

1
00:00:06,160 --> 00:00:13,679
welcome to the skeptic zone the podcast

2
00:00:09,099 --> 00:00:13,679
from Australia for science and reason

3
00:00:22,309 --> 00:00:28,879
hello and welcome to the skeptic zone

4
00:00:24,929 --> 00:00:32,250
episode number 278 for the 16th of

5
00:00:28,879 --> 00:00:36,030
february2014 Richardson is here with you

6
00:00:32,250 --> 00:00:38,488
from a sagi sagi in humid Sydney

7
00:00:36,030 --> 00:00:41,039
Australia coming up on this week's show

8
00:00:38,488 --> 00:00:45,149
one of my favorite people to have a chat

9
00:00:41,039 --> 00:00:47,308
to and spend some time with very rarely

10
00:00:45,149 --> 00:00:50,039
and occasionally Professor Richard

11
00:00:47,308 --> 00:00:52,789
Wiseman from the UK we're going to be

12
00:00:50,039 --> 00:00:56,969
talking about his really interesting

13
00:00:52,789 --> 00:01:00,689
online videos at quirkology how to trick

14
00:00:56,969 --> 00:01:04,948
people how to win bets illusions magic

15
00:01:00,689 --> 00:01:07,049
tricks curiosities mind tricks such a

16
00:01:04,948 --> 00:01:09,090
fascinating area and Richard Wiseman

17
00:01:07,049 --> 00:01:12,659
does it so well he's also written lots

18
00:01:09,090 --> 00:01:14,850
of books he speaks around the world and

19
00:01:12,659 --> 00:01:18,118
you can find out more about all these

20
00:01:14,849 --> 00:01:21,239
adventures and videos coming up on this

21
00:01:18,118 --> 00:01:23,879
week's episode of the skeptic zone not

22
00:01:21,239 --> 00:01:25,589
too far away and following dr. Richard

23
00:01:23,879 --> 00:01:27,659
Wiseman it's a week in science from our

24
00:01:25,590 --> 00:01:32,159
good friends at the Royal Institution of

25
00:01:27,659 --> 00:01:34,289
Australia at [www r-ia us](http://www.r-ia.us) ova you but

26
00:01:32,159 --> 00:01:35,819
before we get into that I've been sent a

27
00:01:34,289 --> 00:01:38,670
couple of announcements a couple of

28
00:01:35,819 --> 00:01:41,700
things to run by you you might be

29

00:01:38,670 --> 00:01:44,719
interested if you're in Melbourne if

30
00:01:41,700 --> 00:01:48,539
you're in melbourne on near 28th of

31
00:01:44,719 --> 00:01:51,929
februari or indeed if you're in New York

32
00:01:48,539 --> 00:01:54,149
on the fourteenth of April or if you're

33
00:01:51,929 --> 00:01:57,359
in the san francisco bay area around the

34
00:01:54,149 --> 00:02:01,228
ninth of june you might be interested in

35
00:01:57,359 --> 00:02:02,849
the applied rationality workshops these

36
00:02:01,228 --> 00:02:03,989
workshops have only just been brought to

37
00:02:02,849 --> 00:02:05,939
my attention they look pretty

38
00:02:03,989 --> 00:02:08,399
interesting I notice there's one in

39
00:02:05,939 --> 00:02:11,159
melbourne on februari the 21st sold out

40
00:02:08,399 --> 00:02:16,770
already look for more information go to

41
00:02:11,159 --> 00:02:18,270
rationality org slash workshops there'll

42
00:02:16,770 --> 00:02:21,030
be a link on the show notes for this

43
00:02:18,270 --> 00:02:23,760

episode of the skeptic zone might be

44

00:02:21,030 --> 00:02:26,520

worth checking out also thank you for

45

00:02:23,759 --> 00:02:27,989

those people from Brazil who have been

46

00:02:26,520 --> 00:02:29,580

riding in after last week's episode

47

00:02:27,989 --> 00:02:32,189

where we interviewed Rob who was

48

00:02:29,580 --> 00:02:33,860

visiting from Brazil and thanks to nicks

49

00:02:32,189 --> 00:02:36,759

who wrote to me

50

00:02:33,860 --> 00:02:39,020

to mention there are a few skeptical

51

00:02:36,759 --> 00:02:42,319

organizations in Brazil well hardly a

52

00:02:39,020 --> 00:02:45,200

surprise and i'll be putting a link to

53

00:02:42,319 --> 00:02:47,780

those organizations on the website as

54

00:02:45,199 --> 00:02:52,189

well we've got flying teapot rational

55

00:02:47,780 --> 00:02:53,330

society Green Lantern troupe Brazil now

56

00:02:52,189 --> 00:02:57,079

that would be an interesting place to

57

00:02:53,330 --> 00:03:01,070

visit oh yeah oh yeah drifting down the

58
00:02:57,080 --> 00:03:03,530
Amazon on a raft counting snakes or

59
00:03:01,069 --> 00:03:05,150
something like that that's where the

60
00:03:03,530 --> 00:03:07,879
World Cups going to be soon and the

61
00:03:05,150 --> 00:03:12,319
Olympics hmm wonder if I can wangle

62
00:03:07,879 --> 00:03:15,019
myself a visit to Brazil I wonder Oh in

63
00:03:12,319 --> 00:03:16,729
one quick thing before we get stuck into

64
00:03:15,020 --> 00:03:18,950
the show again from our friends at the

65
00:03:16,729 --> 00:03:21,099
Royal Institution of Australia coming to

66
00:03:18,949 --> 00:03:24,439
Australia the science of doctor who

67
00:03:21,099 --> 00:03:28,180
presented by our IRS in association with

68
00:03:24,439 --> 00:03:30,669
BBC worldwide australia and new zealand

69
00:03:28,180 --> 00:03:34,159
exploring the science behind the fiction

70
00:03:30,669 --> 00:03:36,349
live on stage tickets available now look

71
00:03:34,159 --> 00:03:39,019
it's going to be in perth in the 26th of

72
00:03:36,349 --> 00:03:42,319
april brisbane the tenth of May Sydney

73
00:03:39,019 --> 00:03:44,989
the 23rd 24th 25th of May Adelaide the

74
00:03:42,319 --> 00:03:48,590
31st of May Melbourne the 13th 14th and

75
00:03:44,989 --> 00:03:50,689
15th of June science of Doctor Who oh

76
00:03:48,590 --> 00:03:52,819
I've got to go longer this one for more

77
00:03:50,689 --> 00:03:58,039
information for more information RI a

78
00:03:52,819 --> 00:03:59,870
u.s. org dot au / Doctor Who oh I used

79
00:03:58,039 --> 00:04:01,429
to love doctor who in the 70s watching

80
00:03:59,870 --> 00:04:04,759
Tom Baker with his jelly babies I don't

81
00:04:01,430 --> 00:04:09,680
have any jelly babies with me what I do

82
00:04:04,759 --> 00:04:12,109
have is a nice big packet of liquorice

83
00:04:09,680 --> 00:04:14,959
allsorts the next best thing I guess and

84
00:04:12,110 --> 00:04:17,359
these are thanks to my mum over the

85
00:04:14,959 --> 00:04:20,629
weekend I went down to my mom's 80th

86

00:04:17,358 --> 00:04:22,430
birthday party and she gave me a packet

87
00:04:20,629 --> 00:04:29,509
of liquorice allsorts now that's a

88
00:04:22,430 --> 00:04:33,199
pretty good mum so mmm happy birthday

89
00:04:29,509 --> 00:04:36,079
mom hmm and why I'm enjoying this lovely

90
00:04:33,199 --> 00:04:38,680
liquor short I hope you enjoy the

91
00:04:36,079 --> 00:04:38,680
skeptic zone

92
00:05:06,709 --> 00:05:11,278
these plates contain the same amount of

93
00:05:09,240 --> 00:05:14,158
food but the portion looks much bigger

94
00:05:11,278 --> 00:05:16,110
on the smaller plate so replace larger

95
00:05:14,158 --> 00:05:20,459
place with smaller ones and you'll end

96
00:05:16,110 --> 00:05:23,189
up eating less don't reach for snacks

97
00:05:20,459 --> 00:05:25,288
using your dominant hand instead use

98
00:05:23,189 --> 00:05:29,699
your non-dominant hand and you'll end up

99
00:05:25,288 --> 00:05:32,068
eating about twenty percent less short

100
00:05:29,699 --> 00:05:34,408

wide glasses look like they contain the

101

00:05:32,069 --> 00:05:37,050

same amount of liquid as a tall thin one

102

00:05:34,408 --> 00:05:39,629

but that's an illusion actually they

103

00:05:37,050 --> 00:05:43,889

hold far more to cut down on drinking

104

00:05:39,629 --> 00:05:46,039

use a tall thin glass then there's the

105

00:05:43,889 --> 00:05:49,259

power of mirrors in one experiment

106

00:05:46,038 --> 00:05:51,538

psychologist Brad Bushman hello and Brad

107

00:05:49,259 --> 00:05:54,330

Bushman place both healthy and unhealthy

108

00:05:51,538 --> 00:05:56,728

food on a table and ask people to snack

109

00:05:54,329 --> 00:05:58,948

away when he placed a mirror behind the

110

00:05:56,728 --> 00:06:01,438

food they became more self-conscious and

111

00:05:58,949 --> 00:06:02,908

ate more healthily so try placing a

112

00:06:01,439 --> 00:06:05,700

mirror in your kitchen or on the

113

00:06:02,908 --> 00:06:07,860

refrigerator door

114

00:06:05,699 --> 00:06:10,889

you'll consume fewer calories each day

115
00:06:07,860 --> 00:06:13,230
if you chew gum when you feel hungry and

116
00:06:10,889 --> 00:06:15,029
go for fruit flavored gum because mint

117
00:06:13,230 --> 00:06:19,020
flavor makes some healthy food taste

118
00:06:15,029 --> 00:06:21,539
strange people eat quickly consumed more

119
00:06:19,019 --> 00:06:24,120
to eat less just slow down and perhaps

120
00:06:21,540 --> 00:06:28,290
put your fork or spoon down between each

121
00:06:24,120 --> 00:06:30,269
bite research shows that people eat

122
00:06:28,290 --> 00:06:32,760
fewer snacks when they're served on red

123
00:06:30,269 --> 00:06:35,549
plates perhaps because red is associated

124
00:06:32,759 --> 00:06:39,509
with stop either way when you have the

125
00:06:35,550 --> 00:06:41,250
choice go for red plates and bowls you

126
00:06:39,509 --> 00:06:43,409
eat more when you watch television and

127
00:06:41,250 --> 00:06:45,509
so simply turning off your TV at

128
00:06:43,410 --> 00:06:49,410
mealtimes means that you'll consume up

129
00:06:45,509 --> 00:06:51,509
to fifty percent less just taking a

130
00:06:49,410 --> 00:06:53,370
photograph of all of the unhealthy food

131
00:06:51,509 --> 00:06:57,889
that you eat will help you cut down on

132
00:06:53,370 --> 00:06:59,819
unhealthy eating by around about a third

133
00:06:57,889 --> 00:07:01,919
whenever we see lots of different

134
00:06:59,819 --> 00:07:04,709
varieties of food we're tempted to try

135
00:07:01,920 --> 00:07:06,960
some of each to eat less serve the same

136
00:07:04,709 --> 00:07:09,629
amount of food but cut down on the

137
00:07:06,959 --> 00:07:12,539
variety for more life-changing ideas

138
00:07:09,629 --> 00:07:15,870
visit a new YouTube channel in 59

139
00:07:12,540 --> 00:07:19,490
seconds and joining me on the line now

140
00:07:15,870 --> 00:07:23,100
all the way from the the sunny shores of

141
00:07:19,490 --> 00:07:25,319
Scotland one might say it's dr. Richard

142
00:07:23,100 --> 00:07:27,870
Wiseman professor indeed hello hello

143

00:07:25,319 --> 00:07:30,689
nice nice to be here and yes indeed it

144
00:07:27,870 --> 00:07:33,360
for once it's it's sunny it's sunny and

145
00:07:30,689 --> 00:07:35,100
lovely in Edinburgh so yes lovely lovely

146
00:07:33,360 --> 00:07:37,439
to be here yeah we've been certainly

147
00:07:35,100 --> 00:07:38,730
seeing here on the news in Australia and

148
00:07:37,439 --> 00:07:43,079
I'm sure our friends around the world

149
00:07:38,730 --> 00:07:45,060
have been seeing the horrible storms and

150
00:07:43,079 --> 00:07:47,609
floods in the UK at the moment it's

151
00:07:45,060 --> 00:07:49,170
quite dramatic it's it's not good i

152
00:07:47,610 --> 00:07:50,370
think the folks down so far are

153
00:07:49,170 --> 00:07:53,400
suffering a bit it must be a terrible

154
00:07:50,370 --> 00:07:55,829
thing to happen and yeah see you still

155
00:07:53,399 --> 00:07:57,479
keep seeing the news and it's a hard

156
00:07:55,829 --> 00:08:00,300
thing to cope with water coming into

157
00:07:57,480 --> 00:08:02,400

your house I'd imagine um so my feelings

158

00:08:00,300 --> 00:08:04,439

my heart goes out to them it's quite

159

00:08:02,399 --> 00:08:06,929

extraordinary because just in this last

160

00:08:04,439 --> 00:08:08,550

week we've had devastating bushfires in

161

00:08:06,930 --> 00:08:10,860

this country and people losing their

162

00:08:08,550 --> 00:08:12,810

houses to the fire in the United States

163

00:08:10,860 --> 00:08:16,620

our friends there especially on the East

164

00:08:12,810 --> 00:08:18,509

Coast are under a ridiculously huge

165

00:08:16,620 --> 00:08:19,079

mountain of snow and all snowed in and

166

00:08:18,509 --> 00:08:21,209

there's fly

167

00:08:19,079 --> 00:08:24,240

I wonder is this all signs Richard

168

00:08:21,209 --> 00:08:26,728

what's happening I think it's signs from

169

00:08:24,240 --> 00:08:30,210

God that's how I see is that we have

170

00:08:26,728 --> 00:08:32,189

done something bad that's that's my term

171

00:08:30,209 --> 00:08:33,658

I scientific take on it I don't know I

172
00:08:32,190 --> 00:08:35,940
don't know enough about climate change

173
00:08:33,658 --> 00:08:39,179
to know if that's the the culprit I

174
00:08:35,940 --> 00:08:40,829
suspect it's a likely candidate so yes

175
00:08:39,179 --> 00:08:42,958
let's best get those climate deniers

176
00:08:40,828 --> 00:08:45,299
climate change deniers on the line and

177
00:08:42,958 --> 00:08:46,679
see what they think is going on you know

178
00:08:45,299 --> 00:08:49,250
we tried to get them earlier with their

179
00:08:46,679 --> 00:08:53,609
snow d and unfortunately or something

180
00:08:49,250 --> 00:08:56,429
now Richard I first met you are in the

181
00:08:53,610 --> 00:08:59,250
year 2000 when you were here attending a

182
00:08:56,429 --> 00:09:01,349
big skeptical convention then and my

183
00:08:59,250 --> 00:09:04,620
very earliest memories of seeing you

184
00:09:01,350 --> 00:09:08,579
were on stage we were very thin at the

185
00:09:04,620 --> 00:09:11,879
time and I think you said are in your

186
00:09:08,578 --> 00:09:14,939
talk that you had recently been to India

187
00:09:11,879 --> 00:09:16,889
or if I may be misremembering because

188
00:09:14,940 --> 00:09:18,839
you showed a clip which is a very famous

189
00:09:16,889 --> 00:09:21,449
clipper now about you conducting some

190
00:09:18,839 --> 00:09:22,829
fire walking tests in the UK and I think

191
00:09:21,450 --> 00:09:24,360
in that in the clip you said you were

192
00:09:22,828 --> 00:09:26,429
very thin because you just came back

193
00:09:24,360 --> 00:09:30,300
from India that's some time ago now but

194
00:09:26,429 --> 00:09:32,338
that clip is still being used it is it's

195
00:09:30,299 --> 00:09:33,990
one of my favorite clips i think you're

196
00:09:32,339 --> 00:09:36,240
right i think your memory is better than

197
00:09:33,990 --> 00:09:38,490
mine on that because i just been to

198
00:09:36,240 --> 00:09:40,889
India to look at sigh Barbara and some

199
00:09:38,490 --> 00:09:42,870
of the other Soccerroos out there with a

200

00:09:40,889 --> 00:09:46,500
Icelandic parapsychologist called um

201
00:09:42,870 --> 00:09:48,629
Erlendur haraldsson and yes I'd lost a

202
00:09:46,500 --> 00:09:50,549
fair amount of weight as lots of people

203
00:09:48,629 --> 00:09:52,649
do when they go to India and I came

204
00:09:50,549 --> 00:09:55,620
straight back into the fire walking for

205
00:09:52,649 --> 00:09:57,750
or the BBC where we had some firewalkers

206
00:09:55,620 --> 00:09:59,459
who said it was all paranormal and that

207
00:09:57,750 --> 00:10:02,220
they could therefore walk further than

208
00:09:59,458 --> 00:10:03,899
scientists would advise them to and they

209
00:10:02,220 --> 00:10:07,560
gave it a go and they burnt their feet

210
00:10:03,899 --> 00:10:09,028
fairly badly live on television so yes

211
00:10:07,559 --> 00:10:11,789
he's still one of my favorite clips i

212
00:10:09,028 --> 00:10:14,490
think the clip the BBC science has had

213
00:10:11,789 --> 00:10:16,769
the most complaints forever i think we

214
00:10:14,490 --> 00:10:18,539

still hold that record because you saw

215

00:10:16,769 --> 00:10:21,839

lots of people burn themselves life so

216

00:10:18,539 --> 00:10:24,838

um yeah it's exciting times now that's

217

00:10:21,839 --> 00:10:28,020

quite interesting because it was it was

218

00:10:24,839 --> 00:10:31,040

no nobody was burning these people that

219

00:10:28,019 --> 00:10:31,039

they did it to themselves

220

00:10:31,089 --> 00:10:35,829

they were experienced firewalkers they

221

00:10:33,909 --> 00:10:37,838

had only walked previously over sort of

222

00:10:35,828 --> 00:10:39,370

10 or 15 feet of coals which because the

223

00:10:37,839 --> 00:10:40,449

scientists say will you'll be safe on

224

00:10:39,370 --> 00:10:42,399

that because there's not much heat

225

00:10:40,448 --> 00:10:44,740

transferred from the coach the the sole

226

00:10:42,399 --> 00:10:46,389

of their feet but they believed they

227

00:10:44,740 --> 00:10:48,549

could walk much further than that by

228

00:10:46,389 --> 00:10:50,289

sort of meditating and for this

229
00:10:48,549 --> 00:10:52,299
energetic force field around their body

230
00:10:50,289 --> 00:10:55,448
and that's what we put the test we built

231
00:10:52,299 --> 00:10:57,219
a better coals of 50 or 60 feet long and

232
00:10:55,448 --> 00:10:58,599
they were very very convinced that they

233
00:10:57,220 --> 00:10:59,949
could do it and we said to them that

234
00:10:58,600 --> 00:11:01,659
this is really dangerous you don't have

235
00:10:59,948 --> 00:11:03,248
to do it you can back out any point and

236
00:11:01,659 --> 00:11:04,688
all of those sorts of things but they

237
00:11:03,249 --> 00:11:06,759
went for it they put their beliefs on

238
00:11:04,688 --> 00:11:08,769
the line and of course even afterwards

239
00:11:06,759 --> 00:11:10,058
of the burnt themselves didn't change

240
00:11:08,769 --> 00:11:11,828
their beliefs you know this is in line

241
00:11:10,058 --> 00:11:13,568
with lots of other investigations I've

242
00:11:11,828 --> 00:11:14,708
carried out where you know even when

243
00:11:13,568 --> 00:11:17,289
you're presented with that kind of

244
00:11:14,708 --> 00:11:19,119
disconfirming information still people

245
00:11:17,289 --> 00:11:20,799
cling on to their beliefs that they're

246
00:11:19,120 --> 00:11:24,039
like possessions in that sense we'd like

247
00:11:20,799 --> 00:11:26,229
to have them around us so yeah that was

248
00:11:24,039 --> 00:11:29,049
a long time ago and I don't think we'll

249
00:11:26,230 --> 00:11:30,100
be doing it um anytime soon is my guess

250
00:11:29,049 --> 00:11:32,229
I think actually wouldn't be allowed

251
00:11:30,100 --> 00:11:34,540
nowadays with with some new health and

252
00:11:32,230 --> 00:11:35,980
safety regulations I suspect you're

253
00:11:34,539 --> 00:11:38,318
right but we're very pleased you did it

254
00:11:35,980 --> 00:11:40,300
way back down and with your kind with

255
00:11:38,318 --> 00:11:41,948
your kind permission for many years now

256
00:11:40,299 --> 00:11:44,828
when I've been giving talks around the

257

00:11:41,948 --> 00:11:48,669
world I'll often use that clip and I'm

258
00:11:44,828 --> 00:11:51,128
delighted that it really really makes

259
00:11:48,669 --> 00:11:53,019
the point and the point I guess there

260
00:11:51,129 --> 00:11:55,480
are two points it makes one is to

261
00:11:53,019 --> 00:11:58,600
address firewalking and look at the

262
00:11:55,480 --> 00:12:00,639
physics of it but for me and I'm imagine

263
00:11:58,600 --> 00:12:04,259
for you to that the the more interesting

264
00:12:00,639 --> 00:12:06,850
point is the psychology yep absolutely

265
00:12:04,259 --> 00:12:09,428
just this notion that you know the

266
00:12:06,850 --> 00:12:11,470
beliefs you have may be doing you some

267
00:12:09,428 --> 00:12:14,230
some harm know that instance is its

268
00:12:11,470 --> 00:12:15,730
physical harm but actually I guess the

269
00:12:14,230 --> 00:12:17,319
psychologists are more interested in the

270
00:12:15,730 --> 00:12:19,240
psychological harm these things do

271
00:12:17,318 --> 00:12:21,698

people blow it by into the notion of

272

00:12:19,240 --> 00:12:23,230

psychics and mediums then you know

273

00:12:21,698 --> 00:12:24,578

you're handing control over your life to

274

00:12:23,230 --> 00:12:27,759

somebody who's often you know less

275

00:12:24,578 --> 00:12:29,948

qualified than you to to run it so yeah

276

00:12:27,759 --> 00:12:31,990

I think it makes that at that point it's

277

00:12:29,948 --> 00:12:34,469

rather symbolic of this notion that

278

00:12:31,990 --> 00:12:37,178

these beliefs are not harmless

279

00:12:34,470 --> 00:12:40,269

absolutely right now I noticed that you

280

00:12:37,178 --> 00:12:42,610

are the professor of the public

281

00:12:40,269 --> 00:12:44,720

understanding of psychology at the

282

00:12:42,610 --> 00:12:47,480

University of Hartford shear which is

283

00:12:44,720 --> 00:12:50,509

quite a title and it occurred to me that

284

00:12:47,480 --> 00:12:52,600

it's it's an interesting thing to be to

285

00:12:50,509 --> 00:12:56,000

get a public understanding of psychology

286
00:12:52,600 --> 00:12:58,310
over how successful do you think you

287
00:12:56,000 --> 00:13:00,740
have been and it's an awkward question

288
00:12:58,309 --> 00:13:02,359
to ask you I'm sure but I from my point

289
00:13:00,740 --> 00:13:03,709
of view I mean given all that your

290
00:13:02,360 --> 00:13:06,470
online activities and we'll get to that

291
00:13:03,708 --> 00:13:10,399
soon you must be experienced a certain

292
00:13:06,470 --> 00:13:12,259
degree of satisfaction or success you

293
00:13:10,399 --> 00:13:14,568
know these things are really hard to

294
00:13:12,259 --> 00:13:16,579
measure if you try and measure with you

295
00:13:14,568 --> 00:13:17,599
affecting you know people's beliefs or

296
00:13:16,578 --> 00:13:19,489
how much they understand about

297
00:13:17,600 --> 00:13:21,769
psychology or whatever they're quite

298
00:13:19,490 --> 00:13:24,889
squishy things to try and put numbers

299
00:13:21,769 --> 00:13:26,778
too I think all you can do is is sore

300
00:13:24,889 --> 00:13:29,839
point to the the sales the book so that

301
00:13:26,778 --> 00:13:31,669
the salon line work or the talks there

302
00:13:29,839 --> 00:13:34,790
are people coming and kind of going well

303
00:13:31,669 --> 00:13:36,469
it is getting the word out there and

304
00:13:34,789 --> 00:13:39,019
then because we hope then people become

305
00:13:36,470 --> 00:13:40,639
energized and because my favorite thing

306
00:13:39,019 --> 00:13:42,259
whether it's with the online work or

307
00:13:40,639 --> 00:13:44,539
with the books whatever it's when you

308
00:13:42,259 --> 00:13:45,980
get the emails from you know kids who

309
00:13:44,539 --> 00:13:49,188
are going on I goodness because of you I

310
00:13:45,980 --> 00:13:50,930
became interested in psychology and and

311
00:13:49,188 --> 00:13:52,129
those at the moment that you think and

312
00:13:50,929 --> 00:13:54,169
feel that you're making a real

313
00:13:52,129 --> 00:13:55,610
difference in someone's life so yeah

314

00:13:54,169 --> 00:13:58,128
fingers crossed a man been doing it for

315
00:13:55,610 --> 00:14:00,500
10 15 years now um hopefully its effects

316
00:13:58,129 --> 00:14:02,629
his at least one person somewhere in the

317
00:14:00,500 --> 00:14:05,299
world that that's that's my goal that's

318
00:14:02,629 --> 00:14:07,009
my goal 15 years ago was to to fix with

319
00:14:05,299 --> 00:14:09,109
just one person somewhere in the world I

320
00:14:07,009 --> 00:14:12,379
set the bar low in order to be

321
00:14:09,110 --> 00:14:15,110
enormously successful it's one way to

322
00:14:12,379 --> 00:14:17,808
look at it yeah and along the way I've

323
00:14:15,110 --> 00:14:20,930
been most impressed to to see over the

324
00:14:17,808 --> 00:14:23,629
years that you've been very diligent in

325
00:14:20,929 --> 00:14:27,078
the writing Department we've got lots of

326
00:14:23,629 --> 00:14:30,079
books coming out from you 59 seconds the

327
00:14:27,078 --> 00:14:33,469
science experiments books paranormal ad

328
00:14:30,078 --> 00:14:36,469

quirkology of course and night school is

329

00:14:33,470 --> 00:14:39,170

that a newer one night school isn't out

330

00:14:36,470 --> 00:14:41,660

yet it's it's published here at the end

331

00:14:39,169 --> 00:14:43,128

of March so as I look across my desk I

332

00:14:41,659 --> 00:14:45,889

see the manuscript sitting over the

333

00:14:43,129 --> 00:14:49,370

other side of the desk layer so yes yeah

334

00:14:45,889 --> 00:14:52,850

I've been it's about six months to to

335

00:14:49,370 --> 00:14:56,058

write a book and I kind of just got into

336

00:14:52,850 --> 00:14:58,339

the habit I'd love it I enjoy the kind

337

00:14:56,058 --> 00:15:01,249

of the challenges of

338

00:14:58,339 --> 00:15:03,829

making academic psychology and then

339

00:15:01,249 --> 00:15:05,808

having to kind of write about in a way

340

00:15:03,828 --> 00:15:07,008

that hopefully engages people who may

341

00:15:05,808 --> 00:15:09,438

not understand very much about how

342

00:15:07,009 --> 00:15:11,509

psychologist do what they do so often

343
00:15:09,438 --> 00:15:12,708
people's only contact with psychologists

344
00:15:11,509 --> 00:15:14,379
is when they have a problem you know

345
00:15:12,708 --> 00:15:16,669
they'll go see a clinician or

346
00:15:14,379 --> 00:15:18,499
educational psychologist or whatever and

347
00:15:16,669 --> 00:15:20,360
of course most psychologists aren't like

348
00:15:18,499 --> 00:15:22,819
that their research base they're looking

349
00:15:20,360 --> 00:15:24,289
at whatever motivation or you know how

350
00:15:22,818 --> 00:15:26,808
you get people to give up smoking or

351
00:15:24,289 --> 00:15:29,328
whatever it is and so I guess my role is

352
00:15:26,808 --> 00:15:31,249
to take that material and write about it

353
00:15:29,328 --> 00:15:33,708
open in a way in which is accessible to

354
00:15:31,249 --> 00:15:36,379
people so nice gold is is all about the

355
00:15:33,708 --> 00:15:37,789
science of sleep and dreaming so yes

356
00:15:36,379 --> 00:15:39,800
i'll be talking about i guess for the

357
00:15:37,789 --> 00:15:41,328
next sort of four or five months which I

358
00:15:39,799 --> 00:15:43,399
love the topic so I'm really looking

359
00:15:41,328 --> 00:15:45,558
forward to it sleep and dreaming what an

360
00:15:43,399 --> 00:15:50,360
interesting topic because not so long

361
00:15:45,558 --> 00:15:53,480
ago you released an app all about trying

362
00:15:50,360 --> 00:15:55,220
to influence people's dreams you're very

363
00:15:53,480 --> 00:15:57,829
good fragger you've done your homework I

364
00:15:55,220 --> 00:16:00,769
did it's called dream on we've had half

365
00:15:57,828 --> 00:16:02,299
a million downloads of it and yes it's

366
00:16:00,769 --> 00:16:04,370
an attempt to try and influence people's

367
00:16:02,299 --> 00:16:06,229
dreams by playing what we called

368
00:16:04,370 --> 00:16:08,419
soundscapes in while they were dreaming

369
00:16:06,230 --> 00:16:10,100
and in the morning they were prompted to

370
00:16:08,419 --> 00:16:13,248
report their dreams so here we have

371

00:16:10,100 --> 00:16:15,649
about 10,000 dream reports and the book

372
00:16:13,249 --> 00:16:17,300
describes all of that work and gives the

373
00:16:15,649 --> 00:16:19,370
results which I'm not allowed to talk

374
00:16:17,299 --> 00:16:21,438
about until the end of March but they're

375
00:16:19,370 --> 00:16:23,269
very exciting that's all I'm prepared to

376
00:16:21,438 --> 00:16:27,399
say don't push me on it they're very

377
00:16:23,269 --> 00:16:27,399
exciting so what are the results Richard

378
00:16:28,808 --> 00:16:33,588
it's going to sing like this it's a

379
00:16:31,428 --> 00:16:36,379
whole thing was a complete disaster no

380
00:16:33,589 --> 00:16:39,649
no no um don't push me on it that's all

381
00:16:36,379 --> 00:16:41,870
I ask at the end of March I'll tell you

382
00:16:39,649 --> 00:16:43,339
I'll email you all right first they are

383
00:16:41,870 --> 00:16:45,740
Shafter three letter box thank you thank

384
00:16:43,339 --> 00:16:48,199
you act like I can't wait I can't wait

385
00:16:45,740 --> 00:16:51,230

because it's an interesting thing

386

00:16:48,198 --> 00:16:53,448
because it personally I often fall

387

00:16:51,230 --> 00:16:55,399
asleep with a pair of earbuds in just to

388

00:16:53,448 --> 00:16:57,318
wrap myself drift off listening to this

389

00:16:55,399 --> 00:17:00,470
that or the other and occasionally I'll

390

00:16:57,318 --> 00:17:02,120
in the wee small hours if it's still on

391

00:17:00,470 --> 00:17:04,100
whatever i'm listening to especially if

392

00:17:02,120 --> 00:17:07,130
it's the radio suddenly the people

393

00:17:04,099 --> 00:17:08,719
talking in on the radio will be

394

00:17:07,130 --> 00:17:11,720
characters in my dream so i can

395

00:17:08,720 --> 00:17:13,338
understand how that might happen oh yeah

396

00:17:11,720 --> 00:17:15,588
mean this this notion of what's called

397

00:17:13,338 --> 00:17:17,808
dream intrusion it's very well

398

00:17:15,588 --> 00:17:20,869
established and has been very well

399

00:17:17,808 --> 00:17:22,279
documented since the sixties and and

400
00:17:20,869 --> 00:17:23,899
some people have it more than others and

401
00:17:22,279 --> 00:17:26,480
certain stimuli rather than others and

402
00:17:23,900 --> 00:17:28,220
so on but around about fifty percent of

403
00:17:26,480 --> 00:17:31,279
people if you put into a sleep lab and

404
00:17:28,220 --> 00:17:34,490
then play in something it will influence

405
00:17:31,279 --> 00:17:37,069
their dream so it's a fascinating set of

406
00:17:34,490 --> 00:17:39,769
studies and then one of the questions

407
00:17:37,069 --> 00:17:41,599
that I have it were what can you do with

408
00:17:39,769 --> 00:17:43,129
that isn't yeah we don't just dream for

409
00:17:41,599 --> 00:17:44,959
the fun of their dreams have function

410
00:17:43,130 --> 00:17:46,640
they do something in our life and if you

411
00:17:44,960 --> 00:17:48,169
can influence people's dreams have you

412
00:17:46,640 --> 00:17:51,500
got a chance then influencing their

413
00:17:48,169 --> 00:17:53,450
waking state and mood so it's a

414
00:17:51,500 --> 00:17:55,069
fascinating area I mean the fact that we

415
00:17:53,450 --> 00:17:58,490
obviously spend about a third of our

416
00:17:55,069 --> 00:18:00,798
lives asleep and up until the 1950s knew

417
00:17:58,490 --> 00:18:02,720
nothing about that area you know you put

418
00:18:00,798 --> 00:18:04,190
people on the moon and you dive deep

419
00:18:02,720 --> 00:18:07,190
under the sea's but we had a third of

420
00:18:04,190 --> 00:18:08,808
our life which was a complete unknown to

421
00:18:07,190 --> 00:18:11,090
us and and so since then there's been

422
00:18:08,808 --> 00:18:12,440
this explosion of research and the book

423
00:18:11,089 --> 00:18:14,538
kind of guides people through that

424
00:18:12,440 --> 00:18:16,250
excellent want to really look out for

425
00:18:14,538 --> 00:18:19,250
and in fact I'll certainly look forward

426
00:18:16,250 --> 00:18:22,390
to seeing that myself and just talking

427
00:18:19,250 --> 00:18:25,819
about the absent and doing things online

428

00:18:22,390 --> 00:18:28,940
in that respect a couple of years ago I

429
00:18:25,819 --> 00:18:32,569
was very chuffed to download an app that

430
00:18:28,940 --> 00:18:35,570
you were created or had a hand in which

431
00:18:32,569 --> 00:18:37,339
was um a great fun and I got an enormous

432
00:18:35,569 --> 00:18:41,230
mileage out of it especially with my

433
00:18:37,339 --> 00:18:43,788
young nieces and nephews is it was

434
00:18:41,230 --> 00:18:44,990
mimicking a psychic act and I'm just

435
00:18:43,788 --> 00:18:49,179
trying to remember the name of the app

436
00:18:44,990 --> 00:18:51,710
now yes fund enough so I it was a it's

437
00:18:49,179 --> 00:18:54,048
telepath that is a telepath yeah other

438
00:18:51,710 --> 00:18:55,788
purposes it was something like that

439
00:18:54,048 --> 00:18:57,019
wasn't it yes so long ago that I'm

440
00:18:55,788 --> 00:18:59,720
struggling to remember as well I think

441
00:18:57,019 --> 00:19:02,900
in my open tell a path and all it was

442
00:18:59,720 --> 00:19:05,058

good all it was clever and my idea so

443

00:19:02,900 --> 00:19:07,970

those three things often go together at

444

00:19:05,058 --> 00:19:09,859

least in my mind yes unfortunately I do

445

00:19:07,970 --> 00:19:11,450

think it's around people to download any

446

00:19:09,859 --> 00:19:13,849

more I think there's been various sort

447

00:19:11,450 --> 00:19:16,100

of upgrades on the app system and we

448

00:19:13,849 --> 00:19:17,359

haven't kept pace with that and then

449

00:19:16,099 --> 00:19:20,209

that's one of the reasons why I'm saying

450

00:19:17,359 --> 00:19:22,579

it's very good because can't download in

451

00:19:20,210 --> 00:19:24,169

and find out that in line but now I'm

452

00:19:22,579 --> 00:19:24,829

glad you managed to deceive your your

453

00:19:24,169 --> 00:19:26,809

nephews and

454

00:19:24,829 --> 00:19:28,519

and leases with it oh it was it was

455

00:19:26,808 --> 00:19:31,819

great fun for those people who may not

456

00:19:28,519 --> 00:19:35,048

have may not be familiar with it it

457
00:19:31,819 --> 00:19:37,278
presented the your audience or your

458
00:19:35,048 --> 00:19:40,129
victim for lack of a better word with

459
00:19:37,278 --> 00:19:42,798
some numbers and pictures and you asked

460
00:19:40,130 --> 00:19:45,049
them to choose one secretly in their in

461
00:19:42,798 --> 00:19:48,889
their mind and then the app would

462
00:19:45,048 --> 00:19:51,200
magically pick the right one and it

463
00:19:48,890 --> 00:19:54,259
would really be fuddle them it was very

464
00:19:51,200 --> 00:19:56,750
clever Richard it wit it was it was

465
00:19:54,259 --> 00:19:58,339
clear I do say so myself and it's good

466
00:19:56,750 --> 00:20:01,190
that your nephews and nieces will no

467
00:19:58,339 --> 00:20:04,189
longer trust you because of it so it's

468
00:20:01,190 --> 00:20:05,720
to me that's like job done it sir that's

469
00:20:04,190 --> 00:20:09,889
great well there you go we'll let that

470
00:20:05,720 --> 00:20:12,620
leaves us on to probably what a lot of

471
00:20:09,888 --> 00:20:16,069
people know you four are the marvelous

472
00:20:12,619 --> 00:20:18,798
online videos on quirkology and I think

473
00:20:16,069 --> 00:20:21,168
you have even more more than one YouTube

474
00:20:18,798 --> 00:20:24,798
channel i think 59 seconds is another

475
00:20:21,169 --> 00:20:25,970
one if i'm not mistaken but yeah yeah

476
00:20:24,798 --> 00:20:27,589
that's right there's two of them there's

477
00:20:25,970 --> 00:20:29,538
quirkology which was the original one we

478
00:20:27,589 --> 00:20:32,599
started quite a long time ago now i

479
00:20:29,538 --> 00:20:35,000
think 2007 and then very recently I

480
00:20:32,599 --> 00:20:37,278
started in 59 seconds which is a better

481
00:20:35,000 --> 00:20:38,839
as a slightly different feel to it it's

482
00:20:37,278 --> 00:20:41,148
a little bit more in depth about some of

483
00:20:38,839 --> 00:20:44,418
the material and a bit more psychology

484
00:20:41,148 --> 00:20:46,759
ish quirkology tends to be just about

485

00:20:44,419 --> 00:20:49,278
you no illusions and bets and magic

486
00:20:46,759 --> 00:20:52,638
tricks where in 59 seconds is a bit more

487
00:20:49,278 --> 00:20:55,700
about some serious psychology the the

488
00:20:52,638 --> 00:20:58,490
way that really got kicked off unless

489
00:20:55,700 --> 00:21:01,340
I'm mistaken as you had a color-changing

490
00:20:58,490 --> 00:21:04,038
card trick which has become very famous

491
00:21:01,339 --> 00:21:06,019
and I think it's got some ridiculous

492
00:21:04,038 --> 00:21:08,778
amount of views six million downloads by

493
00:21:06,019 --> 00:21:10,970
now we're basically it was showing

494
00:21:08,778 --> 00:21:13,778
people how their observation skills can

495
00:21:10,970 --> 00:21:16,880
be completely fooled with and toyed with

496
00:21:13,778 --> 00:21:20,210
and that really took off and it's editor

497
00:21:16,880 --> 00:21:24,110
it's a wonderful clip yeah it's all very

498
00:21:20,210 --> 00:21:25,340
curious because I think that long I was

499
00:21:24,109 --> 00:21:27,619

trying to piece this together recently

500

00:21:25,339 --> 00:21:29,859

and there's magician regular magician

501

00:21:27,619 --> 00:21:32,449

called Marco tempest and Marco the done

502

00:21:29,859 --> 00:21:33,829

similar sorts of things not to do with

503

00:21:32,450 --> 00:21:35,389

what's called change blindness which is

504

00:21:33,829 --> 00:21:37,069

what the color church card trick is

505

00:21:35,388 --> 00:21:37,869

about but the idea of doing these rather

506

00:21:37,069 --> 00:21:40,869

so curious

507

00:21:37,869 --> 00:21:43,029

almost magic tricky videos and I think

508

00:21:40,869 --> 00:21:45,099

I've seen that and I thought about doing

509

00:21:43,029 --> 00:21:47,920

a one based on a card trick and with the

510

00:21:45,099 --> 00:21:49,659

change blindness and so on and I planned

511

00:21:47,920 --> 00:21:51,460

it in my head for probably a month or so

512

00:21:49,660 --> 00:21:53,920

and then we just had a spare afternoon

513

00:21:51,460 --> 00:21:56,259

in the lab and we just went out and got

514
00:21:53,920 --> 00:21:58,090
some cloth that we needed to film the

515
00:21:56,259 --> 00:22:01,089
trick and we spent about 50 pounds on it

516
00:21:58,089 --> 00:22:03,689
came back and we did about 30 or 40

517
00:22:01,089 --> 00:22:06,579
takes because it was quite tricky to do

518
00:22:03,690 --> 00:22:08,529
uploaded it and that night and and just

519
00:22:06,579 --> 00:22:10,119
went to bed and in the morning he even

520
00:22:08,529 --> 00:22:12,339
then it was up to about sort of quarter

521
00:22:10,119 --> 00:22:14,889
a million views overnight and it was

522
00:22:12,339 --> 00:22:17,319
like wow how did that happen and then

523
00:22:14,890 --> 00:22:19,540
it's just climbed up since then so we

524
00:22:17,319 --> 00:22:22,178
just kind of you know got a hole in one

525
00:22:19,539 --> 00:22:23,970
off at the very first time we did it and

526
00:22:22,179 --> 00:22:25,929
then the channels built from there so

527
00:22:23,970 --> 00:22:27,490
yeah one of the things always say to

528
00:22:25,929 --> 00:22:29,320
people is always just try things on

529
00:22:27,490 --> 00:22:31,150
YouTube because you know it's democracy

530
00:22:29,319 --> 00:22:33,250
outlet you just do not know where these

531
00:22:31,150 --> 00:22:36,550
things will lead so I'm always worth

532
00:22:33,250 --> 00:22:39,119
giving a go and yeah it is and I noticed

533
00:22:36,549 --> 00:22:41,319
that that one has been translated into

534
00:22:39,119 --> 00:22:44,469
Spanish and I which I was just watching

535
00:22:41,319 --> 00:22:47,379
a little while ago must be funny to see

536
00:22:44,470 --> 00:22:49,240
yourself speaking Spanish it is and

537
00:22:47,380 --> 00:22:51,910
Japanese I think there's Japanese

538
00:22:49,240 --> 00:22:53,679
subtitles the clips are very large in

539
00:22:51,910 --> 00:22:57,009
Japan low used on Japanese television

540
00:22:53,679 --> 00:22:59,230
quite a lot so yeah it's great that

541
00:22:57,009 --> 00:23:01,480
something that we film just for fun the

542

00:22:59,230 --> 00:23:03,610
lab you know ends up being shown all

543
00:23:01,480 --> 00:23:08,380
around the world so um yeah fun times

544
00:23:03,609 --> 00:23:11,439
and you're very very prolific I guess

545
00:23:08,380 --> 00:23:14,650
the word is with these videos are it

546
00:23:11,440 --> 00:23:16,779
seems to me that you've got a you must

547
00:23:14,650 --> 00:23:19,120
have a routine of getting out a certain

548
00:23:16,779 --> 00:23:21,250
amount of videos at a certain time but

549
00:23:19,119 --> 00:23:23,649
they're so interesting each one of them

550
00:23:21,250 --> 00:23:26,259
and I love the series the 10 bits you

551
00:23:23,650 --> 00:23:28,059
will always win how on earth do you keep

552
00:23:26,259 --> 00:23:30,700
coming up with these tricks in these

553
00:23:28,058 --> 00:23:33,450
they're like gum what can we say they're

554
00:23:30,700 --> 00:23:35,710
like the sort of bits you might have I

555
00:23:33,450 --> 00:23:38,289
having a round of drinks in a pub you

556
00:23:35,710 --> 00:23:39,850

say oh I bet I can do this backwards or

557

00:23:38,289 --> 00:23:42,579

something like that that's right yeah

558

00:23:39,849 --> 00:23:44,230

but they're all little bar bets and I

559

00:23:42,579 --> 00:23:46,629

mean the answer is in terms are coming

560

00:23:44,230 --> 00:23:49,539

up with them is that a people send them

561

00:23:46,630 --> 00:23:51,160

to me which is lovely but the of custom

562

00:23:49,539 --> 00:23:51,369

editions know about these things and

563

00:23:51,160 --> 00:23:52,600

then

564

00:23:51,369 --> 00:23:53,949

our books on them going right the way

565

00:23:52,599 --> 00:23:55,839

back to what's called rational

566

00:23:53,950 --> 00:23:57,970

recreations which is sort of a Victorian

567

00:23:55,839 --> 00:23:59,558

term for for all these little of science

568

00:23:57,970 --> 00:24:00,940

ii stunts because lots them are quite

569

00:23:59,558 --> 00:24:02,740

sciency you know that to do with

570

00:24:00,940 --> 00:24:05,320

flicking away cards or blowing in a

571
00:24:02,740 --> 00:24:07,539
certain way or whatever and you just

572
00:24:05,319 --> 00:24:09,789
sort rule through them and so with those

573
00:24:07,539 --> 00:24:11,319
videos it's not really that the filming

574
00:24:09,789 --> 00:24:13,240
or the editing or the voice-over that

575
00:24:11,319 --> 00:24:15,069
takes the time it's just finding the

576
00:24:13,240 --> 00:24:17,859
material and and that can take a month

577
00:24:15,069 --> 00:24:20,019
to to find you know ten really good ones

578
00:24:17,859 --> 00:24:22,240
that you think work I think we've done

579
00:24:20,019 --> 00:24:26,650
10 of those now so that's a hundred beds

580
00:24:22,240 --> 00:24:28,390
and it has a huge amount but you know

581
00:24:26,650 --> 00:24:30,250
people keep on watching them I think the

582
00:24:28,390 --> 00:24:31,750
most successful ones got about six maybe

583
00:24:30,250 --> 00:24:34,960
eight million views I can't remember now

584
00:24:31,750 --> 00:24:36,250
and it's so it's great you know because

585
00:24:34,960 --> 00:24:39,429
all of them are get again they're a kind

586
00:24:36,250 --> 00:24:41,049
of backdoor into into science you know

587
00:24:39,429 --> 00:24:43,330
this it after when you do those things

588
00:24:41,049 --> 00:24:44,889
that the fact i see on the latest one is

589
00:24:43,329 --> 00:24:46,629
one of my favorite ones where you put

590
00:24:44,890 --> 00:24:48,160
the the salt onto the plate and then

591
00:24:46,630 --> 00:24:49,660
sprinkle the pepper on and you

592
00:24:48,160 --> 00:24:50,890
challenged somebody to separate the

593
00:24:49,660 --> 00:24:53,080
pepper from the soul when it sounds

594
00:24:50,890 --> 00:24:55,059
impossible if you take a balloon and rub

595
00:24:53,079 --> 00:24:56,829
it on your sweater or german hold it

596
00:24:55,058 --> 00:24:59,740
above the the the plate all the pepper

597
00:24:56,829 --> 00:25:01,299
comes up the sofa and it's a lovely

598
00:24:59,740 --> 00:25:03,490
moment because as the pepper hits the

599

00:25:01,299 --> 00:25:05,919
balloon it add the amplifies so you've

600
00:25:03,490 --> 00:25:08,140
got this lovely silk sounds yeah it's

601
00:25:05,920 --> 00:25:10,090
it's really quite magical and I think

602
00:25:08,140 --> 00:25:12,460
for any kid in particular doing there

603
00:25:10,089 --> 00:25:14,109
you've just got to ask yourself or why

604
00:25:12,460 --> 00:25:16,179
is that happening you know what what is

605
00:25:14,109 --> 00:25:18,279
going on there it's very difficult to do

606
00:25:16,179 --> 00:25:20,890
that stunt and not be a little bit

607
00:25:18,279 --> 00:25:23,379
curious so so hopefully it engages

608
00:25:20,890 --> 00:25:25,450
people with with science i'm a big fan

609
00:25:23,380 --> 00:25:27,190
of people doing rather than just reading

610
00:25:25,450 --> 00:25:29,710
about this stuff and I think that's the

611
00:25:27,190 --> 00:25:34,299
power of the best videos and I think

612
00:25:29,710 --> 00:25:36,819
it's the power of the video indeed

613
00:25:34,299 --> 00:25:38,349

because yeah it's fine to read about

614

00:25:36,819 --> 00:25:40,289

these things and that and that's what a

615

00:25:38,349 --> 00:25:43,990

wonderful thing but to see it in action

616

00:25:40,289 --> 00:25:46,149

for me in particular always I think it

617

00:25:43,990 --> 00:25:47,529

always adds that little bit more and I

618

00:25:46,150 --> 00:25:49,000

think you do it in a very entertaining

619

00:25:47,529 --> 00:25:53,319

way with that corny music in the

620

00:25:49,000 --> 00:25:55,720

background and it's yeah yeah it also

621

00:25:53,319 --> 00:25:57,099

they are edited quite cleverly in the

622

00:25:55,720 --> 00:25:58,929

sense that they're edited within a

623

00:25:57,099 --> 00:26:01,809

second of their life you know if we can

624

00:25:58,929 --> 00:26:04,090

literally cut off a second we will do it

625

00:26:01,809 --> 00:26:05,019

in order to keep the pace as high as

626

00:26:04,089 --> 00:26:06,490

possible

627

00:26:05,019 --> 00:26:07,599

and cuz they are filmed here you can

628
00:26:06,490 --> 00:26:08,950
tell they're not professionally film

629
00:26:07,599 --> 00:26:11,049
they all just filmed in my living room

630
00:26:08,950 --> 00:26:13,750
and I think there's something about that

631
00:26:11,049 --> 00:26:14,980
which is quite can literally homely it

632
00:26:13,750 --> 00:26:17,289
just sort feels like you're sitting in

633
00:26:14,980 --> 00:26:19,269
on this strange guy who knows a whole

634
00:26:17,289 --> 00:26:20,500
load of weird stuff and if you give me

635
00:26:19,269 --> 00:26:22,210
three minutes I'll tell you ten things

636
00:26:20,500 --> 00:26:23,890
one of them might be great you're doing

637
00:26:22,210 --> 00:26:27,700
the bar tonight you might make some

638
00:26:23,890 --> 00:26:30,640
money it's a really easy sell and and

639
00:26:27,700 --> 00:26:32,080
you know it is really weird to walk down

640
00:26:30,640 --> 00:26:33,700
the street is occasionally down and then

641
00:26:32,079 --> 00:26:38,619
kids have kind of come up and say oh

642
00:26:33,700 --> 00:26:40,000
you're the guy from the best video oh I

643
00:26:38,619 --> 00:26:42,699
guess you forget that people are

644
00:26:40,000 --> 00:26:45,039
watching these things but I'm glad that

645
00:26:42,700 --> 00:26:47,019
people enjoy it it's it's it's sort of a

646
00:26:45,039 --> 00:26:48,849
passion because yeah the whole thing is

647
00:26:47,019 --> 00:26:50,619
mine you know in the in the sense of I I

648
00:26:48,849 --> 00:26:53,019
kind of have a vision for the whole

649
00:26:50,619 --> 00:26:55,299
piece and and then it's just nice if

650
00:26:53,019 --> 00:26:56,859
people enjoy that you know the bad old

651
00:26:55,299 --> 00:26:58,750
days of television you go in and say

652
00:26:56,859 --> 00:27:00,729
this is my idea and six months later a

653
00:26:58,750 --> 00:27:02,829
program would emerge if you were lucky

654
00:27:00,730 --> 00:27:04,180
that born no relationship to what you

655
00:27:02,829 --> 00:27:06,339
had in your head when you walked into

656

00:27:04,180 --> 00:27:08,980
the room so it's nice to do something

657
00:27:06,339 --> 00:27:10,990
where you're completely in charge and

658
00:27:08,980 --> 00:27:13,120
you go yet you know it doesn't feel like

659
00:27:10,990 --> 00:27:14,950
it's made by a committee it feels like

660
00:27:13,119 --> 00:27:16,629
it's just one person going that's my

661
00:27:14,950 --> 00:27:18,880
vision dinner whether you like it or not

662
00:27:16,630 --> 00:27:21,850
but here it is so that's that's really

663
00:27:18,880 --> 00:27:23,470
the approach it's liberating yes I think

664
00:27:21,849 --> 00:27:26,619
you're absolutely right the other videos

665
00:27:23,470 --> 00:27:30,930
I really enjoy apart from the the bets

666
00:27:26,619 --> 00:27:33,369
you can win the series you have where

667
00:27:30,930 --> 00:27:35,350
for all intents and purposes it looks

668
00:27:33,369 --> 00:27:38,169
like a magic trick you have something

669
00:27:35,349 --> 00:27:41,649
like a car a little toy car appearing

670
00:27:38,170 --> 00:27:43,450

out of an impossible situation he cannot

671

00:27:41,650 --> 00:27:45,220

be there and suddenly suddenly it is

672

00:27:43,450 --> 00:27:46,600

there and there and it's not like it's

673

00:27:45,220 --> 00:27:49,089

an editing trick it's not like you've

674

00:27:46,599 --> 00:27:51,669

stopped the movie and then fiddled with

675

00:27:49,089 --> 00:27:55,869

it and then just when you're completely

676

00:27:51,670 --> 00:27:58,660

baffled or you produce a huge ball from

677

00:27:55,869 --> 00:28:02,019

from seemingly nowhere keep watching the

678

00:27:58,660 --> 00:28:04,630

video and then all is revealed and it's

679

00:28:02,019 --> 00:28:06,190

one of those very interesting moments

680

00:28:04,630 --> 00:28:07,840

but i guess that harkens back to the

681

00:28:06,190 --> 00:28:09,519

color-changing trick because you can

682

00:28:07,839 --> 00:28:12,039

watch that stop at halfway through and

683

00:28:09,519 --> 00:28:14,680

go away and think about forever or you

684

00:28:12,039 --> 00:28:17,349

can continue watching

685
00:28:14,680 --> 00:28:19,660
and most people do and hopefully their

686
00:28:17,349 --> 00:28:21,490
device so that first of all they don't

687
00:28:19,660 --> 00:28:22,750
make magicians angry magicians tend to

688
00:28:21,490 --> 00:28:24,609
really like that there's nothing being

689
00:28:22,750 --> 00:28:27,069
given away there that would impact on

690
00:28:24,609 --> 00:28:28,899
magic but second that the method how

691
00:28:27,069 --> 00:28:32,289
it's done hopefully is more entertaining

692
00:28:28,900 --> 00:28:35,290
than the effect and often you think oh

693
00:28:32,289 --> 00:28:39,069
my goodness it was so simple I just made

694
00:28:35,289 --> 00:28:41,500
one assumption and that tripped me up so

695
00:28:39,069 --> 00:28:44,829
they are fun they are a nightmare to

696
00:28:41,500 --> 00:28:47,890
make yeah because yeah I mean often the

697
00:28:44,829 --> 00:28:51,549
timing is a split second so on that the

698
00:28:47,890 --> 00:28:54,580
car one I have just got tapes after tape

699
00:28:51,549 --> 00:28:56,079
of me not doing it as it were and not

700
00:28:54,579 --> 00:28:58,599
being add formed a trick because it's

701
00:28:56,079 --> 00:29:00,819
literally millimeters as to whether or

702
00:28:58,599 --> 00:29:03,939
not you see the car first time around so

703
00:29:00,819 --> 00:29:05,169
and yeah so basically what happens is

704
00:29:03,940 --> 00:29:07,210
that I know we put something on

705
00:29:05,170 --> 00:29:09,130
television flow on these box sets HBO

706
00:29:07,210 --> 00:29:11,340
things that I'm watching and I'm

707
00:29:09,130 --> 00:29:14,140
actually doing the trick what watching

708
00:29:11,339 --> 00:29:16,599
HBO thing because I'm gonna do the

709
00:29:14,140 --> 00:29:18,280
tricks so many times that I might have

710
00:29:16,599 --> 00:29:19,869
must have something on so one of the

711
00:29:18,279 --> 00:29:21,849
reasons why they've often no-go

712
00:29:19,869 --> 00:29:25,179
soundtrack is that you'd be hearing an

713

00:29:21,849 --> 00:29:27,250
HBO series in the background so I think

714
00:29:25,180 --> 00:29:29,529
with the ball one which Caroline and I

715
00:29:27,250 --> 00:29:33,210
did Carolina partners that the ninja on

716
00:29:29,529 --> 00:29:35,619
that really was really yeah I weren't oh

717
00:29:33,210 --> 00:29:38,890
she Reaganinja no she's regular

718
00:29:35,619 --> 00:29:42,909
creeping around then I think we did it

719
00:29:38,890 --> 00:29:44,680
like 50 or 60 times best about 30 x 30

720
00:29:42,910 --> 00:29:47,230
thought takes in I could feel mr.

721
00:29:44,680 --> 00:29:49,690
goodwill leaving the roof from from

722
00:29:47,230 --> 00:29:52,360
Caroline's perspective and and

723
00:29:49,690 --> 00:29:54,430
eventually we got it so what's funny is

724
00:29:52,359 --> 00:29:56,469
you guys only see the one thing that

725
00:29:54,430 --> 00:29:58,450
works and they all yeah that's fun and

726
00:29:56,470 --> 00:30:01,690
you don't haven't seen the the sheer

727
00:29:58,450 --> 00:30:03,370

misery behind that but it's no there

728

00:30:01,690 --> 00:30:05,559

there might favor actually I do love

729

00:30:03,369 --> 00:30:08,319

them no but we're credit to you you do

730

00:30:05,559 --> 00:30:09,970

include often you do include a couple of

731

00:30:08,319 --> 00:30:13,230

times where it goes wrong just do it

732

00:30:09,970 --> 00:30:16,029

make the point these things are not easy

733

00:30:13,230 --> 00:30:17,289

no and they're not easy for professional

734

00:30:16,029 --> 00:30:19,210

television either because they often

735

00:30:17,289 --> 00:30:21,490

they have been reconstructed on

736

00:30:19,210 --> 00:30:22,870

television and one thing is that because

737

00:30:21,490 --> 00:30:25,480

i'm using an option not using a

738

00:30:22,869 --> 00:30:27,519

professional camera my camera is far

739

00:30:25,480 --> 00:30:28,460

more giving in terms of focus now when

740

00:30:27,519 --> 00:30:30,619

you put a professional

741

00:30:28,460 --> 00:30:34,009

Rin often you can't perform them because

742
00:30:30,619 --> 00:30:35,209
the the focusing is wrong on it and also

743
00:30:34,009 --> 00:30:38,629
they're not prepared to sit there all

744
00:30:35,210 --> 00:30:40,250
day as you do take after take so often

745
00:30:38,630 --> 00:30:42,410
we had crews who come in and wanted to

746
00:30:40,250 --> 00:30:44,359
recreate them yeah fine use the room

747
00:30:42,410 --> 00:30:46,130
here's the props and after about an hour

748
00:30:44,359 --> 00:30:47,779
or so you hear the swearing start to

749
00:30:46,130 --> 00:30:50,210
come out of the room as they realize

750
00:30:47,779 --> 00:30:51,589
what it is nothing it's I think oh come

751
00:30:50,210 --> 00:30:53,180
on i can't believe you could you know I

752
00:30:51,589 --> 00:30:56,809
said yeah yeah yeah it took us four

753
00:30:53,180 --> 00:30:58,820
hours to get that one um so it's it's

754
00:30:56,809 --> 00:31:00,409
it's all fun so it must be a

755
00:30:58,819 --> 00:31:03,589
wonderful thing then to review the

756
00:31:00,410 --> 00:31:05,660
latest agency you've got it oh that's a

757
00:31:03,589 --> 00:31:07,669
moment yeah yes when you'll sit round

758
00:31:05,660 --> 00:31:09,410
the garth and goodness we've got one and

759
00:31:07,670 --> 00:31:11,150
and that's why i had in mind look it

760
00:31:09,410 --> 00:31:12,740
looks great look yellow the car looks

761
00:31:11,150 --> 00:31:14,750
like it see how is it possible that's

762
00:31:12,740 --> 00:31:16,609
why i had in mind because until you got

763
00:31:14,750 --> 00:31:18,079
that moment you don't know that it's

764
00:31:16,609 --> 00:31:19,219
impossible you know if you you just

765
00:31:18,079 --> 00:31:22,490
don't think i think it's gonna work

766
00:31:19,220 --> 00:31:24,589
right and and so you never know until

767
00:31:22,490 --> 00:31:27,529
you see that magic take and then you go

768
00:31:24,589 --> 00:31:28,849
that's what i have in mind and then cuz

769
00:31:27,529 --> 00:31:30,559
you have to show it to other people and

770

00:31:28,849 --> 00:31:32,230
sometimes they just don't work and

771
00:31:30,559 --> 00:31:35,000
people go it obvious is it's whatever

772
00:31:32,230 --> 00:31:37,099
then you back to the drawing board bass

773
00:31:35,000 --> 00:31:38,839
success rate is pretty good we probably

774
00:31:37,099 --> 00:31:42,679
only dropped one or two over the years

775
00:31:38,839 --> 00:31:45,799
um just a week well with the the ball

776
00:31:42,680 --> 00:31:47,299
one which includes the ninja in some

777
00:31:45,799 --> 00:31:50,809
respects which you mentioned in the end

778
00:31:47,299 --> 00:31:52,879
the appearing car the when I viewed

779
00:31:50,809 --> 00:31:55,759
those both for the first time I was

780
00:31:52,880 --> 00:31:58,340
baffled I could not see how when where

781
00:31:55,759 --> 00:32:00,740
and how could that possibly work so it

782
00:31:58,339 --> 00:32:01,849
worked in that respect good good good

783
00:32:00,740 --> 00:32:03,620
good yeah magicians have done the same

784
00:32:01,849 --> 00:32:05,389

thing I had a heated phone call from

785

00:32:03,619 --> 00:32:07,279

somebody who was swearing at me down the

786

00:32:05,390 --> 00:32:09,500

phone about the the car because they've

787

00:32:07,279 --> 00:32:11,450

been in magic like 20 years and because

788

00:32:09,500 --> 00:32:12,890

it's not principal magicians use in the

789

00:32:11,450 --> 00:32:14,960

in the former house using and they were

790

00:32:12,890 --> 00:32:17,840

going I just couldn't believe you fooled

791

00:32:14,960 --> 00:32:20,180

me so yeah there's a sense of delight

792

00:32:17,839 --> 00:32:22,399

and anger and their voice so no it's

793

00:32:20,180 --> 00:32:24,049

it's great because it's so easy oh they

794

00:32:22,400 --> 00:32:26,750

sit online people can watch them

795

00:32:24,049 --> 00:32:28,669

anywhere in the world any time at all so

796

00:32:26,750 --> 00:32:29,930

I just think I lovely that right now

797

00:32:28,670 --> 00:32:31,310

some in the world somebody'll be

798

00:32:29,930 --> 00:32:33,380

watching one of those videos and

799
00:32:31,309 --> 00:32:34,849
giggling the liver the same way that you

800
00:32:33,380 --> 00:32:36,980
giggle would i giggle the first time we

801
00:32:34,849 --> 00:32:38,629
saw it so it just feels like a lovely

802
00:32:36,980 --> 00:32:40,339
way getting this stuff out there it

803
00:32:38,630 --> 00:32:41,330
absolutely is now if people aren't

804
00:32:40,339 --> 00:32:42,859
familiar with the v

805
00:32:41,329 --> 00:32:46,339
goes in the books and all the rest of it

806
00:32:42,859 --> 00:32:50,000
it's very easy folks just Google Richard

807
00:32:46,339 --> 00:32:53,449
Wiseman or you could go to ww Richard

808
00:32:50,000 --> 00:32:55,670
Wiseman wordpress com all the links are

809
00:32:53,450 --> 00:32:57,590
there including for people I guess

810
00:32:55,670 --> 00:32:59,330
especially in the UK if they want to

811
00:32:57,589 --> 00:33:01,339
engage you as a public speaker and I've

812
00:32:59,329 --> 00:33:04,730
had the pleasure of seeing you speak in

813
00:33:01,339 --> 00:33:08,539
public well since 2000 when I think

814
00:33:04,730 --> 00:33:11,269
about it and I guess the last time we

815
00:33:08,539 --> 00:33:14,559
caught up wood was the year before last

816
00:33:11,269 --> 00:33:17,119
in Edinburgh and then the wonderful QED

817
00:33:14,559 --> 00:33:19,369
conventions yes that's right now i'm

818
00:33:17,119 --> 00:33:21,349
back at QED this year actually in a few

819
00:33:19,369 --> 00:33:24,289
few months times so yes that's right

820
00:33:21,349 --> 00:33:26,389
that's where we remember we chatted and

821
00:33:24,289 --> 00:33:28,399
we laughed we did we had a lovely stroll

822
00:33:26,390 --> 00:33:30,740
along the river there in n brown we just

823
00:33:28,400 --> 00:33:34,160
sort of had no agenda as we walked along

824
00:33:30,740 --> 00:33:35,839
we made observations and nosa it was an

825
00:33:34,160 --> 00:33:38,420
interesting interview but one of my

826
00:33:35,839 --> 00:33:40,099
favorites I think yeah sometimes these

827

00:33:38,420 --> 00:33:43,730
things you know they work just fell very

828
00:33:40,099 --> 00:33:46,099
natural and and also it's just nice i

829
00:33:43,730 --> 00:33:49,009
think to so chat about these things and

830
00:33:46,099 --> 00:33:50,179
see what kind of percolates out and what

831
00:33:49,009 --> 00:33:51,410
i was going to say she wasn't thought

832
00:33:50,180 --> 00:33:53,690
that occurred to me then was that I

833
00:33:51,410 --> 00:33:55,490
think you know sometimes people very

834
00:33:53,690 --> 00:33:57,710
worried about skepticism and and the

835
00:33:55,490 --> 00:33:59,630
future of it by honestly think that the

836
00:33:57,710 --> 00:34:02,029
future is very bright when you look at

837
00:33:59,630 --> 00:34:05,150
youtube you know this the scientists

838
00:34:02,029 --> 00:34:07,879
content is astounding you know for years

839
00:34:05,150 --> 00:34:09,470
I've sat in them does the BBC and other

840
00:34:07,880 --> 00:34:11,119
offices and the commissioning editors

841
00:34:09,469 --> 00:34:13,099

told me that so we don't need talking

842

00:34:11,119 --> 00:34:14,900

head scientists it's all too dull and no

843

00:34:13,099 --> 00:34:18,110

one's watching it and then someone like

844

00:34:14,900 --> 00:34:20,329

Vsauce just put out the most amazing

845

00:34:18,110 --> 00:34:23,630

science content essentially talking head

846

00:34:20,329 --> 00:34:25,489

stuff 12 minute items or so amazing

847

00:34:23,630 --> 00:34:27,530

number of views so the science stuff is

848

00:34:25,489 --> 00:34:29,299

their skepticism the magic stuff is

849

00:34:27,530 --> 00:34:32,000

there you know finally we can talk

850

00:34:29,300 --> 00:34:34,250

directly to our audience and and I think

851

00:34:32,000 --> 00:34:36,079

skeptics and magicians and scientists

852

00:34:34,250 --> 00:34:38,510

are doing a wonderful job with it I

853

00:34:36,079 --> 00:34:41,360

think you're absolutely right in its

854

00:34:38,510 --> 00:34:45,050

it's great to see of course it means on

855

00:34:41,360 --> 00:34:46,640

the flip side those people with maybe we

856
00:34:45,050 --> 00:34:48,769
can say beliefs that we don't quite

857
00:34:46,639 --> 00:34:50,509
understand or necessarily agree with it

858
00:34:48,769 --> 00:34:52,579
doing the same thing but hey we're all

859
00:34:50,510 --> 00:34:54,130
in this together at least there's a

860
00:34:52,579 --> 00:34:55,840
resource like

861
00:34:54,130 --> 00:34:57,490
your videos and your online things in

862
00:34:55,840 --> 00:34:59,260
your books which are very important for

863
00:34:57,489 --> 00:35:01,689
people to run to Professor Richard

864
00:34:59,260 --> 00:35:03,640
Wiseman how I wish that I had the time

865
00:35:01,690 --> 00:35:06,190
to have another stroll with you through

866
00:35:03,639 --> 00:35:08,799
edinburgh city I love I dearly love up

867
00:35:06,190 --> 00:35:10,659
back come back I shown up a Casillas I

868
00:35:08,800 --> 00:35:12,580
fell at my earliest convenience and ride

869
00:35:10,659 --> 00:35:14,319
the trams I look forward to their it's

870
00:35:12,579 --> 00:35:16,480
apparent they're at their a month away

871
00:35:14,320 --> 00:35:18,820
but yes all your listeners come back

872
00:35:16,480 --> 00:35:21,849
come here and come round for tea and

873
00:35:18,820 --> 00:35:24,280
cakes and a fun will be had by all

874
00:35:21,849 --> 00:35:25,690
you're not in here aren t that you heard

875
00:35:24,280 --> 00:35:28,150
it here first folks you can visit

876
00:35:25,690 --> 00:35:31,829
Richard Wiseman enough no doubt appear

877
00:35:28,150 --> 00:35:34,349
in his next wonderful quirkology video

878
00:35:31,829 --> 00:35:36,940
Richard Wiseman thank you very much a

879
00:35:34,349 --> 00:35:40,269
pleasure thank you so you're thinking

880
00:35:36,940 --> 00:35:41,980
what's the ecology all about well there

881
00:35:40,269 --> 00:35:44,559
are surefire bitch you can use to

882
00:35:41,980 --> 00:35:46,349
impress your friends incredible

883
00:35:44,559 --> 00:35:49,199
illusions don't blow your mind

884

00:35:46,349 --> 00:35:51,969
interactive experiment usual your brain

885
00:35:49,199 --> 00:35:54,219
magic tricks and we don't just perform

886
00:35:51,969 --> 00:35:56,259
the tricks we take you backstage you can

887
00:35:54,219 --> 00:36:00,219
see the secret and lots of amazing

888
00:35:56,260 --> 00:36:03,820
science stunts the boys work here kinda

889
00:36:00,219 --> 00:36:06,509
so subscribe to oncology now you won't

890
00:36:03,820 --> 00:36:06,510
believe your eyes

891
00:36:19,429 --> 00:36:25,440
the skeptic magazine the journal from

892
00:36:22,289 --> 00:36:27,659
Australian skeptics subscribe online to

893
00:36:25,440 --> 00:36:32,970
the world's second oldest skeptical

894
00:36:27,659 --> 00:36:35,730
magazine visit w WC apx com au and click

895
00:36:32,969 --> 00:36:39,689
the publication's league you can also

896
00:36:35,730 --> 00:36:43,019
find their over 30 years on back issues

897
00:36:39,690 --> 00:36:53,730
free to download the skeptic magazine

898
00:36:43,019 --> 00:36:55,769

from Australian skeptics welcome to a

899

00:36:53,730 --> 00:36:57,139

week in science from our IRS bringing

900

00:36:55,769 --> 00:36:59,429

you the science you need to know

901

00:36:57,139 --> 00:37:01,829

Valentine's Day possibly the most

902

00:36:59,429 --> 00:37:03,750

romantic day of the year if you're still

903

00:37:01,829 --> 00:37:05,940

searching for your special someone you

904

00:37:03,750 --> 00:37:09,349

may have considered going online but how

905

00:37:05,940 --> 00:37:09,349

do those sites actually work

906

00:37:10,650 --> 00:37:15,789

one dating site found led us into the

907

00:37:13,360 --> 00:37:18,610

secret which uses simple math equations

908

00:37:15,789 --> 00:37:20,050

to determine compatibility when you join

909

00:37:18,610 --> 00:37:22,390

you answer a bunch of questions about

910

00:37:20,050 --> 00:37:25,360

yourself and also about what you look

911

00:37:22,389 --> 00:37:28,210

for in other people and no pressure but

912

00:37:25,360 --> 00:37:30,070

each answer you give is worth points if

913
00:37:28,210 --> 00:37:32,409
you mark a particular criteria as

914
00:37:30,070 --> 00:37:34,840
mandatory like being a dog person for

915
00:37:32,409 --> 00:37:36,940
instance the answer to that criteria

916
00:37:34,840 --> 00:37:39,400
will be worth lots of points but if you

917
00:37:36,940 --> 00:37:42,010
mark a criteria as not important the

918
00:37:39,400 --> 00:37:44,530
answer is worth less each potential

919
00:37:42,010 --> 00:37:47,110
partner answering questions gets a score

920
00:37:44,530 --> 00:37:49,060
based on the criteria you set their

921
00:37:47,110 --> 00:37:51,250
score and the score you get for their

922
00:37:49,059 --> 00:37:52,989
criteria are put into a mathematical

923
00:37:51,250 --> 00:37:56,980
equation which gives what's called a

924
00:37:52,989 --> 00:37:59,319
match score here's an example I'm a

925
00:37:56,980 --> 00:38:01,329
nonsmoker which is mandatory criteria

926
00:37:59,320 --> 00:38:03,269
for my future partner and i also like

927
00:38:01,329 --> 00:38:05,860
clubbing but that's not that important

928
00:38:03,269 --> 00:38:08,170
i'm a nonsmoker but it's not that

929
00:38:05,860 --> 00:38:10,260
important for me i do like seeing live

930
00:38:08,170 --> 00:38:13,360
bands and that's important for my match

931
00:38:10,260 --> 00:38:15,850
based on my criteria Tonya gets lots of

932
00:38:13,360 --> 00:38:17,470
points for not smoking and only loses

933
00:38:15,849 --> 00:38:20,049
one point because she doesn't like

934
00:38:17,469 --> 00:38:21,819
clubbing and for me Ben only get some

935
00:38:20,050 --> 00:38:24,100
points for being a nonsmoker because I

936
00:38:21,820 --> 00:38:25,600
don't really care but losers lots of

937
00:38:24,099 --> 00:38:28,089
points because he doesn't like live

938
00:38:25,599 --> 00:38:31,139
bands we answered some more questions

939
00:38:28,090 --> 00:38:34,809
pop them into the equation and why hello

940
00:38:31,139 --> 00:38:36,429
ninety-four percent and now for science

941

00:38:34,809 --> 00:38:38,858
pick up lines that you can try out if

942
00:38:36,429 --> 00:38:41,419
you're desperate

943
00:38:38,858 --> 00:38:43,699
are you a nice integrate angle cuz

944
00:38:41,420 --> 00:38:46,670
you're all right do you have 11 protons

945
00:38:43,699 --> 00:38:49,429
cuz your sodium fine we fit together

946
00:38:46,670 --> 00:38:52,159
like the sticky ends recombinant DNA if

947
00:38:49,429 --> 00:38:55,819
i were an enzyme i'd be DNA helicase so

948
00:38:52,159 --> 00:38:57,649
i could unzip your jeans that's it for

949
00:38:55,820 --> 00:38:59,840
this week in science for more

950
00:38:57,650 --> 00:39:03,940
information on the mass of love goes the

951
00:38:59,840 --> 00:39:07,220
Arias websites are I aus org a you

952
00:39:03,940 --> 00:39:09,740
follow us on twitter at our iOS and like

953
00:39:07,219 --> 00:39:13,779
us on Facebook I'm tani Amaya and I'm

954
00:39:09,739 --> 00:39:13,779
Ben Lewis and we'll catch you next week

955
00:39:26,869 --> 00:39:32,190

but guess yours is an award-winning

956

00:39:29,340 --> 00:39:35,190

weekly science show in French hosted by

957

00:39:32,190 --> 00:39:37,500

a bunch of crazy enthusiasts we are

958

00:39:35,190 --> 00:39:39,840

convinced that the greatest ideas in

959

00:39:37,500 --> 00:39:42,059

science are quite easy to grasp as long

960

00:39:39,840 --> 00:39:44,640

as they are presented with passion using

961

00:39:42,059 --> 00:39:46,769

a vocabulary common to all curious minds

962

00:39:44,639 --> 00:39:49,589

whatever their academic background if

963

00:39:46,769 --> 00:39:52,590

any we don't understand French yet oh

964

00:39:49,590 --> 00:39:54,480

it's never too late all our stories have

965

00:39:52,590 --> 00:39:56,250

a written transcript on the website and

966

00:39:54,480 --> 00:39:58,409

people from all around the world are

967

00:39:56,250 --> 00:40:01,500

using our content to learn Maria's

968

00:39:58,409 --> 00:40:03,750

language our topics range from 0 to

969

00:40:01,500 --> 00:40:06,269

infinity from evolution to artificial

970
00:40:03,750 --> 00:40:08,909
life from electromagnetism to the

971
00:40:06,269 --> 00:40:12,119
science of introverts we just love

972
00:40:08,909 --> 00:40:14,940
mathematics science critical thinking so

973
00:40:12,119 --> 00:40:16,619
do you want to join you can subscribe to

974
00:40:14,940 --> 00:40:19,320
the podcast for free from our website

975
00:40:16,619 --> 00:40:21,989
podcast science tops FM that's in one

976
00:40:19,320 --> 00:40:24,510
word you also find us on itunes and

977
00:40:21,989 --> 00:40:26,369
soundcloud see you soon hopefully at

978
00:40:24,510 --> 00:40:28,910
lose a year and the other words up

979
00:40:26,369 --> 00:40:28,909
against yours

980
00:40:44,670 --> 00:40:49,329
thank you for listening to the skeptic

981
00:40:47,170 --> 00:40:52,150
zone this week a slightly shorter

982
00:40:49,329 --> 00:40:54,760
episode but I hope you are enjoyed it

983
00:40:52,150 --> 00:40:57,400
nevertheless Richard Wiseman what an

984
00:40:54,760 --> 00:41:00,609
interesting man coming up on the skeptic

985
00:40:57,400 --> 00:41:04,298
zone I think next week and interview

986
00:41:00,608 --> 00:41:08,048
with neil degrasse tyson and and you're

987
00:41:04,298 --> 00:41:13,329
in to talk about the new series of

988
00:41:08,048 --> 00:41:16,809
cosmos wow oh wow I've been hinting

989
00:41:13,329 --> 00:41:18,940
about this on my facebook profile saying

990
00:41:16,809 --> 00:41:23,920
something very exciting is coming up and

991
00:41:18,940 --> 00:41:25,809
that's it folks I'm I'm beside myself I

992
00:41:23,920 --> 00:41:28,809
really am I feel like I'm 15 years old

993
00:41:25,809 --> 00:41:30,369
again so I'm going to be chatting with

994
00:41:28,809 --> 00:41:32,798
neil degrasse tyson and and ruin all

995
00:41:30,369 --> 00:41:36,849
about the new cosmos and i hope to bring

996
00:41:32,798 --> 00:41:39,599
you that all those interviews on the

997
00:41:36,849 --> 00:41:45,099
very next episode of the skeptic zone

998

00:41:39,599 --> 00:41:47,470
Wow in the meantime in the meantime you

999
00:41:45,099 --> 00:41:50,859
might want to sneak over the youtube and

1000
00:41:47,469 --> 00:41:54,909
type in cosmos and Carl Sagan and relive

1001
00:41:50,858 --> 00:41:56,259
some fine memories hmm well I better get

1002
00:41:54,909 --> 00:42:00,608
ready for that I have some research to

1003
00:41:56,260 --> 00:42:03,970
do some bits and pieces to read some

1004
00:42:00,608 --> 00:42:06,000
bios and press releases and whatnot so

1005
00:42:03,969 --> 00:42:12,818
uncle next week this is Richard Saunders

1006
00:42:06,000 --> 00:42:15,449
signing off from Sydney Australia you've

1007
00:42:12,818 --> 00:42:20,219
been listening to the skeptic zone

1008
00:42:15,449 --> 00:42:23,279
visit our website at www.skeptics.org on TV

1009
00:42:20,219 --> 00:42:25,909
for comments contacts and extra video

1010
00:42:23,280 --> 00:42:25,910
reports

1011
00:42:29,139 --> 00:42:31,170
Oh