing is not an easy thing

1041  
00:41:42,429 --> 00:41:46,480  
it's very difficult treating it to

1042  
00:41:44,768 --> 00:41:48,279  
things that you can't see in

1043  
00:41:46,480 --> 00:41:50,050  
front of you and occasionally the

1044  
00:41:48,280 --> 00:41:52,150  
chemistry is not right between the

1045  
00:41:50,050 --> 00:41:54,760  
customer and the client we either offer

1046  
00:41:52,150 --> 00:41:56,410  
a reading with another reader and if it

1047  
00:41:54,760 --> 00:41:58,510  
will always happy the second time around

1048  
00:41:56,409 --> 00:42:00,609  
but if they weren't we'd offer a

1049  
00:41:58,510 --> 00:42:02,650  
complete refund and you've got he said

1050  
00:42:00,610 --> 00:42:05,079  
18 psychics here is it 14 today and

1051  
00:42:02,650 --> 00:42:06,970  
they're all busy actually we do have two

1052  
00:42:05,079 --> 00:42:09,099  
coming in later today so you must have

1053  
00:42:06,969 --> 00:42:10,659  
picked that up I think everybody told me

1054  
00:42:09,099 --> 00:42:12,009  
to ask you how come you didn't know I

1055

00:42:10,659 --> 00:42:13,420  
was gonna ring and something like that

1056  
00:42:12,010 --> 00:42:14,770  
do you get people asking you we have

1057  
00:42:13,420 --> 00:42:15,880  
smarty bums on the phone going no I

1058  
00:42:14,769 --> 00:42:17,469  
don't need to tell you it is you must

1059  
00:42:15,880 --> 00:42:19,000  
know they always say if I had a dollar

1060  
00:42:17,469 --> 00:42:20,739  
for every person that's made a joke

1061  
00:42:19,000 --> 00:42:22,449  
based on you should have known I'd be a

1062  
00:42:20,739 --> 00:42:23,649  
millionaire how do people react when

1063  
00:42:22,449 --> 00:42:24,909  
normally tell them you're a psychic

1064  
00:42:23,650 --> 00:42:26,380  
because I get a bit scared because I

1065  
00:42:24,909 --> 00:42:27,940  
think you might see the real me inside

1066  
00:42:26,380 --> 00:42:29,890  
and I work very hard to not let people

1067  
00:42:27,940 --> 00:42:32,320  
see that when I'm away from work the

1068  
00:42:29,889 --> 00:42:34,359  
last thing I want to do is be trying to

1069  
00:42:32,320 --> 00:42:35,830

delve into people's minds and how do you

1070

00:42:34,360 --> 00:42:37,750

do it a lot of people some people use

1071

00:42:35,829 --> 00:42:39,250

tea leaves some people use an object

1072

00:42:37,750 --> 00:42:40,719

from the person's life than hold of some

1073

00:42:39,250 --> 00:42:44,469

people even stare into a globe how do

1074

00:42:40,719 --> 00:42:47,409

you do it two tools that suit me are

1075

00:42:44,469 --> 00:42:49,209

Tarot all actually now I use more animal

1076

00:42:47,409 --> 00:42:51,670

cards so those are the type of Tarot and

1077

00:42:49,210 --> 00:42:53,740

also astrology they're the two that suit

1078

00:42:51,670 --> 00:42:55,180

me where someone else identifiers more

1079

00:42:53,739 --> 00:42:56,769

with the patterns on the hand so they'd

1080

00:42:55,179 --> 00:42:59,259

be draw out of palmistry and either

1081

00:42:56,769 --> 00:43:01,360

Tarot or animal cards I've created my

1082

00:42:59,260 --> 00:43:03,130

own set of animal cards where you can

1083

00:43:01,360 --> 00:43:04,840

read animals and read it the way you

1084  
00:43:03,130 --> 00:43:06,730  
would a tarot card can you get a rhesus

1085  
00:43:04,840 --> 00:43:08,829  
monkey card we do have the monkey and

1086  
00:43:06,730 --> 00:43:11,530  
the monkey represents more playful

1087  
00:43:08,829 --> 00:43:13,659  
energy or bit tricky or whatever but

1088  
00:43:11,530 --> 00:43:14,950  
what one don't you want what card don't

1089  
00:43:13,659 --> 00:43:17,049  
you want to see come out of the animal

1090  
00:43:14,949 --> 00:43:19,419  
pack the thing with the animal cards is

1091  
00:43:17,050 --> 00:43:21,250  
that all all of them are pretty equality

1092  
00:43:19,420 --> 00:43:23,349  
but you might since we don't like

1093  
00:43:21,250 --> 00:43:24,369  
reptiles usually there's snake probably

1094  
00:43:23,349 --> 00:43:26,529  
is something you don't particularly want

1095  
00:43:24,369 --> 00:43:28,150  
to see but it's got as good and bad side

1096  
00:43:26,530 --> 00:43:30,550  
just like any other card the one that

1097  
00:43:28,150 --> 00:43:32,590  
always worries everybody in Tarot must

1098  
00:43:30,550 --> 00:43:34,180  
be the death card no one wants to see

1099  
00:43:32,590 --> 00:43:35,890  
the death card particular death card and

1100  
00:43:34,179 --> 00:43:37,929  
the emperor card together upside down

1101  
00:43:35,889 --> 00:43:39,759  
not a good one thing is that the layman

1102  
00:43:37,929 --> 00:43:41,349  
that would seem very scary well it does

1103  
00:43:39,760 --> 00:43:43,060  
and that's one reason I've moved away

1104  
00:43:41,349 --> 00:43:44,469  
from Tarot to animal cards because

1105  
00:43:43,059 --> 00:43:46,659  
animals are less threatening could you

1106  
00:43:44,469 --> 00:43:48,519  
try maybe top-shelf alcohol cards like

1107  
00:43:46,659 --> 00:43:50,440  
you could have a Stolli vodka a Bailey's

1108  
00:43:48,519 --> 00:43:52,239  
you know a coffee liqueur that would

1109  
00:43:50,440 --> 00:43:53,710  
make people food even more at ease

1110  
00:43:52,239 --> 00:43:55,419  
think if you're an alcoholic that would

1111  
00:43:53,710 --> 00:43:56,619  
be a wonderful tool few tears you'd

1112

00:43:55,420 --> 00:43:58,360  
really identify with it

1113  
00:43:56,619 --> 00:43:59,529  
are you picking up anything on me at all

1114  
00:43:58,360 --> 00:44:00,940  
from meeting me this morning for the

1115  
00:43:59,530 --> 00:44:03,340  
first time I

1116  
00:44:00,940 --> 00:44:06,190  
tune into people when they ask me to and

1117  
00:44:03,340 --> 00:44:07,480  
I don't intrude on people's space but

1118  
00:44:06,190 --> 00:44:08,829  
what about missing people I mean you

1119  
00:44:07,480 --> 00:44:11,889  
would Mel to tell me where Greg Evans is

1120  
00:44:08,829 --> 00:44:12,940  
now with you Richard Moorcroft bill vane

1121  
00:44:11,889 --> 00:44:14,679  
Delaney all these people just

1122  
00:44:12,940 --> 00:44:16,480  
disappeared yes so they probably up near

1123  
00:44:14,679 --> 00:44:18,309  
byron bay somewhere enjoying the good

1124  
00:44:16,480 --> 00:44:20,530  
life we're talking to Gary Wiseman who's

1125  
00:44:18,309 --> 00:44:22,570  
the convenient organizer of the psychic

1126  
00:44:20,530 --> 00:44:23,890

Expo which too is Australia and what's

1127

00:44:22,570 --> 00:44:25,539

your favorite greeting I like to say

1128

00:44:23,889 --> 00:44:27,250

live long and prosper what your favorite

1129

00:44:25,539 --> 00:44:29,440

yes I'll have to think about I like the

1130

00:44:27,250 --> 00:44:31,420

biggest star Trekkie fan I like the

1131

00:44:29,440 --> 00:44:33,130

possible one and also musically you've

1132

00:44:31,420 --> 00:44:34,780

got some very calming music there is

1133

00:44:33,130 --> 00:44:36,190

that very special I mean I'm myself I'd

1134

00:44:34,780 --> 00:44:37,600

you know I but some sort of pumping

1135

00:44:36,190 --> 00:44:38,920

dance music going if I was actually

1136

00:44:37,599 --> 00:44:42,299

having my reading done you know like

1137

00:44:38,920 --> 00:44:42,300

something I'm 260 like rightsaidfred

1138

00:44:49,409 --> 00:44:55,989

all the alcohol and the alcohol readings

1139

00:44:53,050 --> 00:44:57,760

and the the pumping music I think I'm

1140

00:44:55,989 --> 00:44:59,169

here in the foyer with a lady who's just

1141  
00:44:57,760 --> 00:45:02,290  
too had a reading how long was your

1142  
00:44:59,170 --> 00:45:03,849  
reading for 25 minutes and how did it go

1143  
00:45:02,289 --> 00:45:05,230  
I mean I don't want to get too personal

1144  
00:45:03,849 --> 00:45:07,989  
but how do you think it went

1145  
00:45:05,230 --> 00:45:09,550  
interesting some things I found very fun

1146  
00:45:07,989 --> 00:45:11,289  
on and some things were enlightening

1147  
00:45:09,550 --> 00:45:12,970  
might not like what they said but was

1148  
00:45:11,289 --> 00:45:14,710  
enlightening and how did they do it was

1149  
00:45:12,969 --> 00:45:16,209  
there an object of jewelry they held or

1150  
00:45:14,710 --> 00:45:19,119  
did they have a laying on of hands how

1151  
00:45:16,210 --> 00:45:20,949  
did it work read my palms first and then

1152  
00:45:19,119 --> 00:45:22,779  
Mike did my aura so there's a percentage

1153  
00:45:20,949 --> 00:45:25,929  
how right do you think they were about

1154  
00:45:22,780 --> 00:45:26,980  
60 70 60 to 70 yes did you hear anything

1155  
00:45:25,929 --> 00:45:29,889  
you didn't want to hear

1156  
00:45:26,980 --> 00:45:30,849  
definitely anything so is that going to

1157  
00:45:29,889 --> 00:45:31,989  
be something where you might have to

1158  
00:45:30,849 --> 00:45:33,519  
change your life where you're gonna go

1159  
00:45:31,989 --> 00:45:36,069  
now that's just wrong I'll probably

1160  
00:45:33,519 --> 00:45:38,019  
change my attitude and accept more than

1161  
00:45:36,070 --> 00:45:40,240  
anything and why did you come here in

1162  
00:45:38,019 --> 00:45:42,099  
the first place to get some answers to

1163  
00:45:40,239 --> 00:45:43,659  
some things what sort of mood we take

1164  
00:45:42,099 --> 00:45:46,529  
away from here leaving here do you feel

1165  
00:45:43,659 --> 00:45:48,670  
enlightened and powered or do you go oh

1166  
00:45:46,530 --> 00:45:52,260  
thank you very much for your time live

1167  
00:45:48,670 --> 00:45:52,260  
long and prosper thank you bye

1168  
00:45:52,400 --> 00:45:58,530  
hey Kenny oh hi Tom

1169

00:45:55,440 --> 00:46:01,889  
I see this part yeah yes eight weather

1170  
00:45:58,530 --> 00:46:04,590  
oh look a unicorn unicorn there are no

1171  
00:46:01,889 --> 00:46:06,269  
such things as unicorns silly yes there

1172  
00:46:04,590 --> 00:46:09,090  
is no there isn't

1173  
00:46:06,269 --> 00:46:11,610  
hey guys what are you arguing about tom

1174  
00:46:09,090 --> 00:46:13,769  
thinks unicorns are real say so our

1175  
00:46:11,610 --> 00:46:16,619  
let's look us up in the skeptics

1176  
00:46:13,769 --> 00:46:18,659  
dictionary the what how can we do this

1177  
00:46:16,619 --> 00:46:20,309  
in this park there is no computer here

1178  
00:46:18,659 --> 00:46:22,529  
you guys probably don't know about the

1179  
00:46:20,309 --> 00:46:25,349  
skeptics dictionary app available now

1180  
00:46:22,530 --> 00:46:28,769  
for iPhone iPad and iPod Touch in the

1181  
00:46:25,349 --> 00:46:30,630  
App Store Wow cool the app lets you

1182  
00:46:28,769 --> 00:46:32,429  
access all of the great skeptics

1183  
00:46:30,630 --> 00:46:35,369

dictionary articles when you're on the

1184

00:46:32,429 --> 00:46:38,250

go here let me look up unicorns sound

1185

00:46:35,369 --> 00:46:40,559

cool Kenny prepare to be proven wrong it

1186

00:46:38,250 --> 00:46:42,300

says here the Unicorn is a creature from

1187

00:46:40,559 --> 00:46:44,969

fables aha

1188

00:46:42,300 --> 00:46:46,230

actually I see now that someone just

1189

00:46:44,969 --> 00:46:48,839

dumped their ice cream cone on that

1190

00:46:46,230 --> 00:46:52,099

horse's head Thanks skeptics dictionary

1191

00:46:48,840 --> 00:46:52,100

iPhone app

1192

00:47:00,940 --> 00:47:05,420

thank you for listening to the skeptics

1193

00:47:03,409 --> 00:47:09,588

down here we go folks another year

1194

00:47:05,420 --> 00:47:10,430

another year of the skeptic zone what

1195

00:47:09,588 --> 00:47:11,599

lies ahead

1196

00:47:10,429 --> 00:47:13,960

well I'd can't see into the future

1197

00:47:11,599 --> 00:47:17,329

that's good cuz nobody else can either

1198  
00:47:13,960 --> 00:47:19,970  
what lies ahead we'll find out as it

1199  
00:47:17,329 --> 00:47:22,510  
happens you and I together throughout

1200  
00:47:19,969 --> 00:47:25,608  
the year with our with our reporters to

1201  
00:47:22,510 --> 00:47:27,800  
look forward to more Maynard more Joe

1202  
00:47:25,608 --> 00:47:29,838  
alabaster now other reporters too when

1203  
00:47:27,800 --> 00:47:34,369  
they can they get very busy and I

1204  
00:47:29,838 --> 00:47:36,289  
understand that but rest assured we're

1205  
00:47:34,369 --> 00:47:39,410  
in for an interesting year as we are

1206  
00:47:36,289 --> 00:47:41,389  
every year I think ah still hot I think

1207  
00:47:39,409 --> 00:47:44,088  
Fred the cat is actually lying some ways

1208  
00:47:41,389 --> 00:47:46,098  
probably in the bathtub because that's a

1209  
00:47:44,088 --> 00:47:51,320  
cool place for him to lie it is really a

1210  
00:47:46,099 --> 00:47:53,030  
hot sticky day in Sidney in a cup about

1211  
00:47:51,320 --> 00:47:54,740  
three weeks or so I'll be heading to

1212  
00:47:53,030 --> 00:47:57,440  
California for a little break to see

1213  
00:47:54,739 --> 00:47:59,239  
friends and family the show will keep

1214  
00:47:57,440 --> 00:48:01,070  
going I wonder who I can interview in

1215  
00:47:59,239 --> 00:48:04,219  
California I might catch up with Jeanie

1216  
00:48:01,070 --> 00:48:05,900  
Scott she's retired now but heavens

1217  
00:48:04,219 --> 00:48:07,368  
above she's a wonderful lady and worth

1218  
00:48:05,900 --> 00:48:10,970  
chatting to I'll see what I can do about

1219  
00:48:07,369 --> 00:48:13,400  
that but for this week hoping for a cool

1220  
00:48:10,969 --> 00:48:13,789  
change I hope there's a cool change on

1221  
00:48:13,400 --> 00:48:15,980  
the way

1222  
00:48:13,789 --> 00:48:21,679  
this is Richard Saunders signing off

1223  
00:48:15,980 --> 00:48:25,010  
from Sydney Australia you've been

1224  
00:48:21,679 --> 00:48:26,858  
listening to the skeptic zone visit our

1225  
00:48:25,010 --> 00:48:29,859  
web site at

1226

00:48:26,858 --> 00:48:29,858  
www.extracareanimalhospital.net