

**THE
SKEPTIC
ZONE
PODCAST**

www.skepticzone.tv

1
00:00:09,080 --> 00:00:05,960

[Music]

2
00:00:11,830 --> 00:00:09,090

welcome to the skeptic zone the podcast

3
00:00:13,910 --> 00:00:11,840

from Australia for science and reason

4
00:00:22,080 --> 00:00:13,920

[Music]

5
00:00:28,330 --> 00:00:24,700

hello and welcome to the skeptic zone

6
00:00:31,359 --> 00:00:28,340

podcast episode number 440 I wonder what

7
00:00:35,829 --> 00:00:31,369

that means for the numerologists out

8
00:00:39,250 --> 00:00:35,839

there for 40 no 4 plus 48 plus zero is

9
00:00:40,569 --> 00:00:39,260

still eight so it's an eight divide it

10
00:00:44,619 --> 00:00:40,579

by the number your first thought of

11
00:00:47,079 --> 00:00:44,629

which is 362 plus the 60 carrier the two

12
00:00:50,969 --> 00:00:47,089

everywhere welcome to the skeptic zone

13
00:00:53,740 --> 00:00:50,979

episode number 444 the 26th of March

14
00:00:56,890 --> 00:00:53,750
2017 Richard Saunders here with you from

15
00:01:01,719 --> 00:00:56,900
Sydney Australia 2 plus there are 2 plus

16
00:01:03,460 --> 00:01:01,729
1 is 3 plus 10 as I don't know it yes

17
00:01:06,550 --> 00:01:03,470
I've been looking into numerology lately

18
00:01:09,219 --> 00:01:06,560
as part of the prediction project I'm

19
00:01:12,010 --> 00:01:09,229
doing this year some people use

20
00:01:14,980 --> 00:01:12,020
numerology to predict the future good

21
00:01:17,760 --> 00:01:14,990
luck more about project prediction and

22
00:01:20,920 --> 00:01:17,770
update from what I told you last week

23
00:01:22,660 --> 00:01:20,930
towards the end of the show it's really

24
00:01:26,200 --> 00:01:22,670
interesting to look at predictions over

25
00:01:27,910 --> 00:01:26,210
the last 17 years but we're going to

26

00:01:31,180 --> 00:01:27,920

kick off this week's show with a look at

27

00:01:33,870 --> 00:01:31,190

a device called geo cleanse which is a

28

00:01:37,300 --> 00:01:33,880

lump of resin you plug into the wall and

29

00:01:39,280 --> 00:01:37,310

does nothing but it will cost you one

30

00:01:40,870 --> 00:01:39,290

hundred and fifty dollars what is it why

31

00:01:43,390 --> 00:01:40,880

are people paying a hundred and fifty

32

00:01:46,090 --> 00:01:43,400

dollars for a block of her plastic or

33

00:01:48,280 --> 00:01:46,100

resin which does nothing find out as we

34

00:01:52,690 --> 00:01:48,290

bring you a review from the good people

35

00:01:55,660 --> 00:01:52,700

at choice magazine oh yes the old orgone

36

00:01:57,910 --> 00:01:55,670

energy at it again and following that

37

00:02:00,609 --> 00:01:57,920

it's Heidi Robertson back again with her

38

00:02:03,430 --> 00:02:00,619

raw skeptic report this week she's an

39

00:02:04,840 --> 00:02:03,440

angry gardener no she's so angry she's

40

00:02:07,539 --> 00:02:04,850

looking at something called aggro

41

00:02:10,089 --> 00:02:07,549

homeopathy no this isn't being angry

42

00:02:13,420 --> 00:02:10,099

really it's to do with treating plants

43

00:02:16,660 --> 00:02:13,430

with magical sugar water yes homeopathy

44

00:02:18,729 --> 00:02:16,670

for plants what's that about sounds

45

00:02:20,710 --> 00:02:18,739

pretty crazy to me find out with the raw

46

00:02:22,750 --> 00:02:20,720

skeptic report a little bit later on in

47

00:02:24,880 --> 00:02:22,760

the show also this week we have some

48

00:02:28,600 --> 00:02:24,890

more brouhaha for you with kelly wang

49

00:02:30,220 --> 00:02:28,610

from australia science TV Kelly's going

50

00:02:32,740 --> 00:02:30,230

to be looking at the latest in

51
00:02:37,030 --> 00:02:32,750
mation the latest discoveries about

52
00:02:41,800 --> 00:02:37,040
dinosaurs and could cause a rethink of

53
00:02:44,789 --> 00:02:41,810
the dinosaur family tree interesting

54
00:02:48,430 --> 00:02:44,799
stuff brouhaha coming up a bit later on

55
00:02:52,420 --> 00:02:48,440
now I was unable to do my regular radio

56
00:02:54,520 --> 00:02:52,430
spot this week here in Sydney so uh the

57
00:02:55,900 --> 00:02:54,530
last moment Tim mendham who we often

58
00:02:58,780 --> 00:02:55,910
quote here on the skeptic zone and you

59
00:03:01,330 --> 00:02:58,790
hear from time to time filled in for me

60
00:03:04,210 --> 00:03:01,340
and he was talking to Mike Williams

61
00:03:06,160 --> 00:03:04,220
about cryptozoology Bigfoot monsters

62
00:03:09,699 --> 00:03:06,170
Loch Ness big cats all that sort of

63
00:03:13,599 --> 00:03:09,709

stuff and you can listen to Tim's

64

00:03:15,099 --> 00:03:13,609

segment by visiting skeptic zone TV and

65

00:03:17,559 --> 00:03:15,109

looking at the show notes for this

66

00:03:20,319 --> 00:03:17,569

week's episode and you'll find it at the

67

00:03:22,080 --> 00:03:20,329

bottom of the running order do creatures

68

00:03:24,729 --> 00:03:22,090

like Bigfoot and Loch Ness monster

69

00:03:26,770 --> 00:03:24,739

exists and speaking of our other

70

00:03:29,170 --> 00:03:26,780

skeptical type people my very good

71

00:03:31,300 --> 00:03:29,180

friend Ian Bryce from Australian

72

00:03:33,699 --> 00:03:31,310

skeptics will be visiting Melbourne

73

00:03:36,670 --> 00:03:33,709

pretty soon and he'll be giving a public

74

00:03:40,240 --> 00:03:36,680

talk at the more d alec skeptics on the

75

00:03:43,180 --> 00:03:40,250

11th of april all about gravity waves

76

00:03:47,229 --> 00:03:43,190

hitting he knows a lot he knows more

77

00:03:50,140 --> 00:03:47,239

about gravity waves then well me or you

78

00:03:52,300 --> 00:03:50,150

my bet he's very knowledgeable very

79

00:03:54,460 --> 00:03:52,310

knowledgeable man if you want to hear

80

00:03:56,500 --> 00:03:54,470

his talk all about gravity waves on the

81

00:03:59,289 --> 00:03:56,510

11th of april check out the maury

82

00:04:01,599 --> 00:03:59,299

skeptics and i'll supply a link on the

83

00:04:05,129 --> 00:04:01,609

show notes or just go to facebook and do

84

00:04:08,319 --> 00:04:05,139

a search for Morty skeptics mor di

85

00:04:09,759 --> 00:04:08,329

skeptics oh and all my excitement for

86

00:04:12,729 --> 00:04:09,769

this week I forgot to give you a weather

87

00:04:15,580 --> 00:04:12,739

update for Sydney hot and steamy the

88

00:04:18,490 --> 00:04:15,590

rain has gone away for the moment gopher

89

00:04:20,229 --> 00:04:18,500

we've had a wet March so far and has

90

00:04:21,940 --> 00:04:20,239

been replaced by bright brilliant

91

00:04:23,680 --> 00:04:21,950

sunshine which of course is making

92

00:04:26,740 --> 00:04:23,690

everything steamy you should see the

93

00:04:31,839 --> 00:04:26,750

grass by the way around sydney because

94

00:04:34,330 --> 00:04:31,849

it's been so wet and so warm the grass

95

00:04:35,980 --> 00:04:34,340

in the parks and on the near the

96

00:04:39,070 --> 00:04:35,990

footpaths the sidewalks has just gone

97

00:04:40,839 --> 00:04:39,080

crazy it's a jungle out there but today

98

00:04:43,920 --> 00:04:40,849

at least the sun is shining which is

99

00:04:45,940 --> 00:04:43,930

good for washing yes it's good for

100

00:04:49,090 --> 00:04:45,950

but now it's time for me to run

101
00:04:52,690 --> 00:04:49,100
downstairs and fix myself some poached

102
00:04:56,250 --> 00:04:52,700
eggs on wholemeal toast or sourdough

103
00:04:59,860 --> 00:04:56,260
toast I think with a side of mushrooms

104
00:05:02,520 --> 00:04:59,870
bit of pepper just a splash of Tabasco

105
00:05:04,720 --> 00:05:02,530
sauce because I like that sort of stuff

106
00:05:07,450 --> 00:05:04,730
mmm sounds pretty good to me while I'm

107
00:05:08,790 --> 00:05:07,460
enjoying that I hope you enjoy the

108
00:05:29,249 --> 00:05:08,800
skeptic zone

109
00:05:32,770 --> 00:05:29,259
[Music]

110
00:05:36,010 --> 00:05:32,780
as longtime skeptic zone listeners will

111
00:05:38,589 --> 00:05:36,020
certainly know every year sometimes

112
00:05:41,499 --> 00:05:38,599
twice a year I another skeptics like to

113
00:05:43,600 --> 00:05:41,509

go to the local festival of mind body

114

00:05:46,629 --> 00:05:43,610

spirit otherwise known to us of course

115

00:05:49,540 --> 00:05:46,639

as mind-body wallet one of the companies

116

00:05:52,959 --> 00:05:49,550

I've seen exhibited and selling products

117

00:05:56,890 --> 00:05:52,969

a year after year as a company called or

118

00:05:58,839 --> 00:05:56,900

gone effects Australia now this is an

119

00:06:02,399 --> 00:05:58,849

outfit that sells no end of products

120

00:06:07,540 --> 00:06:02,409

based around the mythical orgone energy

121

00:06:11,439 --> 00:06:07,550

something invented or dreamt up by one

122

00:06:13,450 --> 00:06:11,449

vilhelm Reich last century and I'll go

123

00:06:15,040 --> 00:06:13,460

into a bit more of that next week I

124

00:06:17,020 --> 00:06:15,050

think because there is more to this

125

00:06:19,930 --> 00:06:17,030

story than will cover today now they

126
00:06:23,680 --> 00:06:19,940
sell wrist bands which harmonize your

127
00:06:26,379 --> 00:06:23,690
body mobile phone and Wi-Fi radiation

128
00:06:28,529 --> 00:06:26,389
Harmonizers a little sticky you put on

129
00:06:34,719 --> 00:06:28,539
the back of your watch which is a

130
00:06:37,180 --> 00:06:34,729
harmonizer somehow lots of resin

131
00:06:41,769 --> 00:06:37,190
pendants and things like that ionic shoe

132
00:06:44,110 --> 00:06:41,779
insoles car EMR Harmonizers schumann

133
00:06:47,640 --> 00:06:44,120
generators which looks like to be a blob

134
00:06:50,469 --> 00:06:47,650
of resin once again aircraft cabin

135
00:06:54,219 --> 00:06:50,479
harmonizes another block of resin water

136
00:06:57,309 --> 00:06:54,229
and food energizer plates ionic

137
00:06:59,649 --> 00:06:57,319
toothbrush however that works I can't

138
00:07:02,170 --> 00:06:59,659

imagine a patch you can stick into the

139

00:07:05,830 --> 00:07:02,180

back of your shirt cloth harmonize a

140

00:07:07,749 --> 00:07:05,840

patch the list goes on but it would

141

00:07:12,399 --> 00:07:07,759

appear one of their better selling items

142

00:07:14,740 --> 00:07:12,409

is the Geo cleanse home harmonizer for a

143

00:07:16,930 --> 00:07:14,750

hundred and fifty dollars this is a

144

00:07:20,050 --> 00:07:16,940

block of resin about an inch by two

145

00:07:22,959 --> 00:07:20,060

inches or something like five

146

00:07:26,050 --> 00:07:22,969

centimeters by 10 centimeters and it

147

00:07:29,860 --> 00:07:26,060

plugs into a power outlet and

148

00:07:32,050 --> 00:07:29,870

if I remember what I was told you don't

149

00:07:35,200 --> 00:07:32,060

even have to turn the power outlet on

150

00:07:36,550 --> 00:07:35,210

for this thing to have an effect hmm so

151

00:07:38,860 --> 00:07:36,560

confident are the company in this

152

00:07:41,110 --> 00:07:38,870

product they even produced a short

153

00:07:43,360 --> 00:07:41,120

commercial which I'll play now feeling

154

00:07:45,640 --> 00:07:43,370

physical symptoms of lethargy nausea

155

00:07:47,560 --> 00:07:45,650

headaches and other discomfort it could

156

00:07:49,300 --> 00:07:47,570

be from the electromagnetic radiation

157

00:07:51,610 --> 00:07:49,310

being emitted from your digital TV

158

00:07:53,980 --> 00:07:51,620

screen or microwave geo cleanse is a

159

00:07:55,840 --> 00:07:53,990

solid-state negative ion generator it

160

00:07:57,850 --> 00:07:55,850

balances the positive i am known as

161

00:07:59,500 --> 00:07:57,860

harmful energy with so many appliances

162

00:08:01,960 --> 00:07:59,510

in your home emitting electromagnetic

163

00:08:03,760 --> 00:08:01,970

energy the wise move to protect your

164

00:08:06,219 --> 00:08:03,770

family's health is to invest energy

165

00:08:08,980 --> 00:08:06,229

oaklands well some months ago after

166

00:08:11,530 --> 00:08:08,990

seeing this company or going effects

167

00:08:14,740 --> 00:08:11,540

once more at the mind-body wallet

168

00:08:16,360 --> 00:08:14,750

festival in fact the bizarre thing is

169

00:08:21,670 --> 00:08:16,370

and i'll be covering more of this next

170

00:08:23,590 --> 00:08:21,680

week as soon as they saw me walking

171

00:08:26,800 --> 00:08:23,600

along the particular aisle where their

172

00:08:29,650 --> 00:08:26,810

their store was they ran and got

173

00:08:31,420 --> 00:08:29,660

security so by the time I actually

174

00:08:34,120 --> 00:08:31,430

reached their store they had a security

175

00:08:39,490 --> 00:08:34,130

guard that so I couldn't even talk to

176

00:08:41,829 --> 00:08:39,500

them why because last year I spoke to

177

00:08:44,230 --> 00:08:41,839

one of the representatives for about 10

178

00:08:47,079 --> 00:08:44,240

minutes or so explaining my point of

179

00:08:50,020 --> 00:08:47,089

view and offering him the Australian

180

00:08:52,090 --> 00:08:50,030

skeptics \$100,000 prize which he

181

00:08:56,050 --> 00:08:52,100

listened you listen to me and it was all

182

00:08:58,780 --> 00:08:56,060

very civil but haha you can do strange

183

00:09:00,700 --> 00:08:58,790

things and it appears now the last thing

184

00:09:03,400 --> 00:09:00,710

they want is skeptical attention I

185

00:09:06,760 --> 00:09:03,410

wonder why if their products work I

186

00:09:08,260 --> 00:09:06,770

wonder why but it appears that the

187

00:09:11,890 --> 00:09:08,270

Australian skeptics aren't the only

188

00:09:13,570 --> 00:09:11,900

people who are somewhat skeptical of the

189

00:09:15,850 --> 00:09:13,580

products being sold by organ effects

190

00:09:19,329 --> 00:09:15,860

Australia and our friends at choice

191

00:09:22,329 --> 00:09:19,339

magazine have reviewed this geo cleanse

192

00:09:28,750 --> 00:09:22,339

device and this appears on the choice

193

00:09:32,440 --> 00:09:28,760

website wwwcom a you and an article by

194

00:09:35,650 --> 00:09:32,450

Ashley I adale and don't forget that

195

00:09:38,320 --> 00:09:35,660

choice magazine is completely

196

00:09:39,500 --> 00:09:38,330

independent although they can receive

197

00:09:41,030 --> 00:09:39,510

tips

198

00:09:42,380 --> 00:09:41,040

about products from members of the

199

00:09:44,540 --> 00:09:42,390

public in fact I think they're quite

200

00:09:47,450 --> 00:09:44,550

happy to receive tips on products by

201
00:09:51,230 --> 00:09:47,460
members of the public after that it's

202
00:09:52,940 --> 00:09:51,240
completely at arm's length so if a

203
00:09:55,070 --> 00:09:52,950
certain skeptic you may have heard about

204
00:09:59,390 --> 00:09:55,080
actually tipped them off to this product

205
00:10:03,020 --> 00:09:59,400
that was the last this certain skeptic

206
00:10:05,390 --> 00:10:03,030
would have heard about it until until we

207
00:10:08,930 --> 00:10:05,400
read on their website published on the

208
00:10:12,410 --> 00:10:08,940
6th of March 2017 geo cleanse home

209
00:10:14,240 --> 00:10:12,420
harmonizer review does this device help

210
00:10:18,410 --> 00:10:14,250
you feel less physically and emotionally

211
00:10:22,400 --> 00:10:18,420
drained or does it just drain your bank

212
00:10:24,770 --> 00:10:22,410
account good vibes guaranteed the Geo

213
00:10:27,290 --> 00:10:24,780

cleansing home harmonizer promises to

214

00:10:31,100 --> 00:10:27,300

neutralize electromagnetic radiation

215

00:10:33,790 --> 00:10:31,110

radio frequencies and cosmic energy all

216

00:10:36,590 --> 00:10:33,800

of which can apparently sap your energy

217

00:10:39,350 --> 00:10:36,600

rob you of sleep and drain your life

218

00:10:42,650 --> 00:10:39,360

force in our modern world these things

219

00:10:45,200 --> 00:10:42,660

are impossible to avoid but this solid

220

00:10:49,280 --> 00:10:45,210

block of plastic promises to bring an

221

00:10:51,800 --> 00:10:49,290

end to your suffering do you need it the

222

00:10:54,680 --> 00:10:51,810

sunlight glints off the hologram in your

223

00:10:56,840 --> 00:10:54,690

powerband wristband as you pilot your

224

00:11:00,140 --> 00:10:56,850

energy polarizer equipped brought

225

00:11:02,930 --> 00:11:00,150

commodore homewood you're confident that

226

00:11:05,780 --> 00:11:02,940

the energy flows of both your car and

227

00:11:08,440 --> 00:11:05,790

occupant are safely aligned but you're

228

00:11:11,420 --> 00:11:08,450

still troubled you wonder to yourself

229

00:11:14,270 --> 00:11:11,430

your family having long since refused to

230

00:11:16,970 --> 00:11:14,280

travel with you how you can read your

231

00:11:19,430 --> 00:11:16,980

home and or office of negative effects

232

00:11:22,400 --> 00:11:19,440

of electromagnetic radiation while at

233

00:11:24,830 --> 00:11:22,410

the same time freeing your wallet of

234

00:11:26,780 --> 00:11:24,840

that bird ism one hundred and fifty

235

00:11:29,420 --> 00:11:26,790

dollars for which you have no useful

236

00:11:32,510 --> 00:11:29,430

purpose luckily all gone affects

237

00:11:38,180 --> 00:11:32,520

Australia has the solution introducing

238

00:11:41,390 --> 00:11:38,190

Geo cleanse so what is it a solid block

239

00:11:44,420 --> 00:11:41,400
of green plastic resin with a plug

240

00:11:47,000 --> 00:11:44,430
molded into the back geo cleanses sold

241

00:11:49,820 --> 00:11:47,010
as a quote geo pathak stress and

242

00:11:51,980 --> 00:11:49,830
electromagnetic radiation harmonizer end

243

00:11:53,330 --> 00:11:51,990
quote when plugged into the power point

244

00:11:56,870 --> 00:11:53,340
its claim to new

245

00:12:00,560 --> 00:11:56,880
relies the effects of a startlingly long

246

00:12:04,340 --> 00:12:00,570
list of supposedly harmful radiation and

247

00:12:07,310 --> 00:12:04,350
radio and electromagnetic frequencies

248

00:12:11,950 --> 00:12:07,320
from sources such as Wi-Fi mobile phone

249

00:12:16,370 --> 00:12:11,960
towers death in prints and negative

250

00:12:18,800 --> 00:12:16,380
psychic impressions solar flares your

251
00:12:21,530 --> 00:12:18,810
home's smart meter and even your

252
00:12:23,780 --> 00:12:21,540
neighbors television unlike other fake

253
00:12:25,340 --> 00:12:23,790
energy Harmonizers which all gone

254
00:12:28,820 --> 00:12:25,350
effects Australia claimed can only

255
00:12:32,180 --> 00:12:28,830
create imaginary energy balancing fields

256
00:12:34,520 --> 00:12:32,190
of 6 meters or less geo cleansers claim

257
00:12:36,560 --> 00:12:34,530
to harmonize electromagnetic radiation

258
00:12:39,410 --> 00:12:36,570
fields and energy and printing from

259
00:12:41,660 --> 00:12:39,420
electrical appliances wiring and power

260
00:12:44,450 --> 00:12:41,670
lines up to 200 metres from your

261
00:12:47,540 --> 00:12:44,460
property and the earth magnetic grid

262
00:12:50,000 --> 00:12:47,550
lines up to 400 meters away

263
00:12:51,620 --> 00:12:50,010

coincidentally this is how why do the

264

00:12:54,650 --> 00:12:51,630

birth your friends will give you once

265

00:12:57,230 --> 00:12:54,660

you explain the benefits of your

266

00:12:59,780 --> 00:12:57,240

expensive new doorstop a single geo

267

00:13:02,420 --> 00:12:59,790

cleansing home harmonizer is even powerful

268

00:13:05,120 --> 00:13:02,430

enough to harmonize interdimensional

269

00:13:07,100 --> 00:13:05,130

imprinting radiation personal beams and

270

00:13:10,880 --> 00:13:07,110

a variety of other made up stuff for up

271

00:13:14,240 --> 00:13:10,890

to 12 acres or for an entire 59 storey

272

00:13:17,210 --> 00:13:14,250

building still not convinced the proof

273

00:13:20,360 --> 00:13:17,220

lies in impressive Kirlian biofeedback

274

00:13:22,730 --> 00:13:20,370

photography and dubious technique which

275

00:13:25,580 --> 00:13:22,740

is claimed to capture a subjects mood

276

00:13:28,870 --> 00:13:25,590

and well-being on film a claim which

277

00:13:31,640 --> 00:13:28,880

various studies have repeatedly debunked

278

00:13:33,770 --> 00:13:31,650

digging into the pseudo science behind

279

00:13:36,170 --> 00:13:33,780

Geo cleanse reveals it's based on

280

00:13:38,420 --> 00:13:36,180

principles of autonomy which is

281

00:13:41,690 --> 00:13:38,430

described as the field of esoteric

282

00:13:46,010 --> 00:13:41,700

energy or hypothetical universal life

283

00:13:49,610 --> 00:13:46,020

force organ ami was pioneered by dr.

284

00:13:52,160 --> 00:13:49,620

Wilhelm Reich an Austrian psychoanalyst

285

00:13:53,840 --> 00:13:52,170

who died while serving time for refusing

286

00:13:56,570 --> 00:13:53,850

to obey an injunction against selling

287

00:13:59,030 --> 00:13:56,580

quack medical devices ergonomic

288

00:14:01,700 --> 00:13:59,040

principles also inspired the

289

00:14:04,310 --> 00:14:01,710

mentioned Brock energy polarizer a

290

00:14:06,400 --> 00:14:04,320

device of magnets and crystals that the

291

00:14:09,249 --> 00:14:06,410

australian car racing champ Peter

292

00:14:13,660 --> 00:14:09,259

Rock claimed improved car performance

293

00:14:16,090 --> 00:14:13,670

and as a side note Peter Brock won the

294

00:14:18,730 --> 00:14:16,100

Australian skeptics bent spoon award for

295

00:14:22,540 --> 00:14:18,740

this claim way back in the 1980s choice

296

00:14:25,319 --> 00:14:22,550

testing excited to rid the choice labs

297

00:14:28,030 --> 00:14:25,329

of the imprints of previous occupants

298

00:14:29,949 --> 00:14:28,040

emotional distress and illness we put

299

00:14:32,230 --> 00:14:29,959

Geo cleanse through its paces in a

300

00:14:35,230 --> 00:14:32,240

laboratory setting using sensitive

301
00:14:40,269 --> 00:14:35,240
instruments to test every measurable

302
00:14:42,249 --> 00:14:40,279
claim we tested geo cleansers impact on

303
00:14:44,499 --> 00:14:42,259
the Earth's magnetic field by placing it

304
00:14:46,840 --> 00:14:44,509
next to a sensitive magnetic compass and

305
00:14:50,530 --> 00:14:46,850
measuring the deviation of the compass

306
00:14:53,949 --> 00:14:50,540
needle the needle was unmoved as we have

307
00:14:55,629 --> 00:14:53,959
been by geo cleansers claims we measured

308
00:14:58,110 --> 00:14:55,639
where the Geo cleanse increased the

309
00:15:00,939 --> 00:14:58,120
number of photons in the atmosphere by

310
00:15:03,970 --> 00:15:00,949
suspending a light meter over it as we

311
00:15:06,220 --> 00:15:03,980
turned it on and off even in a darkened

312
00:15:09,009 --> 00:15:06,230
room we found the lack of any measurable

313
00:15:10,809 --> 00:15:09,019

change was most enlightening we measured

314

00:15:13,840 --> 00:15:10,819

its ability to increase the oxygen

315

00:15:16,389 --> 00:15:13,850

levels in a room by comparing oxygen

316

00:15:19,990 --> 00:15:16,399

levels after using the Geo cleanse for

317

00:15:23,740 --> 00:15:20,000

five minutes as a baseline oxygen was at

318

00:15:26,410 --> 00:15:23,750

a constant 20.9 percent for both results

319

00:15:29,800 --> 00:15:26,420

so this claim turned out to be full of

320

00:15:32,949 --> 00:15:29,810

hot air we measured geo cleanse effects

321

00:15:35,199 --> 00:15:32,959

on electromagnetic fields from a

322

00:15:39,100 --> 00:15:35,209

computer monitor and a power transformer

323

00:15:41,170 --> 00:15:39,110

using a multi field EMF meter both

324

00:15:44,410 --> 00:15:41,180

electrical appliances generated strong

325

00:15:46,809 --> 00:15:44,420

EMF fields but we found geo cleansers

326

00:15:49,780 --> 00:15:46,819

inability to make any difference quite

327

00:15:52,030 --> 00:15:49,790

shocking as geo cleanse is said to be

328

00:15:54,970 --> 00:15:52,040

effective because it generates negative

329

00:15:57,999 --> 00:15:54,980

ions we compared it to a known source of

330

00:15:59,889 --> 00:15:58,009

negative ions with an electro meter

331

00:16:02,769 --> 00:15:59,899

despite strong performance from our

332

00:16:06,759 --> 00:16:02,779

commercial negative ion generator geo

333

00:16:09,759 --> 00:16:06,769

cleanse generated no ions whatsoever and

334

00:16:12,549 --> 00:16:09,769

the only thing negative was our opinion

335

00:16:14,049 --> 00:16:12,559

of it finally we even conducted one of

336

00:16:17,049 --> 00:16:14,059

all gone effects Australia's own

337

00:16:20,290 --> 00:16:17,059

recommended tests placing the palm of

338

00:16:22,690 --> 00:16:20,300

your hand on a fringe with geo cleanse

339

00:16:25,510 --> 00:16:22,700

the fridge toucha should experience a

340

00:16:28,660 --> 00:16:25,520

calming energizing sensation through the

341

00:16:32,080 --> 00:16:28,670

body our test subjects despite extensive

342

00:16:35,290 --> 00:16:32,090

experience touching fridges reported no

343

00:16:37,960 --> 00:16:35,300

effect however we did substantiate one

344

00:16:40,690 --> 00:16:37,970

of geo cleansers claims that it uses

345

00:16:43,600 --> 00:16:40,700

absolutely no power hardly surprising

346

00:16:45,910 --> 00:16:43,610

for an inert lump of plastic but it does

347

00:16:48,220 --> 00:16:45,920

beg the question as to why you need to

348

00:16:50,170 --> 00:16:48,230

plug it in at all perhaps it's to

349

00:16:54,010 --> 00:16:50,180

distract you from the large sum of money

350

00:16:56,200 --> 00:16:54,020

you just wasted choice verdict our

351
00:16:59,260 --> 00:16:56,210
testing shows geo cleanse has all the

352
00:17:01,240 --> 00:16:59,270
effectiveness of a tin foil hat but

353
00:17:04,240 --> 00:17:01,250
lacks the hats potential to be used for

354
00:17:06,040 --> 00:17:04,250
food preparation so if you are thinking

355
00:17:08,110 --> 00:17:06,050
of blowing a hundred and fifty dollars

356
00:17:11,410 --> 00:17:08,120
on the block of plastic with a plug on

357
00:17:14,170 --> 00:17:11,420
it why not buy a roll of aluminium foil

358
00:17:17,590 --> 00:17:14,180
instead the money you save could buy you

359
00:17:25,120 --> 00:17:17,600
a subscription to choice a resource

360
00:17:27,040 --> 00:17:25,130
that's been proven to work and that

361
00:17:29,170 --> 00:17:27,050
review of the Geo cleanse from all gone

362
00:17:32,130 --> 00:17:29,180
effects Australia was brought to us by

363
00:17:35,020 --> 00:17:32,140

the good people at choice magazine a

364

00:17:36,880 --> 00:17:35,030

magazine I read regularly here in

365

00:17:38,200 --> 00:17:36,890

Australia and I encourage you if you're

366

00:17:42,280 --> 00:17:38,210

in Australia to visit their website

367

00:17:44,560 --> 00:17:42,290

choice come to you and why not become a

368

00:17:46,540 --> 00:17:44,570

subscriber they do independent testing

369

00:17:49,630 --> 00:17:46,550

as I said before of a range of consumer

370

00:17:51,400 --> 00:17:49,640

products and it's a great benchmark if

371

00:17:54,340 --> 00:17:51,410

you're interested in buying something

372

00:17:56,590 --> 00:17:54,350

new but more about organic effects

373

00:18:01,370 --> 00:17:56,600

Australia and some of the other

374

00:18:16,580 --> 00:18:13,180

[Music]

375

00:18:18,950 --> 00:18:16,590

calling all skeptics or listeners do you

376

00:18:21,260 --> 00:18:18,960

live in or near Glasgow or are you

377

00:18:23,720 --> 00:18:21,270

planning to visit something then you're

378

00:18:26,960 --> 00:18:23,730

in luck because it Glasgow skeptics I've

379

00:18:28,640 --> 00:18:26,970

got your monday nights sorted we are

380

00:18:30,920 --> 00:18:28,650

committed to filling up every available

381

00:18:33,980 --> 00:18:30,930

Monday night talks on science and

382

00:18:36,200 --> 00:18:33,990

skepticism past speakers include Eugenie

383

00:18:38,240 --> 00:18:36,210

Scott Jerry Coyne maker Marshall neat

384

00:18:40,970 --> 00:18:38,250

Phelps torment Cecil from cognitive

385

00:18:43,670 --> 00:18:40,980

dissonance PZ Myers Richard Wiseman a

386

00:18:46,220 --> 00:18:43,680

sea drilling nor Heath and Eli from the

387

00:18:48,500 --> 00:18:46,230

scaling atheist Simon Singh rebecca

388

00:18:51,320 --> 00:18:48,510

watson and a multitude of local

389

00:18:52,970 --> 00:18:51,330

academics and skeptics there's literally

390

00:18:55,280 --> 00:18:52,980

nothing better you can do on a monday

391

00:18:57,620 --> 00:18:55,290

night in classical it doesn't involve

392

00:18:59,780 --> 00:18:57,630

taking your clothes off so come join us

393

00:19:01,760 --> 00:18:59,790

we've also got a vibrant online

394

00:19:03,620 --> 00:19:01,770

community you can find us on facebook

395

00:19:06,620 --> 00:19:03,630

twitter and get involved with the

396

00:19:08,310 --> 00:19:06,630

discussion class go skeptics self-help

397

00:19:13,480 --> 00:19:08,320

for your brain

398

00:19:15,390 --> 00:19:13,490

[Music]

399

00:19:24,669 --> 00:19:15,400

[Applause]

400

00:19:38,180 --> 00:19:28,639

it's the raw skeptic report with Heidi

401
00:19:39,649 --> 00:19:38,190
Robertson hello everyone it's Heidi

402
00:19:43,639 --> 00:19:39,659
Robertson from the Northern Rivers

403
00:19:46,810 --> 00:19:43,649
vaccination supporters skeptics know all

404
00:19:50,509 --> 00:19:46,820
about the improbability of homeopathy

405
00:19:53,330 --> 00:19:50,519
the principles of like cures like and

406
00:19:55,519 --> 00:19:53,340
sir kush in' involving the original

407
00:19:58,070 --> 00:19:55,529
active ingredient being progressively

408
00:20:01,159 --> 00:19:58,080
diluted and therefore somehow more

409
00:20:05,180 --> 00:20:01,169
potent as the water retains a memory of

410
00:20:07,519 --> 00:20:05,190
the original active ingredient often the

411
00:20:09,710 --> 00:20:07,529
end product will contain no trace of the

412
00:20:11,990 --> 00:20:09,720
original substance in it it is literally

413
00:20:15,289 --> 00:20:12,000

a sugar pill or liquid that is given to

414

00:20:18,110 --> 00:20:15,299

the patient to cure all of the ills it's

415

00:20:21,200 --> 00:20:18,120

easy to laugh at this modality the

416

00:20:24,680 --> 00:20:21,210

absurdity of it the kind of witchcraft

417

00:20:26,360 --> 00:20:24,690

like vibe of it until you consider how

418

00:20:30,049 --> 00:20:26,370

dangerous it can be in certain

419

00:20:32,659 --> 00:20:30,059

situations but how can it be dangerous

420

00:20:35,779 --> 00:20:32,669

taking a sugar pill with no active

421

00:20:40,700 --> 00:20:35,789

ingredient you ask let me give you just

422

00:20:42,440 --> 00:20:40,710

a couple of real life examples a friend

423

00:20:45,159 --> 00:20:42,450

of mine suffers from a life-threatening

424

00:20:48,200 --> 00:20:45,169

allergy otherwise known as anaphylaxis

425

00:20:50,870 --> 00:20:48,210

his reaction is as a result of tick

426

00:20:53,029 --> 00:20:50,880

bites he's allergic to a protein in the

427

00:20:55,659 --> 00:20:53,039

ticker saliva which is injected as the

428

00:20:58,820 --> 00:20:55,669

ticket draws blood out to feed itself

429

00:21:01,159 --> 00:20:58,830

anaphylaxis commonly occurs seconds to

430

00:21:02,779 --> 00:21:01,169

minutes after exposure resulting in

431

00:21:06,080 --> 00:21:02,789

swelling of the airways and a dangerous

432

00:21:08,419 --> 00:21:06,090

drop in blood pressure his reaction is

433

00:21:10,190 --> 00:21:08,429

so severe that he has had to put his

434

00:21:13,610 --> 00:21:10,200

country house on the market to move

435

00:21:16,129 --> 00:21:13,620

closer to a hospital in town he's had a

436

00:21:17,960 --> 00:21:16,139

couple of close calls before on one

437

00:21:20,210 --> 00:21:17,970

occasion his breathing was extremely

438

00:21:22,190 --> 00:21:20,220

labored he was blue and losing

439

00:21:24,610 --> 00:21:22,200

consciousness when the ambulance got to

440

00:21:27,260 --> 00:21:24,620

him of course he carries his adrenaline

441

00:21:29,180 --> 00:21:27,270

auto-injector everywhere with him and he

442

00:21:32,000 --> 00:21:29,190

had to self inject on more than one

443

00:21:34,250 --> 00:21:32,010

occasion there have been many instances

444

00:21:36,560 --> 00:21:34,260

that I've personally seen as a paramedic

445

00:21:38,150 --> 00:21:36,570

where the person has no time to even get

446

00:21:40,880 --> 00:21:38,160

to their bag to get the adrenaline

447

00:21:43,760 --> 00:21:40,890

that's how quickly these reactions can

448

00:21:46,040 --> 00:21:43,770

happen in fact the adrenaline

449

00:21:48,830 --> 00:21:46,050

auto-injector we use in Australia called

450

00:21:51,770 --> 00:21:48,840

the EpiPen has had a change of design

451
00:21:54,580 --> 00:21:51,780
from cylindrical to oval shaped as a

452
00:21:56,480 --> 00:21:54,590
result of an incident here in Australia

453
00:21:58,310 --> 00:21:56,490
there was a lady that had an

454
00:22:00,710 --> 00:21:58,320
anaphylactic reaction whilst alone in

455
00:22:03,530 --> 00:22:00,720
her house she reached up top of her

456
00:22:06,230 --> 00:22:03,540
fridge to retrieve her EpiPen dropped it

457
00:22:09,880 --> 00:22:06,240
it rolled under the fridge and she was

458
00:22:12,200 --> 00:22:09,890
unable to reach it she died as a result

459
00:22:16,010 --> 00:22:12,210
ok so there's no question that

460
00:22:17,840 --> 00:22:16,020
anaphylaxis is not to be trifled with so

461
00:22:19,820 --> 00:22:17,850
this friend of mine with a diagnosed and

462
00:22:21,830 --> 00:22:19,830
if Alexis had another well-meaning

463
00:22:24,770 --> 00:22:21,840

friend who took it upon themselves to

464

00:22:28,430 --> 00:22:24,780

visit a verbal medicinal shop to get him

465

00:22:30,470 --> 00:22:28,440

something to treat his anaphylaxis he

466

00:22:33,110 --> 00:22:30,480

was given a homeopathic preparation by

467

00:22:35,060 --> 00:22:33,120

the homeopath or naturopath on duty who

468

00:22:37,520 --> 00:22:35,070

did not feel it was necessary to see the

469

00:22:40,460 --> 00:22:37,530

actual patient or ask any further

470

00:22:42,650 --> 00:22:40,470

questions furthermore the preparation

471

00:22:44,810 --> 00:22:42,660

came with verbal instructions to take it

472

00:22:47,360 --> 00:22:44,820

prior to his EpiPen when having a

473

00:22:50,000 --> 00:22:47,370

life-threatening reaction the person was

474

00:22:51,770 --> 00:22:50,010

told to tell my anaphylactic friend that

475

00:22:53,990 --> 00:22:51,780

if he took the sugar water quickly

476

00:22:58,040 --> 00:22:54,000

enough he was probably not going to need

477

00:23:01,040 --> 00:22:58,050

the EpiPen at all the remedy was a 30 C

478

00:23:08,780 --> 00:23:01,050

preparation of now let me pronounce this

479

00:23:11,650 --> 00:23:08,790

badly EXO DS hollow Colossus which is a

480

00:23:13,670 --> 00:23:11,660

species of Australian paralysis tick

481

00:23:17,240 --> 00:23:13,680

Hanuman the founder of homeopathy

482

00:23:21,130 --> 00:23:17,250

thought that 30c delusions were most

483

00:23:23,450 --> 00:23:21,140

effective for most homeopathic remedies

484

00:23:25,670 --> 00:23:23,460

the homeopathic remedy that is

485

00:23:28,550 --> 00:23:25,680

reasonably likely to contain just one

486

00:23:33,440 --> 00:23:28,560

molecule of the original substance is 12

487

00:23:37,240 --> 00:23:33,450

C so we can be pretty assured that a 30

488

00:23:40,760 --> 00:23:37,250

C dilution contains none of the original

489

00:23:42,650 --> 00:23:40,770

ingredient so

490

00:23:44,840 --> 00:23:42,660

essentially my friend was given sugary

491

00:23:47,090 --> 00:23:44,850

magic water for a life-threatening

492

00:23:48,770 --> 00:23:47,100

condition without having been seen by

493

00:23:50,930 --> 00:23:48,780

the practitioner who thought it was

494

00:23:53,270 --> 00:23:50,940

perfectly reasonable to just pass it on

495

00:23:57,830 --> 00:23:53,280

with the verbal instructions via a third

496

00:24:00,140 --> 00:23:57,840

party not at all dodgy right I found out

497

00:24:02,030 --> 00:24:00,150

about all this accidentally when I was

498

00:24:05,060 --> 00:24:02,040

chatting to him one day and the subject

499

00:24:07,190 --> 00:24:05,070

of his anaphylaxis came up needless to

500

00:24:09,290 --> 00:24:07,200

say i put a complaint into the H Triple

501
00:24:11,600 --> 00:24:09,300
C which resulted in them calling the

502
00:24:14,270 --> 00:24:11,610
herbal shop who denied the entire

503
00:24:16,610 --> 00:24:14,280
incident had ever taken place despite

504
00:24:18,800 --> 00:24:16,620
photos I had sent in of the magic water

505
00:24:22,160 --> 00:24:18,810
preparation with their place of business

506
00:24:24,350 --> 00:24:22,170
clearly labeled on the bottle the aged

507
00:24:28,090 --> 00:24:24,360
Triple C told them to please not do it

508
00:24:30,020 --> 00:24:28,100
again a rather frustrating outcome

509
00:24:33,080 --> 00:24:30,030
anecdotally have heard that they have

510
00:24:35,210 --> 00:24:33,090
done similar things since another friend

511
00:24:37,310 --> 00:24:35,220
recently contacted me asking whom to

512
00:24:39,950 --> 00:24:37,320
complain to after the same herbal

513
00:24:41,750 --> 00:24:39,960

medicinal shop had prescribed a range of

514

00:24:44,660 --> 00:24:41,760

naturopathic preparations for her

515

00:24:48,290 --> 00:24:44,670

psychotic son who subsequently had to be

516

00:24:50,390 --> 00:24:48,300

hospitalized listeners may also be aware

517

00:24:51,890 --> 00:24:50,400

of homeo prophylaxis which involves

518

00:24:55,010 --> 00:24:51,900

homeopathic remedies that are designed

519

00:24:57,590 --> 00:24:55,020

to replace vaccinations that's right

520

00:24:59,540 --> 00:24:57,600

sugar pills or liquid that they claim

521

00:25:02,270 --> 00:24:59,550

will protect children and babies against

522

00:25:04,610 --> 00:25:02,280

diphtheria whooping cough measles and so

523

00:25:07,400 --> 00:25:04,620

on travelers can get home yet

524

00:25:09,440 --> 00:25:07,410

prophylaxis to even purchased online if

525

00:25:12,470 --> 00:25:09,450

traveling to countries or regions where

526
00:25:15,010 --> 00:25:12,480
malaria is endemic they can also order a

527
00:25:17,330 --> 00:25:15,020
homeopathic first aid kit to go with it

528
00:25:19,310 --> 00:25:17,340
it's clear to see how this brand of

529
00:25:22,610 --> 00:25:19,320
homeopathy is potentially extremely

530
00:25:24,680 --> 00:25:22,620
dangerous as well and may give people a

531
00:25:27,110 --> 00:25:24,690
false sense of security that they and

532
00:25:29,300 --> 00:25:27,120
their kids are actually protected when

533
00:25:32,720 --> 00:25:29,310
they most definitely are not from

534
00:25:35,030 --> 00:25:32,730
infectious diseases there are some

535
00:25:37,760 --> 00:25:35,040
applications for homeopathy that can

536
00:25:41,300 --> 00:25:37,770
safely be mocked and ridiculed rather

537
00:25:43,190 --> 00:25:41,310
than scaring the bejesus out of us the

538
00:25:45,500 --> 00:25:43,200

other day actually it was the other

539

00:25:46,880 --> 00:25:45,510

month actually it was last year that's

540

00:25:50,630 --> 00:25:46,890

how long I've been meaning to do this

541

00:25:52,910 --> 00:25:50,640

report i was up at my local cafe having

542

00:25:54,530 --> 00:25:52,920

ordered a morning maca and as i was

543

00:25:56,300 --> 00:25:54,540

waiting I grabbed a copy

544

00:25:59,210 --> 00:25:56,310

of one of the local rags that have been

545

00:26:01,040 --> 00:25:59,220

left on the table I often have a look at

546

00:26:03,470 --> 00:26:01,050

this particular newspaper to see what

547

00:26:05,210 --> 00:26:03,480

new weird and wacky pseudoscience has

548

00:26:08,780 --> 00:26:05,220

been spawned in the northern rivers

549

00:26:10,640 --> 00:26:08,790

lately so this particular morning as I

550

00:26:13,760 --> 00:26:10,650

was perusing the services offered by

551
00:26:16,460 --> 00:26:13,770
local crystal healers psychics thought

552
00:26:18,260 --> 00:26:16,470
leaders and remote horse healers I saw

553
00:26:21,050 --> 00:26:18,270
something I had not encountered before

554
00:26:25,190 --> 00:26:21,060
and nearly sustained a burn to my left

555
00:26:30,290 --> 00:26:25,200
nostril as I snorted my hot mocker have

556
00:26:33,320 --> 00:26:30,300
you ever heard of agro homeopathy no

557
00:26:36,140 --> 00:26:33,330
it's not sugar water that is really

558
00:26:39,320 --> 00:26:36,150
really angry although i think i will

559
00:26:43,010 --> 00:26:39,330
refer to it now as angry gardening it's

560
00:26:45,770 --> 00:26:43,020
homeopathy for your garden I'll read out

561
00:26:47,450 --> 00:26:45,780
bits of the article I'll change my voice

562
00:26:50,030 --> 00:26:47,460
a smidge when I come to the usual

563
00:26:53,930 --> 00:26:50,040

anti-science tropes which I'm sure you

564

00:26:56,750 --> 00:26:53,940

will all recognize quote aggro

565

00:26:59,750 --> 00:26:56,760

homeopathy is the use of homeopathic

566

00:27:01,310 --> 00:26:59,760

remedies on plants a google search will

567

00:27:04,090 --> 00:27:01,320

give you twenty eight thousand results

568

00:27:07,060 --> 00:27:04,100

as more and more people move away from

569

00:27:09,620 --> 00:27:07,070

chemicals and their inherent dangers

570

00:27:12,560 --> 00:27:09,630

toward natural therapies for themselves

571

00:27:14,710 --> 00:27:12,570

their pets and their gardens for too

572

00:27:17,540 --> 00:27:14,720

long now we have seen their so-called

573

00:27:20,030 --> 00:27:17,550

experts fiddling with our food to the

574

00:27:23,690 --> 00:27:20,040

point where much of it like genetically

575

00:27:26,780 --> 00:27:23,700

modified food as cards are forming many

576
00:27:28,310 --> 00:27:26,790
people are waking up to the fact that

577
00:27:31,430 --> 00:27:28,320
they are doing their families a great

578
00:27:34,100 --> 00:27:31,440
favor simply by growing a few organic

579
00:27:37,840 --> 00:27:34,110
veggies so let's take a closer look at

580
00:27:41,480 --> 00:27:37,850
agro therapy which is a chemical free

581
00:27:44,060 --> 00:27:41,490
non-toxic method of growing food and any

582
00:27:45,950 --> 00:27:44,070
other crops because agro therapy makes

583
00:27:48,710 --> 00:27:45,960
your plants resistant to disease and

584
00:27:51,950 --> 00:27:48,720
pests by strengthening them from the

585
00:27:54,260 --> 00:27:51,960
inside out agri therapy helps to

586
00:27:57,500 --> 00:27:54,270
strengthen the plant structure and inner

587
00:28:01,970 --> 00:27:57,510
workings to achieve optimal health end

588
00:28:03,440 --> 00:28:01,980

quote so I looked further online to see

589

00:28:05,930 --> 00:28:03,450

what other people had written about

590

00:28:08,330 --> 00:28:05,940

angry gardening and it came as no

591

00:28:11,510 --> 00:28:08,340

surprise that the website homie

592

00:28:13,970 --> 00:28:11,520

d plus run by Fran Sheffield has weighed

593

00:28:15,560 --> 00:28:13,980

in on the topic listeners may recall

594

00:28:17,510 --> 00:28:15,570

that the federal court of australia has

595

00:28:20,450 --> 00:28:17,520

found that homeopathy + and fran

596

00:28:22,460 --> 00:28:20,460

sheffield quote engaged in conduct that

597

00:28:24,560 --> 00:28:22,470

was misleading and deceptive always

598

00:28:27,019 --> 00:28:24,570

likely to mislead and deceive and quote

599

00:28:28,909 --> 00:28:27,029

when it declared on its website that the

600

00:28:32,510 --> 00:28:28,919

currently available vaccine for whooping

601
00:28:34,789 --> 00:28:32,520
cough was unreliable and ineffective so

602
00:28:37,039 --> 00:28:34,799
what did fran have to say about angry

603
00:28:40,850 --> 00:28:37,049
gardening she relates the following

604
00:28:43,460 --> 00:28:40,860
story on the website quote it began with

605
00:28:46,340 --> 00:28:43,470
an apple tree kaviraj author of the

606
00:28:49,100 --> 00:28:46,350
ground breaking book homeopathy for farm

607
00:28:50,720 --> 00:28:49,110
and garden turned his attention to agro

608
00:28:53,600 --> 00:28:50,730
homeopathy the use of homeopathic

609
00:28:56,899 --> 00:28:53,610
remedies on plants and soil following a

610
00:28:59,360 --> 00:28:56,909
chance discovery in Switzerland in 1986

611
00:29:01,490 --> 00:28:59,370
I was treating a family and their

612
00:29:04,130 --> 00:29:01,500
animals who are patients of mine he says

613
00:29:06,470 --> 00:29:04,140

the mother of the family asked if it was

614

00:29:08,630 --> 00:29:06,480

possible to use homeopathy on plants and

615

00:29:11,090 --> 00:29:08,640

I told her it was although I knew

616

00:29:13,310 --> 00:29:11,100

nothing about it she said that being a

617

00:29:15,919 --> 00:29:13,320

horrible wizard I should be able to

618

00:29:19,070 --> 00:29:15,929

figure something out the mother wanted

619

00:29:20,750 --> 00:29:19,080

kaviraj to heal her apple trees which

620

00:29:23,600 --> 00:29:20,760

were covered in bright red spots

621

00:29:26,180 --> 00:29:23,610

resembling rust were unusually thirsty

622

00:29:28,039 --> 00:29:26,190

and were producing sour tasting fruit at

623

00:29:31,190 --> 00:29:28,049

a time when they should have been ripe

624

00:29:33,289 --> 00:29:31,200

for picking the apple trees were on the

625

00:29:35,269 --> 00:29:33,299

south side of the farmhouse they were

626
00:29:37,039 --> 00:29:35,279
covered in red spots and the owner said

627
00:29:39,860 --> 00:29:37,049
that the first one had developed the

628
00:29:42,260 --> 00:29:39,870
spots three days earlier after which one

629
00:29:45,019 --> 00:29:42,270
by one all of them caught it which is

630
00:29:48,350 --> 00:29:45,029
quite fast it reminded me of the rapid

631
00:29:50,060 --> 00:29:48,360
onset of scarlet fever in children so

632
00:29:51,980 --> 00:29:50,070
then I said about finding out if the

633
00:29:55,279 --> 00:29:51,990
disease displayed other features of

634
00:29:57,860 --> 00:29:55,289
scarlet fever I asked are they thirsty

635
00:30:00,649 --> 00:29:57,870
and she said yes they need watering

636
00:30:02,990 --> 00:30:00,659
three times a day I always work on the

637
00:30:05,899 --> 00:30:03,000
principle that like a three-legged stool

638
00:30:08,750 --> 00:30:05,909

a diagnosis needs three legs to stand on

639

00:30:11,510 --> 00:30:08,760

I had my three legs the speed at which

640

00:30:13,870 --> 00:30:11,520

the disease spread the spots and the

641

00:30:17,270 --> 00:30:13,880

thirst they all pointed to the remedy

642

00:30:19,730 --> 00:30:17,280

belladonna a few days after treating

643

00:30:21,450 --> 00:30:19,740

each tree with The Belladonna remedy the

644

00:30:24,240 --> 00:30:21,460

spots had disappeared and the

645

00:30:27,360 --> 00:30:24,250

apples were sweet and juicy again this

646

00:30:29,970 --> 00:30:27,370

was my Eureka moment he remembers from

647

00:30:32,820 --> 00:30:29,980

then on I was determined to develop a

648

00:30:36,000 --> 00:30:32,830

grow homeopathy further and quote

649

00:30:38,130 --> 00:30:36,010

another website claims quote agro

650

00:30:40,080 --> 00:30:38,140

homeopathy not only treats the disease

651
00:30:42,960 --> 00:30:40,090
symptoms of the plant and performs

652
00:30:44,610 --> 00:30:42,970
preventive actions but can also treat

653
00:30:47,549 --> 00:30:44,620
traumas retained in the biological

654
00:30:50,639 --> 00:30:47,559
memory of the plant which resulted from

655
00:30:53,190 --> 00:30:50,649
conditions such as forced hybridization

656
00:30:56,279 --> 00:30:53,200
moving to places outside their natural

657
00:30:58,710 --> 00:30:56,289
habitats or exaggerated fertilization

658
00:31:02,909 --> 00:30:58,720
that maximizes production to the extreme

659
00:31:05,180 --> 00:31:02,919
end quote who knew that plants had a

660
00:31:08,250 --> 00:31:05,190
traumatic memory from being forced into

661
00:31:10,590 --> 00:31:08,260
hybridization I would like to know what

662
00:31:13,380 --> 00:31:10,600
dilutions these remedies come in if

663
00:31:15,419 --> 00:31:13,390

indeed they are homeopathic it is likely

664

00:31:17,700 --> 00:31:15,429

that the angry gardener is simply

665

00:31:21,810 --> 00:31:17,710

applying more water to them which I'm

666

00:31:24,029 --> 00:31:21,820

told plants rather like well that's it

667

00:31:25,409 --> 00:31:24,039

from me this time this has been highly

668

00:31:28,740 --> 00:31:25,419

Robertson from the Northern Rivers

669

00:31:31,080 --> 00:31:28,750

vaccination supporters i'm signing off

670

00:31:33,210 --> 00:31:31,090

to go water my plants and make sure

671

00:31:39,090 --> 00:31:33,220

they've not been too traumatized by

672

00:31:52,740 --> 00:31:48,980

[Music]

673

00:31:56,070 --> 00:31:52,750

and now direct from the cafe at

674

00:32:03,180 --> 00:31:56,080

Australia's science channel its brouhaha

675

00:32:05,100 --> 00:32:03,190

with Kelly Wang forget everything you

676

00:32:07,740 --> 00:32:05,110

know about dinosaurs because it could

677

00:32:09,270 --> 00:32:07,750

all be wrong what have we told you that

678

00:32:11,310 --> 00:32:09,280

dinosaurs may be older than we thought

679

00:32:14,010 --> 00:32:11,320

and that they could have originated in

680

00:32:17,070 --> 00:32:14,020

the UK sounds weird but that's exactly

681

00:32:18,360 --> 00:32:17,080

what's been argued at the moment a lot

682

00:32:20,370 --> 00:32:18,370

of what we know about the dinosaur

683

00:32:22,350 --> 00:32:20,380

family tree dates back to a hundred and

684

00:32:25,020 --> 00:32:22,360

thirty years ago but we've learned a

685

00:32:26,910 --> 00:32:25,030

huge amount since then so some cameras

686

00:32:29,640 --> 00:32:26,920

researchers did some digging around and

687

00:32:31,560 --> 00:32:29,650

found it was time for an update they've

688

00:32:34,110 --> 00:32:31,570

recalculated the evolution of the

689

00:32:35,600 --> 00:32:34,120

dinosaurs and it completely changes some

690

00:32:38,310 --> 00:32:35,610

of the things we thought they knew

691

00:32:40,140 --> 00:32:38,320

according to them the dinosaurs emerged

692

00:32:42,510 --> 00:32:40,150

millions of years earlier than we

693

00:32:44,340 --> 00:32:42,520

thought and two fossils found in the UK

694

00:32:47,700 --> 00:32:44,350

a place pretty close to the base of this

695

00:32:48,960 --> 00:32:47,710

new family tree of course back then the

696

00:32:51,900 --> 00:32:48,970

well looked very different with

697

00:32:54,690 --> 00:32:51,910

supercontinents so the UK wasn't really

698

00:32:56,580 --> 00:32:54,700

the UK as we know it now but what does

699

00:32:59,610 --> 00:32:56,590

this mean for everyone's favorite dino

700

00:33:01,620 --> 00:32:59,620

t-rex well she's going to need to be

701
00:33:04,290 --> 00:33:01,630
reclassified as a different type of

702
00:33:06,240 --> 00:33:04,300
dinosaur the new tree suggests the

703
00:33:08,220 --> 00:33:06,250
features they have should really place

704
00:33:11,100 --> 00:33:08,230
them in a different evolutionary group

705
00:33:13,860 --> 00:33:11,110
than what we've known there are still a

706
00:33:16,740 --> 00:33:13,870
lot of questions but it also gives a lot

707
00:33:18,780 --> 00:33:16,750
of answers it could be that just like

708
00:33:21,780 --> 00:33:18,790
the backpacker whacking your local pub

709
00:33:23,880 --> 00:33:21,790
dinosaurs to started in the UK and

710
00:33:25,860 --> 00:33:23,890
spread around the world looking for

711
00:33:29,230 --> 00:33:25,870
adventure

712
00:33:38,530 --> 00:33:29,240
for more brouhaha and Australian science

713
00:33:40,390 --> 00:33:38,540

head for ww Australia science not TV now

714

00:33:42,850 --> 00:33:40,400

on Belfast FM we turn to the personal

715

00:33:44,950 --> 00:33:42,860

ads easing going in confidence skeptic

716

00:33:47,290 --> 00:33:44,960

seeks other critical thinkers for fun

717

00:33:49,390 --> 00:33:47,300

laughter and good times must be willing

718

00:33:51,280 --> 00:33:49,400

to apply logic liberally and a good

719

00:33:53,350 --> 00:33:51,290

listener expect something new and

720

00:33:55,330 --> 00:33:53,360

interesting every month come and meet me

721

00:33:57,220 --> 00:33:55,340

in Belfast in Northern Ireland if this

722

00:34:00,790 --> 00:33:57,230

sounds like you check out my profile on

723

00:34:16,390 --> 00:34:00,800

bail for skeptics calm music by kevin

724

00:34:18,159 --> 00:34:16,400

macleod as mentioned on last week's

725

00:34:21,760 --> 00:34:18,169

episode of the skeptic zone the great

726

00:34:25,600 --> 00:34:21,770

prediction project is is going on

727

00:34:26,919 --> 00:34:25,610

playing on getting through it's really

728

00:34:29,020 --> 00:34:26,929

interesting collecting all these

729

00:34:31,720 --> 00:34:29,030

predictions now for the past week I've

730

00:34:34,000 --> 00:34:31,730

been going through hundreds and hundreds

731

00:34:36,669 --> 00:34:34,010

of back issues of a magazine called

732

00:34:38,380 --> 00:34:36,679

woman's day here in Australia starting

733

00:34:43,390 --> 00:34:38,390

from the year 2000 working up to the

734

00:34:46,480 --> 00:34:43,400

present day I'm only up to 2007 I think

735

00:34:49,390 --> 00:34:46,490

and it's quite eerie in a way to go

736

00:34:51,760 --> 00:34:49,400

through all these issues week by week

737

00:34:53,919 --> 00:34:51,770

and see the news and the gossip of

738

00:34:57,190 --> 00:34:53,929

celebrities and Royals at the time and

739

00:35:01,570 --> 00:34:57,200

what was happening and a very

740

00:35:05,500 --> 00:35:01,580

disconcerting feeling knowing that for

741

00:35:08,980 --> 00:35:05,510

example Steve Irwin would suddenly die

742

00:35:12,490 --> 00:35:08,990

and working up to that issue then BAM Oh

743

00:35:15,040 --> 00:35:12,500

or there was a very lovely actress

744

00:35:16,600 --> 00:35:15,050

called Belinda Emmett who actually had

745

00:35:22,300 --> 00:35:16,610

the pleasure of meeting many years ago

746

00:35:27,850 --> 00:35:22,310

who sadly died about 11 years ago 12

747

00:35:29,860 --> 00:35:27,860

years ago very young young actress and I

748

00:35:33,670 --> 00:35:29,870

was very sad at the time of course and

749

00:35:35,410 --> 00:35:33,680

seeing her struggles with the cancer in

750

00:35:37,990 --> 00:35:35,420

the pages of the magazine and knowing

751
00:35:38,500 --> 00:35:38,000
sadly despite what was being written

752
00:35:40,930 --> 00:35:38,510
what would

753
00:35:44,620 --> 00:35:40,940
happen eventually it's also interesting

754
00:35:47,560 --> 00:35:44,630
to see how things come and go fads come

755
00:35:51,570 --> 00:35:47,570
and go and ideas and what was

756
00:35:54,580 --> 00:35:51,580
interesting at the time and also the

757
00:35:56,380 --> 00:35:54,590
obsession this particular magazine has

758
00:36:01,600 --> 00:35:56,390
with body image well that's no surprise

759
00:36:04,330 --> 00:36:01,610
i i guess and oprah winfrey who makes

760
00:36:05,860 --> 00:36:04,340
many many entries many appearances

761
00:36:11,830 --> 00:36:05,870
throughout the years in this magazine

762
00:36:16,410 --> 00:36:11,840
and also every two or three months comes

763
00:36:18,910 --> 00:36:16,420

up a story about new evidence or new

764

00:36:22,780 --> 00:36:18,920

staggering revelations into the death of

765

00:36:25,000 --> 00:36:22,790

Princess Diana so-and-so tells or secret

766

00:36:27,750 --> 00:36:25,010

better diaries reveal all this sort of

767

00:36:29,980 --> 00:36:27,760

stuff that's quite interesting and

768

00:36:31,570 --> 00:36:29,990

celebrities who were big at the time who

769

00:36:33,040 --> 00:36:31,580

you remember when you see that the

770

00:36:35,740 --> 00:36:33,050

articles and look at the faces but have

771

00:36:37,960 --> 00:36:35,750

long since retired or just faded from

772

00:36:39,640 --> 00:36:37,970

the limelight or something like that but

773

00:36:42,030 --> 00:36:39,650

speaking of over here's a here's a

774

00:36:47,580 --> 00:36:42,040

prediction I discovered from way back in

775

00:36:49,870 --> 00:36:47,590

2006 by Scott Russell he'll hope said

776

00:36:52,690 --> 00:36:49,880

predicted in the pages of the woman's

777

00:36:56,020 --> 00:36:52,700

day magazine for those of you playing at

778

00:36:58,480 --> 00:36:56,030

home seventh of January 2006 page 77

779

00:37:01,060 --> 00:36:58,490

Oprah Winfrey will widen her

780

00:37:03,730 --> 00:37:01,070

humanitarian efforts in the US and

781

00:37:05,740 --> 00:37:03,740

internationally of course it's all

782

00:37:08,230 --> 00:37:05,750

paving the way for her to be positioned

783

00:37:12,280 --> 00:37:08,240

to make the biggest changes she can as

784

00:37:16,840 --> 00:37:12,290

US president she will win by a landslide

785

00:37:19,870 --> 00:37:16,850

in twenty twelve or twenty sixteen oops

786

00:37:22,060 --> 00:37:19,880

now I've got the the spreadsheet out to

787

00:37:25,090 --> 00:37:22,070

here in front of me on the on the screen

788

00:37:26,860 --> 00:37:25,100

with many many many many tabs every tear

789

00:37:30,910 --> 00:37:26,870

a tab for every year from to thousands

790

00:37:34,350 --> 00:37:30,920

of 2017 plus what I'm calling my 2017

791

00:37:38,920 --> 00:37:34,360

controls which are predictions made by

792

00:37:40,810 --> 00:37:38,930

very non psychic people for exam i'm

793

00:37:43,870 --> 00:37:40,820

going to post these all up online in the

794

00:37:46,090 --> 00:37:43,880

next week hopefully in the next week on

795

00:37:49,510 --> 00:37:46,100

this cat the skipped exam website so

796

00:37:52,440 --> 00:37:49,520

there they are out there for all to see

797

00:37:55,560 --> 00:37:52,450

and there'll be time stamp

798

00:37:59,069 --> 00:37:55,570

course and so we can't go back and

799

00:38:02,400 --> 00:37:59,079

fiddle them all to them tweak them to

800

00:38:04,260 --> 00:38:02,410

make predictions come true some of the

801
00:38:05,670 --> 00:38:04,270
predictions coming in from non psychics

802
00:38:08,280 --> 00:38:05,680
which i'm using for this project

803
00:38:11,160 --> 00:38:08,290
somebody predicts a gray horse wins the

804
00:38:13,440 --> 00:38:11,170
Melbourne Cup well you know most horses

805
00:38:14,910 --> 00:38:13,450
win the Melbourne Cup a sort of light

806
00:38:17,670 --> 00:38:14,920
brown or brown I think so that's

807
00:38:20,220 --> 00:38:17,680
interesting Buckingham Palace targeted

808
00:38:23,359 --> 00:38:20,230
in terror attack well I hope not but

809
00:38:25,730 --> 00:38:23,369
with the recent news out of the UK it's

810
00:38:28,290 --> 00:38:25,740
well we'll see what happens there an

811
00:38:30,000 --> 00:38:28,300
advancement in spinal cord treatment

812
00:38:32,250 --> 00:38:30,010
will make the headlines well I hope so I

813
00:38:34,230 --> 00:38:32,260

certainly hope so that's a prediction I

814

00:38:36,390 --> 00:38:34,240

hope comes true and here's another

815

00:38:38,849 --> 00:38:36,400

prediction I hope comes true sir david

816

00:38:41,430 --> 00:38:38,859

attenborough will survive the year let's

817

00:38:42,810 --> 00:38:41,440

hope so and the next and the next but

818

00:38:44,579 --> 00:38:42,820

just flipping through all the ones i

819

00:38:50,220 --> 00:38:44,589

have at random so i will click the tab

820

00:38:51,810 --> 00:38:50,230

for 2007 2007 10 years ago let's see

821

00:38:57,510 --> 00:38:51,820

some of the interesting predictions that

822

00:38:59,339 --> 00:38:57,520

people foresaw in 2006 for 2007 there

823

00:39:01,079 --> 00:38:59,349

will be a major health problem with a

824

00:39:03,660 --> 00:39:01,089

very senior member of the royal family

825

00:39:06,690 --> 00:39:03,670

perhaps Prince Philip now this is

826

00:39:10,170 --> 00:39:06,700

interesting because over the years the

827

00:39:15,300 --> 00:39:10,180

Queen and Prince Philip feature quite a

828

00:39:19,099 --> 00:39:15,310

lot and one can't help that wonder is it

829

00:39:21,960 --> 00:39:19,109

because of their old age maybe possibly

830

00:39:23,609 --> 00:39:21,970

they seem to appear quite a lot when it

831

00:39:26,130 --> 00:39:23,619

comes to health worries or health

832

00:39:28,260 --> 00:39:26,140

concerns and if people in their 80s then

833

00:39:30,420 --> 00:39:28,270

and 90s now didn't have the odd health

834

00:39:33,300 --> 00:39:30,430

where he'll health concern that would be

835

00:39:34,770 --> 00:39:33,310

interesting now a lot of these

836

00:39:37,280 --> 00:39:34,780

predictions I've noticed over the years

837

00:39:40,950 --> 00:39:37,290

are predicting what people generally

838

00:39:44,370 --> 00:39:40,960

expect will happen as opposed to some

839

00:39:46,920 --> 00:39:44,380

magical revelation out of the blue about

840

00:39:50,099 --> 00:39:46,930

something you're not supposed to see or

841

00:39:53,730 --> 00:39:50,109

think is going to happen for example in

842

00:39:56,460 --> 00:39:53,740

2007 somebody predicted John Howard and

843

00:39:58,770 --> 00:39:56,470

who was prime minister at the time John

844

00:40:01,859 --> 00:39:58,780

Howard may not be reelected his likely

845

00:40:04,230 --> 00:40:01,869

successor is Malcolm Turnbull now that

846

00:40:07,120 --> 00:40:04,240

was a general sort of feeling at the

847

00:40:09,770 --> 00:40:07,130

time now in the event this predict

848

00:40:11,900 --> 00:40:09,780

so it was half right in half wrong

849

00:40:14,870 --> 00:40:11,910

because John Howard did lose the next

850

00:40:17,780 --> 00:40:14,880

election so he wasn't reelected but his

851
00:40:20,150 --> 00:40:17,790
successor was Tony Abbott not Malcolm

852
00:40:24,579 --> 00:40:20,160
Turnbull although Malcolm Turnbull later

853
00:40:26,660 --> 00:40:24,589
did succeed in the leadership so

854
00:40:28,190 --> 00:40:26,670
generally speaking is that wrong or

855
00:40:29,510 --> 00:40:28,200
right this is one of the things to which

856
00:40:31,609 --> 00:40:29,520
is interesting about this whole project

857
00:40:34,069 --> 00:40:31,619
is some predictions are two predictions

858
00:40:36,799 --> 00:40:34,079
in one and half the prediction is

859
00:40:38,630 --> 00:40:36,809
writing the other half is wrong for

860
00:40:42,079 --> 00:40:38,640
example there was another prediction I

861
00:40:45,049 --> 00:40:42,089
saw where a certain political party was

862
00:40:49,160 --> 00:40:45,059
predicted to win an election by a by a

863
00:40:52,059 --> 00:40:49,170

certain huge majority in reality they

864

00:40:55,400 --> 00:40:52,069

did win but just scraped over the line

865

00:40:57,440 --> 00:40:55,410

now is that prediction wrong or right or

866

00:40:59,780 --> 00:40:57,450

is it too vague or is it half and half

867

00:41:02,120 --> 00:40:59,790

there are many like that it's it's an

868

00:41:04,970 --> 00:41:02,130

interesting process now of course not

869

00:41:07,130 --> 00:41:04,980

all the predictions are wrong or too

870

00:41:12,680 --> 00:41:07,140

vague or expected some are simply

871

00:41:14,180 --> 00:41:12,690

correct and I think we have been saying

872

00:41:17,599 --> 00:41:14,190

this for many years when talking about

873

00:41:19,010 --> 00:41:17,609

predictions in fact the former president

874

00:41:22,549 --> 00:41:19,020

of these trans skeptics Barry Williams

875

00:41:25,190 --> 00:41:22,559

is on record talking about predictions

876

00:41:27,440 --> 00:41:25,200

many years ago saying you make a lot of

877

00:41:30,530 --> 00:41:27,450

predictions no psychics make a lot of

878

00:41:33,289 --> 00:41:30,540

predictions most are wrong some arrived

879

00:41:35,059 --> 00:41:33,299

very fewer right and you just emphasize

880

00:41:36,680 --> 00:41:35,069

the ones you got right and you can dine

881

00:41:38,539 --> 00:41:36,690

out on those especially if you get one

882

00:41:40,520 --> 00:41:38,549

that's very unlikely which comes true

883

00:41:43,420 --> 00:41:40,530

and that I've been finding is the case

884

00:41:47,450 --> 00:41:43,430

in this project here's one made in 2009

885

00:41:49,760 --> 00:41:47,460

by Milton black an astrologer in the

886

00:41:52,390 --> 00:41:49,770

newspaper The Daily Telegraph who is

887

00:41:57,099 --> 00:41:52,400

speaking about an upcoming lottery draw

888

00:42:00,559 --> 00:41:57,109

draw number 802 in the odds lotto

889

00:42:02,569 --> 00:42:00,569

numerologist astrologist and psychic

890

00:42:05,000 --> 00:42:02,579

Milton Black said Tuesday night's

891

00:42:07,190 --> 00:42:05,010

jackpot was definitely going to go off

892

00:42:10,069 --> 00:42:07,200

and would probably be shared rather than

893

00:42:11,569 --> 00:42:10,079

a single person win now what you also

894

00:42:14,089 --> 00:42:11,579

have to do is go back and see the

895

00:42:16,370 --> 00:42:14,099

circumstances around any particular

896

00:42:20,420 --> 00:42:16,380

prediction so I went back and I saw that

897

00:42:24,680 --> 00:42:20,430

that was a case of a jackpot bill

898

00:42:27,110 --> 00:42:24,690

over some weeks so it was getting a lot

899

00:42:29,870 --> 00:42:27,120

you know who was the money was was

900

00:42:35,750 --> 00:42:29,880

building up indeed when it finally went

901
00:42:37,820 --> 00:42:35,760
off it was 53 million dollars now a lot

902
00:42:40,310 --> 00:42:37,830
of people were queuing up to buy tickets

903
00:42:42,110 --> 00:42:40,320
as the money increased and I'm sure

904
00:42:43,340 --> 00:42:42,120
you've seen the same situation in no

905
00:42:46,520 --> 00:42:43,350
matter what country you're living in

906
00:42:50,960 --> 00:42:46,530
where a jackpot builds so more and more

907
00:42:53,810 --> 00:42:50,970
people get interested and did you get

908
00:42:56,990 --> 00:42:53,820
the queues forming and so there's more

909
00:43:00,170 --> 00:42:57,000
chance much more chance that when it

910
00:43:01,910 --> 00:43:00,180
goes off when the numbers come up more

911
00:43:04,010 --> 00:43:01,920
than one person will have the lucky

912
00:43:07,400 --> 00:43:04,020
numbers which is exactly the case for

913
00:43:10,610 --> 00:43:07,410

this prediction so we discover that when

914

00:43:14,840 --> 00:43:10,620

the prize did go off as predicted on the

915

00:43:17,750 --> 00:43:14,850

following Tuesday night the prize was

916

00:43:20,360 --> 00:43:17,760

shared by two people two people were

917

00:43:22,250 --> 00:43:20,370

getting the right numbers now in all

918

00:43:27,020 --> 00:43:22,260

fairness I guess I'd have to call that

919

00:43:29,540 --> 00:43:27,030

prediction correct Milton like predicted

920

00:43:32,060 --> 00:43:29,550

what would happen and it happened but

921

00:43:37,630 --> 00:43:32,070

then again would I put that correct but

922

00:43:40,640 --> 00:43:37,640

expected column correct but not too

923

00:43:42,530 --> 00:43:40,650

amazing prediction column it's an

924

00:43:45,530 --> 00:43:42,540

interesting process and here's another

925

00:43:48,950 --> 00:43:45,540

one made in 2006 by Scott Russell Hill

926

00:43:51,800 --> 00:43:48,960

Woman's Day seventh of January 2006 page

927

00:43:53,750 --> 00:43:51,810

77 Prince William and Kate Milton we

928

00:43:55,790 --> 00:43:53,760

won't see much of William and Kate in

929

00:43:59,330 --> 00:43:55,800

public but their relationship will

930

00:44:01,510 --> 00:43:59,340

flourish he turns 24 this year and says

931

00:44:04,400 --> 00:44:01,520

he has much to do before getting married

932

00:44:06,290 --> 00:44:04,410

but the search for a partner is over

933

00:44:09,860 --> 00:44:06,300

they expect wedding bells for them

934

00:44:13,760 --> 00:44:09,870

around his 30th birthday well there you

935

00:44:19,700 --> 00:44:13,770

go ah Kate and William were married when

936

00:44:22,490 --> 00:44:19,710

William was uh just over 29 so around

937

00:44:25,730 --> 00:44:22,500

his 30th birthday 29 30 what do you

938

00:44:27,980 --> 00:44:25,740

think and that prediction was made some

939

00:44:29,930 --> 00:44:27,990

years before so that's looking good for

940

00:44:31,400 --> 00:44:29,940

a correct prediction as far as I'm

941

00:44:33,290 --> 00:44:31,410

concerned every now and then there

942

00:44:34,289 --> 00:44:33,300

simply are correct predictions but

943

00:44:35,999 --> 00:44:34,299

before we wind up

944

00:44:39,259 --> 00:44:36,009

a segment maybe you'd like to know some

945

00:44:42,569 --> 00:44:39,269

of the predictions made for this year ah

946

00:44:44,069 --> 00:44:42,579

now earthquakes come up quite a lot over

947

00:44:45,749 --> 00:44:44,079

the years in predictions and you won't

948

00:44:49,049 --> 00:44:45,759

be surprised that people are predicting

949

00:44:51,120 --> 00:44:49,059

earthquakes for San Francisco this year

950

00:44:53,009 --> 00:44:51,130

well of course San Francisco will have

951
00:44:55,469 --> 00:44:53,019
earthquakes this here is the the signs

952
00:44:57,150 --> 00:44:55,479
that we're interested in and indeed the

953
00:45:00,239 --> 00:44:57,160
prediction says San Francisco will

954
00:45:04,620 --> 00:45:00,249
suffer a big quake earthquakes to also

955
00:45:06,839 --> 00:45:04,630
predicted for Tokyo Prince Harry getting

956
00:45:10,079 --> 00:45:06,849
married to the disapproval of the royal

957
00:45:13,650 --> 00:45:10,089
family king tides destroying coastal

958
00:45:16,799 --> 00:45:13,660
beaches as opposed to inland features I

959
00:45:19,949 --> 00:45:16,809
guess Donald Trump not lasting as US

960
00:45:21,679 --> 00:45:19,959
president well we'll see and here's an

961
00:45:23,999 --> 00:45:21,689
interesting one by Milton black again

962
00:45:25,890 --> 00:45:24,009
predicted for this year Prime Minister

963
00:45:28,439 --> 00:45:25,900

Malcolm Turnbull will have an extremely

964

00:45:30,859 --> 00:45:28,449

challenging year especially in February

965

00:45:32,880 --> 00:45:30,869

march june july november and december

966

00:45:34,739 --> 00:45:32,890

well if the prime minister of a country

967

00:45:36,029 --> 00:45:34,749

didn't have a challenging year then I

968

00:45:39,419 --> 00:45:36,039

don't think that'd be doing their job

969

00:45:40,979 --> 00:45:39,429

and the last dreadful prediction i'll

970

00:45:43,620 --> 00:45:40,989

leave you with which should send

971

00:45:46,229 --> 00:45:43,630

shockwaves of fear around the world it's

972

00:45:49,249 --> 00:45:46,239

predicted this year coffee crops

973

00:45:51,479 --> 00:45:49,259

destroyed and a rise in coffee prices

974

00:45:57,689 --> 00:45:51,489

well let's hope that one doesn't come

975

00:46:00,239 --> 00:45:57,699

true so that's an update to the ongoing

976

00:46:02,880 --> 00:46:00,249

prediction project project prediction

977

00:46:04,049 --> 00:46:02,890

the great predicting project in a couple

978

00:46:05,999 --> 00:46:04,059

of weeks I'm going to be meeting with

979

00:46:08,279 --> 00:46:06,009

some friends from the the stranger

980

00:46:10,289 --> 00:46:08,289

things group and we're going to be doing

981

00:46:13,259 --> 00:46:10,299

some more work poring through some of

982

00:46:15,449 --> 00:46:13,269

these predictions and trying to make

983

00:46:17,549 --> 00:46:15,459

sense of them but the part of the

984

00:46:20,110 --> 00:46:17,559

project which is the collecting of all

985

00:46:22,780 --> 00:46:20,120

these predictions goes on

986

00:46:25,560 --> 00:46:22,790

I've got many issues of this current

987

00:46:28,420 --> 00:46:25,570

magazine norms day to get through yet

988

00:46:31,030 --> 00:46:28,430

I'll end up going through over 800 I

989

00:46:33,100 --> 00:46:31,040

think and then I have to start work on

990

00:46:36,400 --> 00:46:33,110

another popular magazine here in

991

00:46:38,380 --> 00:46:36,410

Australia called new idea another weekly

992

00:46:41,380 --> 00:46:38,390

magazine so there will be over 800 of

993

00:46:43,090 --> 00:46:41,390

those to get through to sometimes it's

994

00:46:45,190 --> 00:46:43,100

looking for a needle in a haystack and I

995

00:46:47,170 --> 00:46:45,200

wish I could predict the the final

996

00:46:50,500 --> 00:46:47,180

conclusions while I probably can but

997

00:46:53,710 --> 00:46:50,510

i'll keep you all informed as the year

998

00:46:56,440 --> 00:46:53,720

goes on and maybe you would like to make

999

00:46:57,280 --> 00:46:56,450

your own set of predictions for the rest

1000

00:47:09,530 --> 00:46:57,290

of this year

1001
00:47:12,420 --> 00:47:09,540

[Music]

1002
00:47:15,210 --> 00:47:12,430

Mike watch your guide to quackery health

1003
00:47:18,390 --> 00:47:15,220

fraud and intelligent decisions operated

1004
00:47:20,250 --> 00:47:18,400

by Steven Barrett MD quite watch is now

1005
00:47:22,530 --> 00:47:20,260

an international network of people who

1006
00:47:25,680 --> 00:47:22,540

are concerned about health-related fraud

1007
00:47:28,500 --> 00:47:25,690

sniffs fans fallacies and misconduct its

1008
00:47:30,480 --> 00:47:28,510

primary focus is on quackery related

1009
00:47:32,790 --> 00:47:30,490

information that is difficult or

1010
00:47:36,180 --> 00:47:32,800

impossible to get elsewhere articles on

1011
00:47:39,810 --> 00:47:36,190

quackery include quackery how should it

1012
00:47:43,380 --> 00:47:39,820

be defined how it sells 26 ways to spot

1013
00:47:45,900 --> 00:47:43,390

it how it comes cancer patients 7

1014

00:47:48,330 --> 00:47:45,910

warning signs for bogus science why

1015

00:47:51,360 --> 00:47:48,340

health professionals become quacks and

1016

00:47:54,290 --> 00:47:51,370

many more including in-depth looks at

1017

00:47:59,220 --> 00:47:54,300

acupuncture chiropractic homeopathy

1018

00:48:00,910 --> 00:47:59,230

naturopathy and much more visit w WH

1019

00:48:18,320 --> 00:48:00,920

watch com

1020

00:48:22,560 --> 00:48:20,760

thank you for listening to the skeptic

1021

00:48:25,830 --> 00:48:22,570

zone now next week I hope to bring you a

1022

00:48:28,620 --> 00:48:25,840

report from Maynard as he and I go to

1023

00:48:30,810 --> 00:48:28,630

the Castaway podcast Awards here in

1024

00:48:33,450 --> 00:48:30,820

Sydney and main adds up for one of the

1025

00:48:34,740 --> 00:48:33,460

award so huh that's very exciting but

1026

00:48:37,400 --> 00:48:34,750

I'm sure we'll get some interesting

1027

00:48:40,290 --> 00:48:37,410

quick interviews with some of the other

1028

00:48:42,840 --> 00:48:40,300

podcasters around sydney I'm looking

1029

00:48:46,020 --> 00:48:42,850

forward to that and good luck me none if

1030

00:48:47,970 --> 00:48:46,030

you want to wish me not luck personally

1031

00:48:51,210 --> 00:48:47,980

just visit may not come today you help

1032

00:48:53,490 --> 00:48:51,220

yourself to the free calendar and of

1033

00:48:55,440 --> 00:48:53,500

course to me nods very good podcast very

1034

00:48:57,300 --> 00:48:55,450

funny and hopefully award-winning

1035

00:49:00,390 --> 00:48:57,310

podcasts all there for you at Maynard

1036

00:49:03,900 --> 00:49:00,400

calm day you coming up on next week's

1037

00:49:06,900 --> 00:49:03,910

show some more some more about this geo

1038

00:49:09,720 --> 00:49:06,910

cleanse in the Hogan energy or gone

1039

00:49:11,490 --> 00:49:09,730

effects Australia company yeah there's a

1040

00:49:14,820 --> 00:49:11,500

bit more to this story which is very

1041

00:49:16,890 --> 00:49:14,830

interesting and I can't help thinking

1042

00:49:19,560 --> 00:49:16,900

that the people who should be very

1043

00:49:22,170 --> 00:49:19,570

interested in this org on geo cleanse

1044

00:49:24,630 --> 00:49:22,180

device failing tests our fair trading

1045

00:49:27,840 --> 00:49:24,640

fair trading in the state of Victoria or

1046

00:49:29,190 --> 00:49:27,850

the equivalent we have fair trading here

1047

00:49:31,410 --> 00:49:29,200

in New South Wales I'm sure they have an

1048

00:49:33,900 --> 00:49:31,420

equivalent if something doesn't work and

1049

00:49:35,880 --> 00:49:33,910

doesn't work and consumers should be

1050

00:49:37,680 --> 00:49:35,890

aware thank you once again to those

1051
00:49:39,390 --> 00:49:37,690
wonderful people who helped the skeptic

1052
00:49:42,690 --> 00:49:39,400
zone another podcasts of course by

1053
00:49:45,330 --> 00:49:42,700
chipping in many people chip in only a

1054
00:49:47,160 --> 00:49:45,340
dollar a week which is great because it

1055
00:49:50,250 --> 00:49:47,170
all adds up it's like little drops going

1056
00:49:52,200 --> 00:49:50,260
into a bathtub so in the bathtub well

1057
00:49:53,730 --> 00:49:52,210
you know what I mean and if you feel

1058
00:49:56,130 --> 00:49:53,740
like adding your own little drops to the

1059
00:49:58,800 --> 00:49:56,140
skeptic zone just visit skeptic zone TV

1060
00:50:01,020 --> 00:49:58,810
and follow the links at the top of the

1061
00:50:04,380 --> 00:50:01,030
page oh when I think we've got a report

1062
00:50:07,050 --> 00:50:04,390
coming up next week bye Shelly stockin

1063
00:50:09,240 --> 00:50:07,060

so yes lots to look forward to for next

1064

00:50:11,760 --> 00:50:09,250

week that's so exciting I think I'll I

1065

00:50:14,340 --> 00:50:11,770

better go and lie down I'll go and lie

1066

00:50:17,730 --> 00:50:14,350

down so until next week this is Richard

1067

00:50:23,160 --> 00:50:17,740

Saunders signing off from a sunny but

1068

00:50:29,349 --> 00:50:25,599

you've been listening to the skeptics

1069

00:50:32,260 --> 00:50:29,359

own podcast visit our website at wwc a

1070

00:50:35,710 --> 00:50:32,270

petting zoo TV for contacts an archive

1071

00:50:38,410 --> 00:50:35,720

of all episodes since 2008 and our

1072

00:50:40,319 --> 00:50:38,420

online store please support the skeptic

1073

00:50:43,480 --> 00:50:40,329

zone by following us on twitter at

1074

00:50:47,140 --> 00:50:43,490

skeptic zone liking us on facebook and

1075

00:50:49,299 --> 00:50:47,150

leaving a review on iTunes you can also

1076

00:50:52,470 --> 00:50:49,309

show your support by subscribing via

1077

00:50:55,240 --> 00:50:52,480

paypal for as little as 99 cents a week

1078

00:50:56,890 --> 00:50:55,250

the skeptic zone is an independent

1079

00:50:59,319 --> 00:50:56,900

production the views and opinions

1080

00:51:00,940 --> 00:50:59,329

expressed on the skeptic zone and not

1081

00:51:03,819 --> 00:51:00,950

necessarily those of australian

1082

00:51:12,459 --> 00:51:03,829

skeptical or any other skeptical

1083

00:51:16,999 --> 00:51:14,599

now some of these productions are

1084

00:51:19,729 --> 00:51:17,009

certainly general in nature I mean lot

1085

00:51:26,180 --> 00:51:19,739

of them are in fact general or what

1086

00:51:33,469 --> 00:51:26,190

hello hello yes it's my research

1087

00:51:37,339 --> 00:51:33,479

assistant Lord what do you want you let

1088

00:51:42,140 --> 00:51:37,349

me record the show hmm I'm just going to