



Episode **647**

THE SKEPTIC ZONE PODCAST

7 March 2021

www.skepticzone.tv

Do bad things happen in 3s?
With Adrienne Hill

Warning about Anti-Vaxxers

The Book of Tim with Tim Mendham

A look into Trove
Psychic Test 1950
Into the Unknown Part #10



1
00:00:11,190 --> 00:00:08,390
welcome to the skeptic zone

2
00:00:16,840 --> 00:00:11,200
the podcast from australia for science

3
00:00:23,349 --> 00:00:16,850
and reason

4
00:00:25,189 --> 00:00:23,359
[Music]

5
00:00:27,830 --> 00:00:25,199
yes it's the skeptic zone podcast

6
00:00:30,470 --> 00:00:27,840
episode number 647

7
00:00:32,389 --> 00:00:30,480
for the 7th of march 2021 richard

8
00:00:34,389 --> 00:00:32,399
saunders coming to you from a

9
00:00:35,910 --> 00:00:34,399
it looks like to be a warm and sunny

10
00:00:38,069 --> 00:00:35,920
sydney australia

11
00:00:39,510 --> 00:00:38,079
and my spies in oregon tell me it's

12
00:00:41,510 --> 00:00:39,520
snowing

13
00:00:43,590 --> 00:00:41,520

i'm sure you needed to know that my

14

00:00:45,910 --> 00:00:43,600

other spies in victoria

15

00:00:46,950 --> 00:00:45,920

tell me it's hot i'm sure you needed to

16

00:00:49,350 --> 00:00:46,960

know that too

17

00:00:51,029 --> 00:00:49,360

good day for the beach a good day for

18

00:00:53,110 --> 00:00:51,039

coffee with friends i think

19

00:00:54,869 --> 00:00:53,120

i wonder what the temperature is like in

20

00:00:56,549 --> 00:00:54,879

canada because at the top of the show we

21

00:00:59,430 --> 00:00:56,559

have a new segment

22

00:01:00,229 --> 00:00:59,440

you can count on adrian with adrian hill

23

00:01:04,229 --> 00:01:00,239

adrian hill

24

00:01:05,830 --> 00:01:04,239

from canada is a math teacher

25

00:01:07,429 --> 00:01:05,840

and she's going to be starting a new

26

00:01:09,750 --> 00:01:07,439

series about

27

00:01:11,030 --> 00:01:09,760

myths concerned with numbers and

28

00:01:13,190 --> 00:01:11,040

mathematics

29

00:01:15,749 --> 00:01:13,200

today she's going to be looking at the

30

00:01:19,270 --> 00:01:15,759

myth or the saying or the idea that

31

00:01:20,390 --> 00:01:19,280

bad things happen in threes come along

32

00:01:21,990 --> 00:01:20,400

in threes

33

00:01:23,510 --> 00:01:22,000

two bad things have happened just wait

34

00:01:24,710 --> 00:01:23,520

there'll be another one something like

35

00:01:26,550 --> 00:01:24,720

that

36

00:01:28,469 --> 00:01:26,560

do bad things really happen in threes

37

00:01:29,510 --> 00:01:28,479

with adrian hill coming up at the top of

38

00:01:31,030 --> 00:01:29,520

the show

39

00:01:33,190 --> 00:01:31,040

can we give a big shout out to our

40

00:01:35,429 --> 00:01:33,200

friend in the united states

41

00:01:37,830 --> 00:01:35,439

jennifer hathon who was really the

42

00:01:40,310 --> 00:01:37,840

inspiration and helped with this story

43

00:01:42,630 --> 00:01:40,320

enormously thank you jennifer following

44

00:01:44,870 --> 00:01:42,640

that it's a news item

45

00:01:47,270 --> 00:01:44,880

about the fears and concerns that

46

00:01:51,429 --> 00:01:47,280

authorities have about

47

00:01:54,630 --> 00:01:51,439

the vaccine deniers in this country

48

00:01:56,550 --> 00:01:54,640

the good old anti-vaxxers and the

49

00:01:57,670 --> 00:01:56,560

possible action they could take against

50

00:02:00,789 --> 00:01:57,680

uh

51
00:02:02,950 --> 00:02:00,799
the rollout of vaccines against covert

52
00:02:05,030 --> 00:02:02,960
19 here in australia

53
00:02:06,230 --> 00:02:05,040
following that it's the book of tim with

54
00:02:09,589 --> 00:02:06,240
tim mendem

55
00:02:13,589 --> 00:02:09,599
and this week tim looks at planets days

56
00:02:14,949 --> 00:02:13,599
dates and death and this is the final of

57
00:02:16,229 --> 00:02:14,959
the book of tim for the moment i'll have

58
00:02:17,750 --> 00:02:16,239
to encourage tim

59
00:02:20,309 --> 00:02:17,760
to come back to the skeptic's own

60
00:02:22,070 --> 00:02:20,319
studios and record some more i can

61
00:02:25,190 --> 00:02:22,080
usually encourage him over with an

62
00:02:26,229 --> 00:02:25,200
offer of a lunch hmm we'll see what we

63
00:02:27,910 --> 00:02:26,239

can do

64

00:02:29,589 --> 00:02:27,920

then to round off this week's show it's

65

00:02:32,869 --> 00:02:29,599

the final

66

00:02:34,949 --> 00:02:32,879

into the unknown in our trove segment

67

00:02:35,990 --> 00:02:34,959

the final wrapping up the final summing

68

00:02:38,869 --> 00:02:36,000

up of the committee

69

00:02:40,869 --> 00:02:38,879

looking into paranormal claims from 1949

70

00:02:44,470 --> 00:02:40,879

reported in 1950

71

00:02:47,030 --> 00:02:44,480

in the uk a slightly shorter than

72

00:02:48,710 --> 00:02:47,040

average show this week but i hope you'll

73

00:02:50,470 --> 00:02:48,720

enjoy it nevertheless

74

00:02:51,830 --> 00:02:50,480

but now it's time for me to run

75

00:02:54,229 --> 00:02:51,840

downstairs

76
00:02:55,110 --> 00:02:54,239
and have some peanuts because i can

77
00:03:10,780 --> 00:02:55,120
while i do that

78
00:03:18,229 --> 00:03:14,710
[Music]

79
00:03:19,570 --> 00:03:18,239
you can count on adrian with

80
00:03:28,630 --> 00:03:19,580
adrian hill

81
00:03:32,390 --> 00:03:30,789
hello everyone today i'm going to be

82
00:03:35,030 --> 00:03:32,400
looking at the myth

83
00:03:36,550 --> 00:03:35,040
that bad things happen or come along in

84
00:03:38,789 --> 00:03:36,560
threes

85
00:03:41,830 --> 00:03:38,799
this myth is widespread even if some

86
00:03:43,830 --> 00:03:41,840
people don't think too deeply about it

87
00:03:45,110 --> 00:03:43,840
but i think we can explore just why this

88
00:03:47,350 --> 00:03:45,120

myth came to be

89

00:03:48,949 --> 00:03:47,360

and also why it seems to come true from

90

00:03:51,270 --> 00:03:48,959

time to time

91

00:03:53,190 --> 00:03:51,280

before i get into this myth please keep

92

00:03:53,990 --> 00:03:53,200

in the back of your mind that we humans

93

00:03:56,710 --> 00:03:54,000

have evolved

94

00:03:58,070 --> 00:03:56,720

to be pattern seeking storytelling

95

00:04:01,970 --> 00:03:58,080

animals

96

00:04:04,309 --> 00:04:01,980

we have the ability to imagine

97

00:04:05,910 --> 00:04:04,319

[Music]

98

00:04:07,429 --> 00:04:05,920

let's look at some of the psychology

99

00:04:09,990 --> 00:04:07,439

about this bad things

100

00:04:11,830 --> 00:04:10,000

myth i think you'll see how easy it is

101
00:04:14,710 --> 00:04:11,840
for people to come to believe

102
00:04:16,710 --> 00:04:14,720
there might be something in it even

103
00:04:19,749 --> 00:04:16,720
something mystical

104
00:04:21,909 --> 00:04:19,759
bad things happen every day can we

105
00:04:23,510 --> 00:04:21,919
put them into some sort of scale of

106
00:04:25,909 --> 00:04:23,520
badness

107
00:04:28,390 --> 00:04:25,919
how bad does a bad thing have to be

108
00:04:30,390 --> 00:04:28,400
before it's a very bad thing

109
00:04:32,230 --> 00:04:30,400
did you run out of coffee this morning

110
00:04:34,230 --> 00:04:32,240
was that a bad thing

111
00:04:35,990 --> 00:04:34,240
it's not so bad in the scheme of things

112
00:04:38,710 --> 00:04:36,000
although maybe some of my friends

113
00:04:40,710 --> 00:04:38,720

would disagree would you include that in

114

00:04:42,390 --> 00:04:40,720

a possible list of bad things that might

115

00:04:44,790 --> 00:04:42,400

happen in threes

116

00:04:45,430 --> 00:04:44,800

maybe in your own day-to-day life you

117

00:04:47,350 --> 00:04:45,440

might

118

00:04:49,510 --> 00:04:47,360

but i don't think you would in a wider

119

00:04:51,510 --> 00:04:49,520

sense as this myth seems to rely

120

00:04:53,430 --> 00:04:51,520

on more dramatic occurrences that come

121

00:04:56,629 --> 00:04:53,440

to the notice of many people

122

00:04:58,390 --> 00:04:56,639

not just you so one day a bad thing

123

00:05:00,469 --> 00:04:58,400

happens that comes to your attention and

124

00:05:02,629 --> 00:05:00,479

to the notice of many others

125

00:05:03,909 --> 00:05:02,639

maybe someone famous and much love dies

126

00:05:06,469 --> 00:05:03,919

unexpectedly

127

00:05:07,990 --> 00:05:06,479

not an everyday event but it does happen

128

00:05:10,950 --> 00:05:08,000

from time to time

129

00:05:11,830 --> 00:05:10,960

you note it and you might be saddened or

130

00:05:14,870 --> 00:05:11,840

maybe not

131

00:05:16,790 --> 00:05:14,880

but you do acknowledge it then not long

132

00:05:19,110 --> 00:05:16,800

after maybe within a week

133

00:05:20,550 --> 00:05:19,120

someone else famous and much love also

134

00:05:23,270 --> 00:05:20,560

dies

135

00:05:23,990 --> 00:05:23,280

you and depending on who it is thousands

136

00:05:26,150 --> 00:05:24,000

or millions

137

00:05:27,350 --> 00:05:26,160

of people hear about it the first death

138

00:05:30,790 --> 00:05:27,360

a few days ago

139

00:05:32,550 --> 00:05:30,800

might even cross your mind but some

140

00:05:34,150 --> 00:05:32,560

people at this point will start waiting

141

00:05:35,670 --> 00:05:34,160

and looking for the next bad event to

142

00:05:38,310 --> 00:05:35,680

happen who is next

143

00:05:39,670 --> 00:05:38,320

they might say they already think bad

144

00:05:42,790 --> 00:05:39,680

things happen in threes

145

00:05:45,830 --> 00:05:42,800

so they are primed for the next possible

146

00:05:47,670 --> 00:05:45,840

event say within a week or a bit longer

147

00:05:48,550 --> 00:05:47,680

the death of another famous person hits

148

00:05:50,230 --> 00:05:48,560

the news

149

00:05:52,070 --> 00:05:50,240

some interesting things now start to

150

00:05:53,990 --> 00:05:52,080

happen you may well hear

151
00:05:56,870 --> 00:05:54,000
in the media or in conversations with

152
00:05:59,270 --> 00:05:56,880
friends that bad things happen in threes

153
00:06:00,870 --> 00:05:59,280
and as three bad things just happened it

154
00:06:04,550 --> 00:06:00,880
seems that this is true

155
00:06:06,390 --> 00:06:04,560
it's a validation of the saying

156
00:06:08,469 --> 00:06:06,400
one bad thing happening on its own is

157
00:06:09,670 --> 00:06:08,479
not significant as bad things happen

158
00:06:11,990 --> 00:06:09,680
regularly

159
00:06:13,029 --> 00:06:12,000
two bad things happening close in time

160
00:06:15,430 --> 00:06:13,039
to each other

161
00:06:16,710 --> 00:06:15,440
might get your attention but three bad

162
00:06:20,390 --> 00:06:16,720
things is something

163
00:06:22,150 --> 00:06:20,400

more significant what is so special

164

00:06:25,830 --> 00:06:22,160

about the number three

165

00:06:29,270 --> 00:06:25,840

one two three abc win lose draw

166

00:06:31,430 --> 00:06:29,280

grandma mother daughter tic-tac-toe

167

00:06:33,189 --> 00:06:31,440

the three little pigs of fable and the

168

00:06:35,110 --> 00:06:33,199

list goes on

169

00:06:36,230 --> 00:06:35,120

three is a simple number associated with

170

00:06:37,830 --> 00:06:36,240

many things

171

00:06:40,550 --> 00:06:37,840

it's one of the first numbers we learned

172

00:06:43,590 --> 00:06:40,560

as children and comes up repeatedly

173

00:06:45,909 --> 00:06:43,600

what's not to like about three

174

00:06:47,670 --> 00:06:45,919

in our example we use the news of the

175

00:06:48,230 --> 00:06:47,680

death of famous people happening three

176
00:06:51,110 --> 00:06:48,240
times

177
00:06:53,029 --> 00:06:51,120
within a relatively short period but of

178
00:06:55,189 --> 00:06:53,039
course this myth thrives on the fact

179
00:06:57,350 --> 00:06:55,199
that there is a wide definition of bad

180
00:07:00,550 --> 00:06:57,360
things and bad news

181
00:07:02,230 --> 00:07:00,560
so let's swap out the first or second or

182
00:07:04,870 --> 00:07:02,240
even third celebrity death

183
00:07:05,990 --> 00:07:04,880
and replace it with say a train accident

184
00:07:09,430 --> 00:07:06,000
an explosion

185
00:07:11,110 --> 00:07:09,440
a natural disaster anything someone is

186
00:07:12,870 --> 00:07:11,120
bound to link the three events together

187
00:07:14,870 --> 00:07:12,880
and the myth is repeated

188
00:07:16,230 --> 00:07:14,880

we might have an earthquake one week a

189

00:07:19,189 --> 00:07:16,240

famous death the next

190

00:07:19,909 --> 00:07:19,199

then you name it the week after why then

191

00:07:22,390 --> 00:07:19,919

is there no

192

00:07:24,230 --> 00:07:22,400

saying along the lines of bad things

193

00:07:25,830 --> 00:07:24,240

happen in fours or even bad things

194

00:07:27,749 --> 00:07:25,840

happen in fives

195

00:07:30,390 --> 00:07:27,759

for this myth three seems to be the

196

00:07:32,309 --> 00:07:30,400

magic number and it is time dependent we

197

00:07:34,070 --> 00:07:32,319

don't stretch it out over months or

198

00:07:35,749 --> 00:07:34,080

years

199

00:07:37,909 --> 00:07:35,759

when you think about it the likelihood

200

00:07:39,990 --> 00:07:37,919

of one bad thing happening is obvious

201
00:07:40,950 --> 00:07:40,000
as we have noted bad things happen all

202
00:07:43,510 --> 00:07:40,960
the time

203
00:07:45,110 --> 00:07:43,520
depending on what we collectively decide

204
00:07:47,029 --> 00:07:45,120
is a bad thing

205
00:07:48,629 --> 00:07:47,039
the likelihood of two bad things

206
00:07:50,790 --> 00:07:48,639
happening close together

207
00:07:53,189 --> 00:07:50,800
is a little less but not out of the

208
00:07:55,990 --> 00:07:53,199
question and we might not think anything

209
00:07:57,670 --> 00:07:56,000
of it then we come to three in a row and

210
00:07:59,189 --> 00:07:57,680
the likelihood of this happening is far

211
00:08:02,390 --> 00:07:59,199
less than just two

212
00:08:03,990 --> 00:08:02,400
so what about four or five bad things

213
00:08:06,390 --> 00:08:04,000

far less of a chance of hearing about

214

00:08:08,309 --> 00:08:06,400

bad things happening in these numbers

215

00:08:09,510 --> 00:08:08,319

it does happen to be sure but it's

216

00:08:12,950 --> 00:08:09,520

uncommon

217

00:08:15,110 --> 00:08:12,960

found a need

218

00:08:17,029 --> 00:08:15,120

to weave a saying around it or looked

219

00:08:20,390 --> 00:08:17,039

for as some people do

220

00:08:22,230 --> 00:08:20,400

some sort of mystical meaning

221

00:08:24,230 --> 00:08:22,240

so many little rabbit holes now come

222

00:08:26,390 --> 00:08:24,240

into play with this myth in general

223

00:08:27,510 --> 00:08:26,400

what if you for whatever reason didn't

224

00:08:30,309 --> 00:08:27,520

hear about the first

225

00:08:30,710 --> 00:08:30,319

bad event in the series of three what if

226

00:08:32,790 --> 00:08:30,720

then

227

00:08:35,029 --> 00:08:32,800

there are four bad events but you count

228

00:08:35,990 --> 00:08:35,039

number four as only number three in the

229

00:08:38,310 --> 00:08:36,000

series

230

00:08:40,469 --> 00:08:38,320

can it be said that for you the bad

231

00:08:43,029 --> 00:08:40,479

events still happened in threes

232

00:08:45,269 --> 00:08:43,039

what if four bad things happened but you

233

00:08:46,790 --> 00:08:45,279

sort of reset the counter after number

234

00:08:49,829 --> 00:08:46,800

three so that number four

235

00:08:51,509 --> 00:08:49,839

is now only number one in a new series

236

00:08:53,590 --> 00:08:51,519

there are endless thought experiments

237

00:08:55,990 --> 00:08:53,600

and ways of looking at this myth

238

00:08:58,070 --> 00:08:56,000

now remember how at the start i said

239

00:09:01,269 --> 00:08:58,080

that we humans are pattern seeking

240

00:09:03,030 --> 00:09:01,279

storytelling animals this is called as

241

00:09:05,269 --> 00:09:03,040

far as pattern seeking goes

242

00:09:07,350 --> 00:09:05,279

apophenia the tendency to perceive

243

00:09:08,230 --> 00:09:07,360

meaningful connections between unrelated

244

00:09:09,910 --> 00:09:08,240

things

245

00:09:11,990 --> 00:09:09,920

it was first described by german

246

00:09:12,630 --> 00:09:12,000

psychologist and neuroscientist klaus

247

00:09:15,670 --> 00:09:12,640

conrad

248

00:09:16,790 --> 00:09:15,680

in 1958 so with bad things happening in

249

00:09:19,030 --> 00:09:16,800

threes we have a

250

00:09:20,949 --> 00:09:19,040

perceived pattern and an easy one for

251

00:09:23,030 --> 00:09:20,959

our brains to recognize

252

00:09:26,230 --> 00:09:23,040

then comes the story reinforced by the

253

00:09:28,470 --> 00:09:26,240

saying bad things happen in threes

254

00:09:31,030 --> 00:09:28,480

for some maybe many the story involves

255

00:09:33,030 --> 00:09:31,040

magical or superstitious thinking

256

00:09:35,509 --> 00:09:33,040

these three events must somehow be

257

00:09:38,230 --> 00:09:35,519

linked by some sort of force or maybe

258

00:09:41,590 --> 00:09:38,240

even a god or the idea of karma

259

00:09:42,310 --> 00:09:41,600

or something how can they just happen

260

00:09:44,630 --> 00:09:42,320

like this

261

00:09:46,310 --> 00:09:44,640

part of us needs to find a reason as

262

00:09:47,670 --> 00:09:46,320

dealing with the random nature of

263

00:09:50,949 --> 00:09:47,680

significant events

264

00:09:53,110 --> 00:09:50,959

somehow does not sit well with us

265

00:09:55,030 --> 00:09:53,120

pattern seeking and storytelling using

266

00:09:56,710 --> 00:09:55,040

imagination have served us well for

267

00:09:59,030 --> 00:09:56,720

countless millennia

268

00:10:01,030 --> 00:09:59,040

these aspects of our brain helped our

269

00:10:03,269 --> 00:10:01,040

ancient ancestors to survive

270

00:10:04,150 --> 00:10:03,279

and are part of what makes us human we

271

00:10:07,030 --> 00:10:04,160

should acknowledge

272

00:10:07,750 --> 00:10:07,040

and value them but just be aware that

273

00:10:11,670 --> 00:10:07,760

sometimes

274

00:10:13,750 --> 00:10:11,680

they can sidetrack us from reality

275

00:10:15,670 --> 00:10:13,760

ever wonder why we never hear that good

276

00:10:17,990 --> 00:10:15,680

things happen in threes

277

00:10:19,829 --> 00:10:18,000

it's possibly due to bad news and bad

278

00:10:22,949 --> 00:10:19,839

events being more important to us

279

00:10:23,670 --> 00:10:22,959

in kind of a way the realization of

280

00:10:25,509 --> 00:10:23,680

danger

281

00:10:28,790 --> 00:10:25,519

was very important to our ancient

282

00:10:30,790 --> 00:10:28,800

ancestors it was vital to their survival

283

00:10:32,470 --> 00:10:30,800

also we have the more modern sayings a

284

00:10:35,990 --> 00:10:32,480

bad news travels fast

285

00:10:37,750 --> 00:10:36,000

or bad news sells newspapers we remember

286

00:10:41,070 --> 00:10:37,760

bad things as they tend to

287

00:10:44,630 --> 00:10:41,080

make a bigger impact on us

288

00:10:47,750 --> 00:10:44,640

[Music]

289

00:10:48,630 --> 00:10:47,760

yes bad things can and do happen in

290

00:10:51,750 --> 00:10:48,640

threes

291

00:10:53,030 --> 00:10:51,760

but it is us with our brains full of

292

00:11:07,990 --> 00:10:53,040

imagination

293

00:11:11,829 --> 00:11:10,230

hello this is maynard did you know that

294

00:11:12,470 --> 00:11:11,839

you could listen to the skeptic zone on

295

00:11:19,910 --> 00:11:12,480

youtube

296

00:11:23,829 --> 00:11:22,470

also you can hear 40 logical fallacies

297

00:11:25,670 --> 00:11:23,839

with michelle biggesmar

298

00:11:29,430 --> 00:11:25,680

and funny sketches with richard saunders

299

00:11:31,190 --> 00:11:29,440

and a host of other skeptics

300

00:11:42,010 --> 00:11:31,200

just click on the youtube links on the

301
00:11:50,310 --> 00:11:42,020
home page at skepticzone.tv

302
00:11:53,430 --> 00:11:51,750
now here's a news item that caught my

303
00:11:56,710 --> 00:11:53,440
attention during the week

304
00:12:00,230 --> 00:11:56,720
published at news.com today you by sarah

305
00:12:03,590 --> 00:12:00,240
sharples on february the 28th

306
00:12:06,949 --> 00:12:03,600
covert 19 vaccine roll out anti-vaxxer

307
00:12:09,990 --> 00:12:06,959
disruption concerns as police make

308
00:12:12,069 --> 00:12:10,000
watch list police

309
00:12:13,190 --> 00:12:12,079
are making a list of anti-vaccination

310
00:12:15,670 --> 00:12:13,200
protesters

311
00:12:17,590 --> 00:12:15,680
after concerns that they could target

312
00:12:21,269 --> 00:12:17,600
storage facilities

313
00:12:23,350 --> 00:12:21,279

and destroy vaccines a specialist

314

00:12:24,389 --> 00:12:23,360

team of detectives from the Australian

315

00:12:26,790 --> 00:12:24,399

federal police

316

00:12:28,629 --> 00:12:26,800

is compiling a list of anti-vaccination

317

00:12:30,629 --> 00:12:28,639

protesters after concerns that

318

00:12:33,750 --> 00:12:30,639

vaccination centers and storage

319

00:12:35,750 --> 00:12:33,760

facilities could be targeted as a result

320

00:12:39,269 --> 00:12:35,760

vaccine storage locations are being kept

321

00:12:42,150 --> 00:12:39,279

a secret due to security concerns

322

00:12:43,990 --> 00:12:42,160

quote everybody is concerned about this

323

00:12:47,269 --> 00:12:44,000

we don't want them destroying

324

00:12:48,629 --> 00:12:47,279

virals of vaccine a law enforcement

325

00:12:51,590 --> 00:12:48,639

source told the Herald

326

00:12:53,509 --> 00:12:51,600

sun they will also be ready to attend

327

00:12:56,870 --> 00:12:53,519

any major security breach

328

00:12:59,190 --> 00:12:56,880

involving the vaccine there are serious

329

00:13:02,389 --> 00:12:59,200

fears from senior government figures

330

00:13:04,389 --> 00:13:02,399

and law enforcement that protesters

331

00:13:07,110 --> 00:13:04,399

could disrupt the roll out of the

332

00:13:09,750 --> 00:13:07,120

vaccine as the government aims to have

333

00:13:11,509 --> 00:13:09,760

every australian vaccinated by october

334

00:13:14,550 --> 00:13:11,519

reported in the herald sun

335

00:13:16,550 --> 00:13:14,560

a joint intelligent group made of

336

00:13:17,590 --> 00:13:16,560

members of the afp that's australian

337

00:13:19,670 --> 00:13:17,600

federal police

338

00:13:21,990 --> 00:13:19,680

australian security intelligence

339

00:13:23,590 --> 00:13:22,000

information australian border force and

340

00:13:25,990 --> 00:13:23,600

state police forces

341

00:13:27,509 --> 00:13:26,000

has also been set up by the department

342

00:13:30,790 --> 00:13:27,519

of home affairs

343

00:13:33,990 --> 00:13:30,800

it will be staffed around the clock

344

00:13:36,710 --> 00:13:34,000

and act as a central hub for information

345

00:13:38,150 --> 00:13:36,720

on the anti-vaccination movement and

346

00:13:40,550 --> 00:13:38,160

vaccine security

347

00:13:41,350 --> 00:13:40,560

the afp warned there is an increasing

348

00:13:43,750 --> 00:13:41,360

risk

349

00:13:44,550 --> 00:13:43,760

of violence from the anti-vaccination

350

00:13:46,389 --> 00:13:44,560

movement

351

00:13:48,710 --> 00:13:46,399

in a submission last week to a

352

00:13:51,750 --> 00:13:48,720

government inquiry into extremist

353

00:13:54,710 --> 00:13:51,760

movements and radicalism

354

00:13:56,629 --> 00:13:54,720

in australia quote law enforcement

355

00:13:59,750 --> 00:13:56,639

experiences in 2020

356

00:14:02,629 --> 00:13:59,760

identified an emerging trend

357

00:14:04,230 --> 00:14:02,639

of online extremists exploiting the

358

00:14:07,030 --> 00:14:04,240

increased public fear

359

00:14:08,710 --> 00:14:07,040

isolation unemployment family stress and

360

00:14:11,430 --> 00:14:08,720

financial hardship

361

00:14:11,829 --> 00:14:11,440

associated with the covert 19 pandemic

362

00:14:15,269 --> 00:14:11,839

and

363

00:14:16,310 --> 00:14:15,279

quote it said about 200 people attended

364

00:14:17,990 --> 00:14:16,320

a rally

365

00:14:19,910 --> 00:14:18,000

on saturday that would be the previous

366

00:14:21,590 --> 00:14:19,920

saturday against the rollout of the

367

00:14:23,829 --> 00:14:21,600

covert 19 vaccine

368

00:14:25,120 --> 00:14:23,839

at federal health minister greg hunt's

369

00:14:27,350 --> 00:14:25,130

office in victoria

370

00:14:30,470 --> 00:14:27,360

[Music]

371

00:14:32,949 --> 00:14:30,480

now while i don't think there will be

372

00:14:34,949 --> 00:14:32,959

anything like attacks on vaccine centers

373

00:14:37,110 --> 00:14:34,959

and things like that

374

00:14:38,150 --> 00:14:37,120

uh we can't rule that out because these

375

00:14:41,670 --> 00:14:38,160

people

376

00:14:44,870 --> 00:14:41,680

are uh zealots extremists

377

00:14:46,710 --> 00:14:44,880

and they're on a crusade and once a

378

00:14:47,670 --> 00:14:46,720

group of people consider themselves to

379

00:14:51,350 --> 00:14:47,680

be on a

380

00:14:54,230 --> 00:14:51,360

crusade well every precaution

381

00:14:56,310 --> 00:14:54,240

should be taken again that comes to us

382

00:15:00,200 --> 00:14:56,320

from news.com today you

383

00:15:24,629 --> 00:15:09,269

[Music]

384

00:15:28,069 --> 00:15:26,310

hey everyone this is professor dave i

385

00:15:29,749 --> 00:15:28,079

want to teach you about all kinds of

386

00:15:30,310 --> 00:15:29,759

things regarding science i want to tell

387

00:15:34,949 --> 00:15:30,320

you about

388

00:15:37,509 --> 00:15:34,959

chemistry biology astronomy

389

00:15:39,350 --> 00:15:37,519

math and many many more things come

390

00:15:41,509 --> 00:15:39,360

check me out on youtube the channel is

391

00:15:54,790 --> 00:15:41,519

called professor dave explains

392

00:15:58,250 --> 00:15:54,800

take it easy

393

00:16:00,949 --> 00:15:58,260

and now a reading from the book of tim

394

00:16:10,710 --> 00:16:00,959

[Music]

395

00:16:14,949 --> 00:16:12,790

hi my name is tim menden i'm the

396

00:16:17,990 --> 00:16:14,959

executive officer of australian skeptics

397

00:16:20,829 --> 00:16:18,000

and editor of our magazine the skeptic

398

00:16:23,030 --> 00:16:20,839

which you can download off our website

399

00:16:24,389 --> 00:16:23,040

skeptics.com

400

00:16:26,230 --> 00:16:24,399

today i'm reading from the what goes

401
00:16:28,069 --> 00:16:26,240
around column which is the idea that you

402
00:16:29,670 --> 00:16:28,079
start off with one particular fact and

403
00:16:31,269 --> 00:16:29,680
you can work your way all the way

404
00:16:33,749 --> 00:16:31,279
around through various connections and

405
00:16:36,310 --> 00:16:33,759
end up where you started from

406
00:16:37,350 --> 00:16:36,320
this one we're looking at planets days

407
00:16:39,910 --> 00:16:37,360
dates

408
00:16:43,910 --> 00:16:39,920
and deaths and it comes from the skeptic

409
00:16:50,070 --> 00:16:43,920
magazine march 2016 which is volume 36

410
00:16:52,389 --> 00:16:50,080
number one

411
00:16:55,590 --> 00:16:52,399
[Music]

412
00:16:58,550 --> 00:16:55,600
on the 20th of january 2016 researchers

413
00:16:59,910 --> 00:16:58,560

constantine bakken and michael e brown

414

00:17:01,829 --> 00:16:59,920

at caltech

415

00:17:04,150 --> 00:17:01,839

which is california technology announced

416

00:17:06,150 --> 00:17:04,160

calculation-based evidence of a massive

417

00:17:07,590 --> 00:17:06,160

ninth planet in the solar system now

418

00:17:08,309 --> 00:17:07,600

don't forget that pluto stopped being a

419

00:17:11,270 --> 00:17:08,319

planet so

420

00:17:13,110 --> 00:17:11,280

there was a vacancy the predicted planet

421

00:17:14,470 --> 00:17:13,120

would have an estimated mass of about 10

422

00:17:17,029 --> 00:17:14,480

times that of earth

423

00:17:17,669 --> 00:17:17,039

a highly elliptical orbit and could take

424

00:17:20,470 --> 00:17:17,679

fifteen

425

00:17:22,949 --> 00:17:20,480

thousand years to orbit the sun the

426

00:17:24,949 --> 00:17:22,959

existence of the so-called planet nine

427

00:17:27,110 --> 00:17:24,959

is still hypothetical but its presence

428

00:17:28,150 --> 00:17:27,120

would explain the unusual orbital

429

00:17:30,870 --> 00:17:28,160

configuration

430

00:17:32,230 --> 00:17:30,880

of a group of trans-neptunian objects

431

00:17:34,789 --> 00:17:32,240

that orbit mostly

432

00:17:35,750 --> 00:17:34,799

beyond the cuipa belt which is way out

433

00:17:38,230 --> 00:17:35,760

there

434

00:17:39,430 --> 00:17:38,240

in their paper barrigin and brown simply

435

00:17:43,190 --> 00:17:39,440

referred to the object

436

00:17:45,110 --> 00:17:43,200

as perturber and only in later press

437

00:17:47,750 --> 00:17:45,120

releases did they use the nickname

438

00:17:48,310 --> 00:17:47,760

planet nine it will not be officially

439

00:17:50,470 --> 00:17:48,320
named

440

00:17:52,470 --> 00:17:50,480
until its existence has been confirmed

441

00:17:54,150 --> 00:17:52,480
with images

442

00:17:56,630 --> 00:17:54,160
planet nine is not the only planet with

443

00:17:59,110 --> 00:17:56,640
naming issues when hanover born

444

00:18:00,070 --> 00:17:59,120
william herschel along with his sister

445

00:18:01,830 --> 00:18:00,080
caroline

446

00:18:03,430 --> 00:18:01,840
moved to england and started their

447

00:18:05,830 --> 00:18:03,440
astronomical studies

448

00:18:07,029 --> 00:18:05,840
he came under the patronage of a fellow

449

00:18:09,270 --> 00:18:07,039
hanoverian

450

00:18:10,870 --> 00:18:09,280
the elector who happened to also be king

451
00:18:13,510 --> 00:18:10,880
george iii of britain

452
00:18:14,310 --> 00:18:13,520
in 1781 when herschel discovered a new

453
00:18:16,950 --> 00:18:14,320
planet

454
00:18:18,070 --> 00:18:16,960
beyond the orbit of saturn his first

455
00:18:21,590 --> 00:18:18,080
thought was to name it

456
00:18:25,270 --> 00:18:21,600
georgium cetus which means george's star

457
00:18:26,310 --> 00:18:25,280
after his patron understandably this was

458
00:18:28,230 --> 00:18:26,320
not supported by

459
00:18:29,830 --> 00:18:28,240
various foreign astronomers and

460
00:18:32,390 --> 00:18:29,840
presumably by citizens

461
00:18:34,230 --> 00:18:32,400
of the newly independent usa who were

462
00:18:36,150 --> 00:18:34,240
not all that fond of george iii

463
00:18:37,430 --> 00:18:36,160

and it was almost 70 years before the

464

00:18:40,549 --> 00:18:37,440

name uranus

465

00:18:42,230 --> 00:18:40,559

was proposed name of the planet that you

466

00:18:44,789 --> 00:18:42,240

have trouble pronouncing

467

00:18:47,029 --> 00:18:44,799

any which way you can but never mind

468

00:18:48,870 --> 00:18:47,039

we'll call it uranus

469

00:18:50,390 --> 00:18:48,880

william herschel's son sir john

470

00:18:50,789 --> 00:18:50,400

frederick william herschel who's the

471

00:18:53,110 --> 00:18:50,799

first

472

00:18:54,630 --> 00:18:53,120

baronet was an english polymath

473

00:18:56,710 --> 00:18:54,640

mathematician astronomer

474

00:18:57,750 --> 00:18:56,720

chemist inventor and experimental

475

00:19:00,789 --> 00:18:57,760

photographer

476

00:19:03,110 --> 00:19:00,799

who also did valuable botanical work

477

00:19:05,190 --> 00:19:03,120

what you call a renaissance man he named

478

00:19:06,230 --> 00:19:05,200

seven moons of saturn and four moons of

479

00:19:07,830 --> 00:19:06,240

uranus

480

00:19:09,270 --> 00:19:07,840

he made many contributions to the

481

00:19:11,430 --> 00:19:09,280

science of photography

482

00:19:14,070 --> 00:19:11,440

and investigated color blindness and the

483

00:19:17,110 --> 00:19:14,080

chemical power of ultraviolet rays

484

00:19:19,190 --> 00:19:17,120

his preliminary discourse in 1831 which

485

00:19:20,630 --> 00:19:19,200

advocated an inductive approach to

486

00:19:22,870 --> 00:19:20,640

scientific experiment

487

00:19:24,470 --> 00:19:22,880

and theory building was an important

488

00:19:25,590 --> 00:19:24,480

contribution to the philosophy of

489

00:19:28,070 --> 00:19:25,600

science

490

00:19:31,270 --> 00:19:28,080

and he originated the use of the julian

491

00:19:33,350 --> 00:19:31,280

day system in astronomy

492

00:19:35,350 --> 00:19:33,360

the julian day is the continuous count

493

00:19:36,710 --> 00:19:35,360

of days since the beginning of the

494

00:19:39,669 --> 00:19:36,720

julian period

495

00:19:40,390 --> 00:19:39,679

used primarily by astronomers outside of

496

00:19:42,710 --> 00:19:40,400

astronomy

497

00:19:45,270 --> 00:19:42,720

the term julian date may also refer to

498

00:19:46,310 --> 00:19:45,280

the date hyphen of hyphen year day of

499

00:19:48,789 --> 00:19:46,320

year number

500

00:19:50,390 --> 00:19:48,799

more properly the ordinal date in the

501
00:19:52,630 --> 00:19:50,400
gregorian calendar

502
00:19:54,710 --> 00:19:52,640
the most widely used civil calendar it

503
00:19:58,549 --> 00:19:54,720
was named for pope gregory

504
00:20:00,390 --> 00:19:58,559
the 13th who introduced it in 1582.

505
00:20:01,909 --> 00:20:00,400
this was a refinement of the earlier

506
00:20:04,070 --> 00:20:01,919
julian calendar

507
00:20:05,669 --> 00:20:04,080
which due to inadequate calculations of

508
00:20:07,750 --> 00:20:05,679
the length of the year

509
00:20:09,270 --> 00:20:07,760
was falling out of sync with reality now

510
00:20:11,590 --> 00:20:09,280
that was named after julius caesar so

511
00:20:13,270 --> 00:20:11,600
you can see it was a long long time ago

512
00:20:14,870 --> 00:20:13,280
the motivation for the change was to

513
00:20:15,750 --> 00:20:14,880

bring the date for the celebration of

514

00:20:18,070 --> 00:20:15,760

easter

515

00:20:19,990 --> 00:20:18,080

to the time of year in which it was

516

00:20:21,510 --> 00:20:20,000

celebrated when it was introduced by the

517

00:20:23,350 --> 00:20:21,520

early church

518

00:20:25,110 --> 00:20:23,360

when the new growing calendar was put in

519

00:20:28,230 --> 00:20:25,120

use the difference was corrected

520

00:20:29,510 --> 00:20:28,240

by the deletion of ten days they

521

00:20:31,350 --> 00:20:29,520

actually disappeared

522

00:20:33,510 --> 00:20:31,360

the julian calendar day thursday the

523

00:20:35,110 --> 00:20:33,520

fourth of october 1582

524

00:20:37,110 --> 00:20:35,120

was followed by the first day of the

525

00:20:40,470 --> 00:20:37,120

gregorian calendar friday

526

00:20:41,750 --> 00:20:40,480

the 15th of october 1582

527

00:20:43,270 --> 00:20:41,760

which would be bad if you happen to be

528

00:20:44,870 --> 00:20:43,280

born in between those days because you

529

00:20:46,710 --> 00:20:44,880

didn't have a birthday

530

00:20:48,230 --> 00:20:46,720

the reform was adopted initially by the

531

00:20:50,070 --> 00:20:48,240

catholic countries of europe

532

00:20:51,990 --> 00:20:50,080

but many protestant countries fear the

533

00:20:54,710 --> 00:20:52,000

new calendar was part of a plot

534

00:20:56,549 --> 00:20:54,720

to return them to the catholic fault

535

00:20:58,070 --> 00:20:56,559

britain and the british empire including

536

00:20:59,270 --> 00:20:58,080

the eastern part of what is now the

537

00:21:02,230 --> 00:20:59,280

united states

538

00:21:04,149 --> 00:21:02,240

adopted the gregorian calendar in 1752

539

00:21:07,350 --> 00:21:04,159

that's almost 200 years later

540

00:21:09,430 --> 00:21:07,360

and they were followed by sweden in 1753

541

00:21:10,789 --> 00:21:09,440

the last european country to adopt the

542

00:21:13,830 --> 00:21:10,799

reform was greece

543

00:21:15,590 --> 00:21:13,840

in 1923.

544

00:21:18,149 --> 00:21:15,600

despite the artificial nature of any

545

00:21:21,110 --> 00:21:18,159

calendar dating systems have led to

546

00:21:23,590 --> 00:21:21,120

fears of conspiracy and disaster

547

00:21:25,750 --> 00:21:23,600

the phantom time hypothesis is a

548

00:21:27,270 --> 00:21:25,760

conspiracy theory advanced by german

549

00:21:30,390 --> 00:21:27,280

historian and publisher

550

00:21:32,630 --> 00:21:30,400

herbert elig was born in 1947

551
00:21:34,789 --> 00:21:32,640
which proposes that the anno domini

552
00:21:36,950 --> 00:21:34,799
dating system was fabricated

553
00:21:38,470 --> 00:21:36,960
adding in the period of phantom time in

554
00:21:41,909 --> 00:21:38,480
the early middle ages

555
00:21:43,510 --> 00:21:41,919
from a.d 614 to 911

556
00:21:45,110 --> 00:21:43,520
which either occurred in a different

557
00:21:48,470 --> 00:21:45,120
period or did not occur

558
00:21:51,909 --> 00:21:48,480
at all another dodgy issue for dates is

559
00:21:54,950 --> 00:21:51,919
the end of the world on december 21 2012

560
00:21:56,950 --> 00:21:54,960
as calculated in the mayan calendar one

561
00:21:59,430 --> 00:21:56,960
suggested scenario for the end

562
00:21:59,990 --> 00:21:59,440
was a planet colliding with earth the

563
00:22:02,870 --> 00:22:00,000

planet

564

00:22:04,870 --> 00:22:02,880
called nibiru is the supposed but

565

00:22:08,190 --> 00:22:04,880
debunked planet x

566

00:22:10,470 --> 00:22:08,200
however with the dimension of pluto in

567

00:22:13,190 --> 00:22:10,480
2016

568

00:22:14,789 --> 00:22:13,200
this world should now be called planet

569

00:22:15,990 --> 00:22:14,799
nine

570

00:22:18,470 --> 00:22:16,000
and that's the name of the planet they

571

00:22:19,620 --> 00:22:18,480
discovered in 2016

572

00:22:23,990 --> 00:22:19,630
supposedly

573

00:22:29,029 --> 00:22:25,830
and that's the what goes around column

574

00:22:31,350 --> 00:22:29,039
from the skeptic march 2016

575

00:22:33,549 --> 00:22:31,360
volume 36 number one which you can

576
00:22:34,950 --> 00:22:33,559
download from the skeptics website

577
00:22:37,430 --> 00:22:34,960
skeptics.com.u

578
00:22:39,190 --> 00:22:37,440
for free then again you might like to

579
00:22:41,110 --> 00:22:39,200
subscribe to the magazine

580
00:22:56,230 --> 00:22:41,120
and get all this great information

581
00:22:59,830 --> 00:22:58,870
hi this is dr pamela gay from astronomy

582
00:23:01,909 --> 00:22:59,840
cast

583
00:23:03,669 --> 00:23:01,919
each week fraser kane and i take our

584
00:23:05,190 --> 00:23:03,679
listeners on a fact-based journey

585
00:23:07,590 --> 00:23:05,200
through the cosmos

586
00:23:08,789 --> 00:23:07,600
with our weekly podcast we explain not

587
00:23:11,430 --> 00:23:08,799
just what we know

588
00:23:13,350 --> 00:23:11,440

but how we know what we know about this

589

00:23:15,990 --> 00:23:13,360

universe that we share

590

00:23:18,230 --> 00:23:16,000

check us out at astronomycast.com and

591

00:23:21,110 --> 00:23:18,240

look for us in itunes google play

592

00:23:22,490 --> 00:23:21,120

and wherever you download podcasts see

593

00:23:40,549 --> 00:23:22,500

online

594

00:23:43,669 --> 00:23:40,559

[Music]

595

00:23:46,950 --> 00:23:43,679

and now after all these weeks

596

00:23:48,390 --> 00:23:46,960

after something like 10 weeks it's time

597

00:23:51,190 --> 00:23:48,400

to wrap up our series

598

00:23:53,269 --> 00:23:51,200

into the unknown from the trove archives

599

00:23:54,870 --> 00:23:53,279

this has been an investigation conducted

600

00:23:58,710 --> 00:23:54,880

in 1949

601
00:24:01,430 --> 00:23:58,720
reported on in 1950 as you will recall

602
00:24:04,710 --> 00:24:01,440
the panel of experts way back then

603
00:24:06,470 --> 00:24:04,720
were investigating many so-called

604
00:24:08,470 --> 00:24:06,480
mystics and clairvoyance and

605
00:24:12,630 --> 00:24:08,480
spiritualists and so on

606
00:24:15,750 --> 00:24:12,640
the encounters reported in our series

607
00:24:19,029 --> 00:24:15,760
concerned people who claim to

608
00:24:25,269 --> 00:24:19,039
what we would call channel disembodied

609
00:24:28,390 --> 00:24:26,870
and over the last couple of weeks we've

610
00:24:29,510 --> 00:24:28,400
heard the summing up of some of the

611
00:24:31,750 --> 00:24:29,520
panel members

612
00:24:32,549 --> 00:24:31,760
this week we conclude with the summing

613
00:24:35,830 --> 00:24:32,559

up from

614

00:24:40,310 --> 00:24:35,840

canon knight and lag

615

00:24:45,029 --> 00:24:42,549

and it says at the top of the page here

616

00:24:48,789 --> 00:24:45,039

which happens to be page number

617

00:24:51,050 --> 00:24:48,799

five in the color supplement

618

00:24:52,310 --> 00:24:51,060

published on the 8th of october

619

00:24:55,430 --> 00:24:52,320

[Music]

620

00:24:58,830 --> 00:24:55,440

spiritualism a fact

621

00:25:00,930 --> 00:24:58,840

or fake experts tell of their

622

00:25:04,310 --> 00:25:00,940

investigation

623

00:25:06,950 --> 00:25:04,320

[Music]

624

00:25:10,510 --> 00:25:06,960

so let's pick it up now with canon

625

00:25:13,830 --> 00:25:11,830

[Music]

626

00:25:16,310 --> 00:25:13,840

there is a great deal more to be

627

00:25:19,830 --> 00:25:16,320

discovered about the mind and man

628

00:25:21,590 --> 00:25:19,840

and the way in which mind speaks to mind

629

00:25:23,750 --> 00:25:21,600

we are not entirely shut into the

630

00:25:26,630 --> 00:25:23,760

methods of the five senses

631

00:25:27,029 --> 00:25:26,640

there are people who can some accuracy

632

00:25:30,230 --> 00:25:27,039

with

633

00:25:32,630 --> 00:25:30,240

some error read the minds of others

634

00:25:33,590 --> 00:25:32,640

they know what is in some other person's

635

00:25:35,750 --> 00:25:33,600

mind

636

00:25:36,710 --> 00:25:35,760

when that other person has told them

637

00:25:39,269 --> 00:25:36,720

nothing

638

00:25:40,310 --> 00:25:39,279

they may be able to bridge distance and

639

00:25:43,350 --> 00:25:40,320

know of an

640

00:25:44,950 --> 00:25:43,360

event which has happened far away

641

00:25:47,510 --> 00:25:44,960

many long married people know the

642

00:25:50,230 --> 00:25:47,520

experience when one partner refers to

643

00:25:51,350 --> 00:25:50,240

a subject and the other says it's funny

644

00:25:54,549 --> 00:25:51,360

you should mention that

645

00:25:56,789 --> 00:25:54,559

i was just thinking about that too how

646

00:25:57,909 --> 00:25:56,799

often does one receive a letter from a

647

00:26:00,549 --> 00:25:57,919

distant friend

648

00:26:02,149 --> 00:26:00,559

which crosses one which has been just

649

00:26:04,470 --> 00:26:02,159

written to him

650

00:26:06,390 --> 00:26:04,480

each was thinking of the other and each

651
00:26:09,110 --> 00:26:06,400
was led to right

652
00:26:10,870 --> 00:26:09,120
finally what are we to say about the

653
00:26:13,510 --> 00:26:10,880
possibility that the dead are

654
00:26:15,110 --> 00:26:13,520
communicating with us the christian is

655
00:26:17,909 --> 00:26:15,120
fully convinced that he

656
00:26:19,350 --> 00:26:17,919
is surrounded with a great cloud of

657
00:26:22,710 --> 00:26:19,360
witnesses

658
00:26:24,149 --> 00:26:22,720
and that he and they are bound together

659
00:26:27,190 --> 00:26:24,159
by mutual love

660
00:26:28,870 --> 00:26:27,200
although sundered by death he believes

661
00:26:31,350 --> 00:26:28,880
that they are near him

662
00:26:32,789 --> 00:26:31,360
and with him and that they still love

663
00:26:36,310 --> 00:26:32,799

and help him

664

00:26:38,630 --> 00:26:36,320

only a weak faith could ask for more

665

00:26:40,149 --> 00:26:38,640

and i'll chime in here and say if i had

666

00:26:42,310 --> 00:26:40,159

that mythical time machine

667

00:26:43,669 --> 00:26:42,320

i could go back and have a word to canon

668

00:26:45,750 --> 00:26:43,679

knight about

669

00:26:47,350 --> 00:26:45,760

what brian dunning calls the law of very

670

00:26:49,269 --> 00:26:47,360

large numbers

671

00:26:50,950 --> 00:26:49,279

or remembering the hits and forgetting

672

00:26:53,669 --> 00:26:50,960

the misses or

673

00:26:56,230 --> 00:26:53,679

confirmation bias where he talks about

674

00:26:59,029 --> 00:26:56,240

things like uh

675

00:27:00,789 --> 00:26:59,039

how often do you mention something in

676

00:27:02,310 --> 00:27:00,799

your partner says i was just thinking

677

00:27:05,029 --> 00:27:02,320

about that too or letters

678

00:27:06,070 --> 00:27:05,039

it happened across the in those days

679

00:27:09,510 --> 00:27:06,080

hardly

680

00:27:10,870 --> 00:27:09,520

remarkable events and a more modern

681

00:27:13,269 --> 00:27:10,880

example

682

00:27:14,950 --> 00:27:13,279

uh we don't hear much about anymore is i

683

00:27:15,669 --> 00:27:14,960

was thinking about somebody in the phone

684

00:27:18,630 --> 00:27:15,679

rang and

685

00:27:20,950 --> 00:27:18,640

i picked it up and it was them let's

686

00:27:23,590 --> 00:27:20,960

read on and it seems to me

687

00:27:26,149 --> 00:27:23,600

it is those who are weak in their faith

688

00:27:28,470 --> 00:27:26,159

who turn to spiritualism as a cult

689

00:27:29,350 --> 00:27:28,480

and choose it rather than the christian

690

00:27:31,590 --> 00:27:29,360

religion

691

00:27:33,110 --> 00:27:31,600

it is difficult to state precisely what

692

00:27:35,269 --> 00:27:33,120

happens when people say

693

00:27:37,430 --> 00:27:35,279

that the dead are speaking to them

694

00:27:40,389 --> 00:27:37,440

through a sensitive

695

00:27:41,110 --> 00:27:40,399

in all recent sittings one felt that

696

00:27:43,750 --> 00:27:41,120

there was

697

00:27:45,909 --> 00:27:43,760

no fact stated by the medium which was

698

00:27:47,190 --> 00:27:45,919

not already in the mind of the person

699

00:27:50,070 --> 00:27:47,200

who was

700

00:27:52,710 --> 00:27:50,080

addressed and i'll break in once again

701
00:27:56,070 --> 00:27:52,720
now throughout these reports we've seen

702
00:28:00,389 --> 00:27:56,080
examples of the panel

703
00:28:01,909 --> 00:28:00,399
firmly convinced that telepathy is real

704
00:28:04,149 --> 00:28:01,919
and they're just sort of really

705
00:28:06,070 --> 00:28:04,159
questioning spiritualism

706
00:28:08,789 --> 00:28:06,080
which is bizarre so every time something

707
00:28:10,789 --> 00:28:08,799
comes up which they can't quite explain

708
00:28:12,630 --> 00:28:10,799
they will just write it off as oh he was

709
00:28:15,750 --> 00:28:12,640
reading my mind

710
00:28:17,750 --> 00:28:15,760
or something like that let's read on

711
00:28:18,789 --> 00:28:17,760
scientifically rigid tests were not

712
00:28:21,269 --> 00:28:18,799
employed

713
00:28:23,029 --> 00:28:21,279

so that if there was any artifice it was

714

00:28:25,269 --> 00:28:23,039

impossible to prove it

715

00:28:26,389 --> 00:28:25,279

it must be a terrific temptation to

716

00:28:29,269 --> 00:28:26,399

sensitives to

717

00:28:29,990 --> 00:28:29,279

produce some results and the amount of

718

00:28:32,710 --> 00:28:30,000

phishing

719

00:28:33,750 --> 00:28:32,720

for names and information which goes on

720

00:28:36,630 --> 00:28:33,760

means that the

721

00:28:37,750 --> 00:28:36,640

sensitive can have no access to

722

00:28:40,870 --> 00:28:37,760

supernormal

723

00:28:43,269 --> 00:28:40,880

information let me break in once again

724

00:28:44,710 --> 00:28:43,279

oh can knight you suspect something like

725

00:28:47,029 --> 00:28:44,720

cold reading

726

00:28:48,310 --> 00:28:47,039

where you say fishing for names and

727

00:28:51,269 --> 00:28:48,320

information

728

00:28:52,070 --> 00:28:51,279

although you didn't have a term for it

729

00:28:56,230 --> 00:28:52,080

hmm

730

00:28:58,789 --> 00:28:56,240

okay let's continue whenever sensitives

731

00:29:00,070 --> 00:28:58,799

ventured on theological or religious

732

00:29:02,950 --> 00:29:00,080

territory

733

00:29:04,789 --> 00:29:02,960

there was no sign at all that they had

734

00:29:08,230 --> 00:29:04,799

anything fresh to say

735

00:29:11,510 --> 00:29:08,240

and in most cases what they said was

736

00:29:12,070 --> 00:29:11,520

burial and feeble it was all centered on

737

00:29:14,549 --> 00:29:12,080

the comfort

738

00:29:15,990 --> 00:29:14,559

and happiness of man rather than on the

739

00:29:19,990 --> 00:29:16,000

obligation of

740

00:29:23,269 --> 00:29:20,000

man to his maker the whole level was

741

00:29:24,630 --> 00:29:23,279

far below the tone and challenge of the

742

00:29:27,110 --> 00:29:24,640

christian gospel

743

00:29:28,630 --> 00:29:27,120

for my own part i ended my course of

744

00:29:31,669 --> 00:29:28,640

contact with the mediums

745

00:29:32,310 --> 00:29:31,679

we saw with a less kindly view than i

746

00:29:35,350 --> 00:29:32,320

had

747

00:29:36,549 --> 00:29:35,360

when i began evidently it is rather like

748

00:29:38,710 --> 00:29:36,559

vaccination

749

00:29:39,590 --> 00:29:38,720

a little of it cures one of catching the

750

00:29:41,990 --> 00:29:39,600

whole thing

751
00:29:43,510 --> 00:29:42,000
i felt that the evidences of psychic

752
00:29:46,549 --> 00:29:43,520
facts were interesting

753
00:29:48,230 --> 00:29:46,559
and that there is much room for careful

754
00:29:51,110 --> 00:29:48,240
study of the phenomena

755
00:29:52,630 --> 00:29:51,120
insofar as they help us to know more of

756
00:29:55,269 --> 00:29:52,640
human personality

757
00:29:55,990 --> 00:29:55,279
and may help to bridge some gaps for

758
00:29:59,350 --> 00:29:56,000
example

759
00:30:01,990 --> 00:29:59,360
as between science and christianity

760
00:30:02,710 --> 00:30:02,000
but i do not find any evidence of

761
00:30:06,630 --> 00:30:02,720
contact

762
00:30:07,669 --> 00:30:06,640
with departed spirits i do not find that

763
00:30:10,149 --> 00:30:07,679

any

764

00:30:11,029 --> 00:30:10,159

so-called communications from the dead

765

00:30:14,389 --> 00:30:11,039

have in

766

00:30:17,190 --> 00:30:14,399

any way illuminated either my reason

767

00:30:18,870 --> 00:30:17,200

or my spirit the fact that the

768

00:30:21,190 --> 00:30:18,880

sensitives have to

769

00:30:22,870 --> 00:30:21,200

abdicate their own personality in order

770

00:30:25,990 --> 00:30:22,880

to become channels

771

00:30:27,190 --> 00:30:26,000

for these communications offends my

772

00:30:30,070 --> 00:30:27,200

sense of dignity

773

00:30:30,950 --> 00:30:30,080

of reason and the honor due to

774

00:30:32,230 --> 00:30:30,960

individual

775

00:30:35,430 --> 00:30:32,240

souls

776

00:30:37,350 --> 00:30:35,440

[Music]

777

00:30:39,430 --> 00:30:37,360

thank you canon knight for that

778

00:30:43,510 --> 00:30:39,440

interesting summing up

779

00:30:46,630 --> 00:30:43,520

and almost stumbling upon

780

00:30:49,430 --> 00:30:46,640

the truth however it was also

781

00:30:50,389 --> 00:30:49,440

seen through the perspective of his

782

00:30:53,750 --> 00:30:50,399

particular

783

00:30:55,909 --> 00:30:53,760

religious opinions

784

00:30:58,389 --> 00:30:55,919

and now finally we come to the summing

785

00:31:01,110 --> 00:30:58,399

up of l.a.g strong

786

00:31:02,149 --> 00:31:01,120

who is listed here as novelist essayist

787

00:31:04,549 --> 00:31:02,159

and journalist

788

00:31:06,389 --> 00:31:04,559

he is perhaps best known for his popular

789

00:31:08,470 --> 00:31:06,399

work in fiction and films

790

00:31:09,750 --> 00:31:08,480

strong is keenly interested in the

791

00:31:12,549 --> 00:31:09,760

spiritual

792

00:31:19,269 --> 00:31:12,559

and interest which frequently finds

793

00:31:22,230 --> 00:31:19,279

expression in his writings

794

00:31:23,110 --> 00:31:22,240

i believe that the dead can and do

795

00:31:25,590 --> 00:31:23,120

communicate

796

00:31:28,870 --> 00:31:25,600

with us my faith is based on what i

797

00:31:31,029 --> 00:31:28,880

honestly believe to be my own experience

798

00:31:32,630 --> 00:31:31,039

fortified immensely by the experience of

799

00:31:34,389 --> 00:31:32,640

people who might trust

800

00:31:36,789 --> 00:31:34,399

if certain things have not happened to

801
00:31:39,110 --> 00:31:36,799
me then there is nothing in the whole

802
00:31:41,750 --> 00:31:39,120
universe of which i can be sure

803
00:31:43,430 --> 00:31:41,760
but i cannot accept the hypothesis that

804
00:31:47,350 --> 00:31:43,440
all phenomena coming

805
00:31:51,350 --> 00:31:47,360
within the domain of psychic research

806
00:31:54,230 --> 00:31:51,360
are the work of discarnate spirits

807
00:31:55,590 --> 00:31:54,240
and that these phenomena therefore offer

808
00:31:58,149 --> 00:31:55,600
evidence of survival

809
00:32:00,149 --> 00:31:58,159
let me put the matter in the simplest

810
00:32:02,470 --> 00:32:00,159
most personal terms

811
00:32:03,830 --> 00:32:02,480
if i believe because of a personal

812
00:32:06,870 --> 00:32:03,840
experience

813
00:32:10,149 --> 00:32:06,880

that a dead friend has spoken to me

814

00:32:10,950 --> 00:32:10,159

i do not go about asserting that this is

815

00:32:13,750 --> 00:32:10,960

so

816

00:32:14,549 --> 00:32:13,760

much less do i assert on the basis of my

817

00:32:17,269 --> 00:32:14,559

experience

818

00:32:18,470 --> 00:32:17,279

the general proposition that the dead

819

00:32:22,230 --> 00:32:18,480

speak to us

820

00:32:25,350 --> 00:32:22,240

if you in perplexity distress or grief

821

00:32:26,950 --> 00:32:25,360

ask me man to man what i believe i may

822

00:32:29,669 --> 00:32:26,960

well decide to tell you

823

00:32:31,669 --> 00:32:29,679

but i cannot assert that what i believe

824

00:32:34,710 --> 00:32:31,679

to have happened to me

825

00:32:36,549 --> 00:32:34,720

is a scientific fact i cannot ask

826

00:32:38,389 --> 00:32:36,559

anyone to accept survival and

827

00:32:41,430 --> 00:32:38,399

communication as facts

828

00:32:43,110 --> 00:32:41,440

because i say they are i can merely say

829

00:32:46,710 --> 00:32:43,120

that i believe these things

830

00:32:50,389 --> 00:32:46,720

to be true and give my reasons

831

00:32:53,350 --> 00:32:50,399

but says the convinced spiritualist

832

00:32:54,870 --> 00:32:53,360

if you believe these things to be true

833

00:32:57,990 --> 00:32:54,880

why do you doubt

834

00:32:58,950 --> 00:32:58,000

our evidence of their truth why do you

835

00:33:01,430 --> 00:32:58,960

bother to

836

00:33:03,509 --> 00:33:01,440

scrutinize it why do you go out of your

837

00:33:05,590 --> 00:33:03,519

way to explain it by telepathy

838

00:33:08,789 --> 00:33:05,600

clairvoyance and so forth

839

00:33:11,430 --> 00:33:08,799

why do you fight against us to this

840

00:33:13,909 --> 00:33:11,440

i have several replies the first and

841

00:33:15,590 --> 00:33:13,919

most important is that no scrutiny can

842

00:33:18,870 --> 00:33:15,600

ever hurt the truth

843

00:33:20,230 --> 00:33:18,880

what is truth will stand no matter who

844

00:33:22,470 --> 00:33:20,240

investigates it

845

00:33:24,630 --> 00:33:22,480

the second is that by offering as

846

00:33:25,750 --> 00:33:24,640

evidence of survival a whole host of

847

00:33:28,470 --> 00:33:25,760

happenings that are

848

00:33:29,430 --> 00:33:28,480

vulnerable to scrutiny and can be

849

00:33:32,710 --> 00:33:29,440

explained

850

00:33:33,590 --> 00:33:32,720

and even in some cases imitated on lines

851
00:33:36,389 --> 00:33:33,600
that do not

852
00:33:39,509 --> 00:33:36,399
transcend known laws the spiritualists

853
00:33:43,350 --> 00:33:39,519
delay the acceptance of the very truth

854
00:33:46,870 --> 00:33:43,360
they proclaim and so involuntarily

855
00:33:49,830 --> 00:33:46,880
become its worst opponents

856
00:33:51,029 --> 00:33:49,840
it is because i believe in survival and

857
00:33:53,590 --> 00:33:51,039
in the power of

858
00:33:55,269 --> 00:33:53,600
discarnate spirits to make contact with

859
00:33:58,389 --> 00:33:55,279
those still on earth

860
00:34:01,430 --> 00:33:58,399
that i examine to the best of my ability

861
00:34:02,070 --> 00:34:01,440
everything which comes my way that seems

862
00:34:04,789 --> 00:34:02,080
to bear

863
00:34:05,750 --> 00:34:04,799

upon these matters the interrogation of

864

00:34:08,069 --> 00:34:05,760

faith and reason

865

00:34:09,270 --> 00:34:08,079

is perhaps the main task of those who

866

00:34:12,389 --> 00:34:09,280

have been

867

00:34:15,589 --> 00:34:12,399

endowed with the capacity to think

868

00:34:18,829 --> 00:34:15,599

and to believe we are

869

00:34:19,990 --> 00:34:18,839

charged to make sense of all our

870

00:34:23,669 --> 00:34:20,000

experience

871

00:34:24,470 --> 00:34:23,679

our temptation is to make sense only of

872

00:34:27,510 --> 00:34:24,480

a part

873

00:34:30,470 --> 00:34:27,520

or more deadly still

874

00:34:31,909 --> 00:34:30,480

to exclude or deny what will not fit

875

00:34:35,349 --> 00:34:31,919

into our scheme

876

00:34:38,710 --> 00:34:35,359

the apostle thomas was not a skeptic

877

00:34:39,349 --> 00:34:38,720

let me break in here i had a colleague

878

00:34:42,470 --> 00:34:39,359

once who

879

00:34:42,869 --> 00:34:42,480

said in public meetings that of course

880

00:34:46,629 --> 00:34:42,879

the

881

00:34:50,149 --> 00:34:46,639

after all

882

00:34:51,990 --> 00:34:50,159

said thomas is our patron saint and

883

00:34:53,070 --> 00:34:52,000

half the audience would get it and laugh

884

00:34:54,550 --> 00:34:53,080

wouldn't

885

00:34:57,750 --> 00:34:54,560

[Laughter]

886

00:34:58,710 --> 00:34:57,760

the apostle thomas was not a skeptic we

887

00:35:01,190 --> 00:34:58,720

read on

888

00:35:01,990 --> 00:35:01,200

the apostle thomas was not a skeptic he

889

00:35:04,069 --> 00:35:02,000

was going

890

00:35:06,069 --> 00:35:04,079

to spend the rest of his life in telling

891

00:35:09,589 --> 00:35:06,079

people that a thing had happened

892

00:35:12,790 --> 00:35:09,599

and for their sake as well as to his own

893

00:35:13,910 --> 00:35:12,800

he wanted evidence the few seances which

894

00:35:15,589 --> 00:35:13,920

i attended

895

00:35:17,109 --> 00:35:15,599

offered considerable evidence of

896

00:35:20,310 --> 00:35:17,119

telepathy and

897

00:35:23,430 --> 00:35:20,320

clairvoyance but none that i could see

898

00:35:25,750 --> 00:35:23,440

of survival or of the work of spirits

899

00:35:26,470 --> 00:35:25,760

my conclusion was that the mediums whom

900

00:35:28,950 --> 00:35:26,480

i saw

901
00:35:30,630 --> 00:35:28,960
were honest in their belief that what

902
00:35:32,550 --> 00:35:30,640
they said was given to them by

903
00:35:34,390 --> 00:35:32,560
discarnate spirits

904
00:35:35,829 --> 00:35:34,400
they themselves did not seem in any

905
00:35:38,150 --> 00:35:35,839
point conclusively

906
00:35:40,790 --> 00:35:38,160
to originate what they had said but

907
00:35:42,630 --> 00:35:40,800
there was no evidence of outside agency

908
00:35:44,230 --> 00:35:42,640
nothing was said that could not have

909
00:35:48,020 --> 00:35:44,240
been picked up by

910
00:35:49,349 --> 00:35:48,030
ordinary telepathy or clairvoyance

911
00:35:57,430 --> 00:35:49,359
[Music]

912
00:35:59,829 --> 00:35:57,440
what a marathon effort my dear listeners

913
00:36:03,510 --> 00:35:59,839

you've stuck with this

914

00:36:06,790 --> 00:36:03,520

fascinating report from the 1950s

915

00:36:09,990 --> 00:36:06,800

over the last 10 weeks and there i

916

00:36:13,430 --> 00:36:10,000

think in the final paragraph from I

917

00:36:16,630 --> 00:36:13,440

a g strong

918

00:36:18,310 --> 00:36:16,640

really sums up the attitude of the

919

00:36:21,589 --> 00:36:18,320

investigating panel now

920

00:36:24,550 --> 00:36:21,599

they investigated many instances of

921

00:36:24,870 --> 00:36:24,560

seances and other things that we don't

922

00:36:27,910 --> 00:36:24,880

have

923

00:36:29,109 --> 00:36:27,920

access to there was only selective cases

924

00:36:31,829 --> 00:36:29,119

reported here

925

00:36:32,470 --> 00:36:31,839

during the course of the last 10 weeks

926
00:36:35,990 --> 00:36:32,480
but that

927
00:36:38,390 --> 00:36:36,000
final paragraph and the final line

928
00:36:40,310 --> 00:36:38,400
really sums up the mindset of those

929
00:36:43,750 --> 00:36:40,320
people conducting the

930
00:36:46,630 --> 00:36:43,760
investigations nothing was said

931
00:36:47,589 --> 00:36:46,640
that could not have been picked up by

932
00:36:50,140 --> 00:36:47,599
ordinary

933
00:36:51,270 --> 00:36:50,150
telepathy or clairvoyance

934
00:36:53,510 --> 00:36:51,280
[Music]

935
00:36:54,870 --> 00:36:53,520
now if you conduct an investigation into

936
00:36:55,829 --> 00:36:54,880
matters of the paranormal and the

937
00:36:58,630 --> 00:36:55,839
supernatural

938
00:37:01,349 --> 00:36:58,640

with that mindset it's not really going

939

00:37:02,950 --> 00:37:01,359

to be very helpful

940

00:37:04,550 --> 00:37:02,960

now of course the criticism labeled

941

00:37:06,710 --> 00:37:04,560

skeptics like me who conducted

942

00:37:09,910 --> 00:37:06,720

investigations is that we go in

943

00:37:11,750 --> 00:37:09,920

with a particular mindset that is of

944

00:37:14,390 --> 00:37:11,760

this doesn't work i'm going to prove it

945

00:37:17,750 --> 00:37:14,400

doesn't work or something like that

946

00:37:19,349 --> 00:37:17,760

and the answer to that which i've given

947

00:37:20,950 --> 00:37:19,359

many times over the years in press

948

00:37:22,430 --> 00:37:20,960

interviews and whatever

949

00:37:25,670 --> 00:37:22,440

is that of course i've got my

950

00:37:27,109 --> 00:37:25,680

preconceived notions everybody does

951
00:37:29,109 --> 00:37:27,119
and after 20 years of these

952
00:37:31,190 --> 00:37:29,119
investigations myself and

953
00:37:32,790 --> 00:37:31,200
and 50 plus years generally in the

954
00:37:36,150 --> 00:37:32,800
skeptical community and there's

955
00:37:37,109 --> 00:37:36,160
been no results of course we've got

956
00:37:39,990 --> 00:37:37,119
preconceived

957
00:37:41,829 --> 00:37:40,000
notions but it doesn't mean that we

958
00:37:43,030 --> 00:37:41,839
don't go into investigations with an

959
00:37:46,150 --> 00:37:43,040
open mind

960
00:37:47,829 --> 00:37:46,160
and give the claimant or the person

961
00:37:51,430 --> 00:37:47,839
making the claims

962
00:37:53,109 --> 00:37:51,440
every opportunity fair chance to show

963
00:37:54,080 --> 00:37:53,119

what they say they can do they can

964

00:37:57,349 --> 00:37:54,090

actually do

965

00:37:59,990 --> 00:37:57,359

[Music]

966

00:38:01,670 --> 00:38:00,000

and that was into the unknown a long

967

00:38:03,910 --> 00:38:01,680

series of reports

968

00:38:05,030 --> 00:38:03,920

and comments from the investigating

969

00:38:08,310 --> 00:38:05,040

panel

970

00:38:08,950 --> 00:38:08,320

way back in 1950 published in the color

971

00:38:12,310 --> 00:38:08,960

magazine

972

00:38:15,030 --> 00:38:12,320

sunday sun supplement and i will link

973

00:38:16,870 --> 00:38:15,040

to this particular part in this week's

974

00:38:20,150 --> 00:38:16,880

show notes so you can read the

975

00:38:23,190 --> 00:38:20,160

conclusion for yourself and

976

00:38:31,900 --> 00:38:23,200

next week in the trove segment

977

00:38:46,790 --> 00:38:31,910

we will be looking at biorhythms

978

00:38:50,150 --> 00:38:48,790

thank you for listening to the skeptic

979

00:38:51,750 --> 00:38:50,160

zone

980

00:38:53,270 --> 00:38:51,760

thank you to those people who continue

981

00:38:54,750 --> 00:38:53,280

to support the skeptic zone and those

982

00:38:57,109 --> 00:38:54,760

new people coming on board at

983

00:39:00,950 --> 00:38:57,119

skepticzone.tv with patreon

984

00:39:04,550 --> 00:39:00,960

or paypal in fact i just got my monthly

985

00:39:06,310 --> 00:39:04,560

uh payment from patreon a few days ago

986

00:39:08,470 --> 00:39:06,320

which was very timely because it helped

987

00:39:10,069 --> 00:39:08,480

cover some vital costs

988

00:39:11,750 --> 00:39:10,079

so thank you to those people and if you

989

00:39:12,470 --> 00:39:11,760

want to become a supporter of the show

990

00:39:14,630 --> 00:39:12,480

if you enjoy

991

00:39:15,510 --> 00:39:14,640

listening to the show every week i

992

00:39:17,910 --> 00:39:15,520

enjoyed doing it

993

00:39:21,510 --> 00:39:17,920

so to the team of reporters just head

994

00:39:23,589 --> 00:39:21,520

for skepticzone.tv and click the links

995

00:39:24,790 --> 00:39:23,599

and as maynard reminded us in this

996

00:39:26,069 --> 00:39:24,800

week's episode

997

00:39:28,069 --> 00:39:26,079

while you're there you can click the

998

00:39:30,470 --> 00:39:28,079

links for the youtube

999

00:39:32,150 --> 00:39:30,480

versions of the show including the

1000

00:39:32,870 --> 00:39:32,160

logical fallacy segment with michelle

1001
00:39:35,349 --> 00:39:32,880
bickersma

1002
00:39:37,430 --> 00:39:35,359
and the typewriter time funny sketches

1003
00:39:39,750 --> 00:39:37,440
with me and lots of other skeptics

1004
00:39:41,430 --> 00:39:39,760
but for this week this is richard

1005
00:39:47,430 --> 00:39:41,440
saunders signing off from

1006
00:39:50,630 --> 00:39:49,190
you've been listening to the skeptic

1007
00:39:53,870 --> 00:39:50,640
zone podcast

1008
00:39:55,190 --> 00:39:53,880
please visit our website at

1009
00:39:58,310 --> 00:39:55,200
www.skepticzone.tv

1010
00:40:00,310 --> 00:39:58,320
for show notes contacts and to access

1011
00:40:03,829 --> 00:40:00,320
the back catalog of episodes

1012
00:40:05,910 --> 00:40:03,839
going back to 2008. you can follow the

1013
00:40:09,349 --> 00:40:05,920

skepticzone podcast on twitter

1014

00:40:12,870 --> 00:40:09,359

at skepticzone visit our facebook page

1015

00:40:14,309 --> 00:40:12,880

or leave a review on itunes you can also

1016

00:40:17,510 --> 00:40:14,319

support the skeptic zone

1017

00:40:18,230 --> 00:40:17,520

via patreon or paypal the skeptic zone

1018

00:40:21,190 --> 00:40:18,240

podcast

1019

00:40:22,950 --> 00:40:21,200

is an independent production the views

1020

00:40:23,349 --> 00:40:22,960

and opinions expressed on the skeptic

1021

00:40:25,349 --> 00:40:23,359

zone

1022

00:40:27,270 --> 00:40:25,359

are not necessarily those of australian

1023

00:40:41,510 --> 00:40:27,280

skeptics or any other

1024

00:40:45,670 --> 00:40:43,190

hello to the afterthoughts the people

1025

00:40:48,230 --> 00:40:45,680

who keep listening after the music

1026
00:40:49,030 --> 00:40:48,240
and if you don't know what all this is

1027
00:40:51,589 --> 00:40:49,040
about

1028
00:40:53,910 --> 00:40:51,599
this is where i play the dice game i'll

1029
00:40:56,069 --> 00:40:53,920
roll the d6 this week

1030
00:40:57,750 --> 00:40:56,079
three times and you use whatever power

1031
00:41:00,309 --> 00:40:57,760
you like

1032
00:41:01,990 --> 00:41:00,319
i know i know a surefire way what you do

1033
00:41:03,270 --> 00:41:02,000
is you listen to the segment rewind and

1034
00:41:04,630 --> 00:41:03,280
listen to it again then you're sure to

1035
00:41:06,950 --> 00:41:04,640
get every number correct i'm going to

1036
00:41:09,990 --> 00:41:06,960
roll this three times

1037
00:41:14,309 --> 00:41:10,000
and maybe four who knows and

1038
00:41:16,470 --> 00:41:14,319

you see how many you can get right

1039

00:41:18,309 --> 00:41:16,480

a d6 so it's one two three four five or

1040

00:41:21,430 --> 00:41:18,319

six in my

1041

00:41:22,309 --> 00:41:21,440

dice rolling box here first number

1042

00:41:23,840 --> 00:41:22,319

coming up

1043

00:41:27,190 --> 00:41:23,850

here it comes

1044

00:41:32,710 --> 00:41:30,550

four oh it sort of

1045

00:41:33,750 --> 00:41:32,720

was spinning around in the box there

1046

00:41:38,150 --> 00:41:33,760

first number is

1047

00:41:42,710 --> 00:41:38,160

four this week okay next number

1048

00:41:42,720 --> 00:41:46,150

two

1049

00:41:50,470 --> 00:41:48,390

write that down and the third number

1050

00:41:52,069 --> 00:41:50,480

last number for this week well the last

1051
00:41:54,069 --> 00:41:52,079
in the series of three there might be

1052
00:41:57,670 --> 00:41:54,079
another one

1053
00:42:04,550 --> 00:42:01,349
six hmm

1054
00:42:06,630 --> 00:42:04,560
all the evens this week four two and six

1055
00:42:07,829 --> 00:42:06,640
with the supplementary number

1056
00:42:09,430 --> 00:42:07,839
this is where you if you get the

1057
00:42:11,190 --> 00:42:09,440
supplementary number and two correct

1058
00:42:13,190 --> 00:42:11,200
numbers you get um

1059
00:42:14,390 --> 00:42:13,200
um you get to listen to the show again

1060
00:42:16,470 --> 00:42:14,400
next week i don't know here we go the

1061
00:42:19,349 --> 00:42:16,480
last one

1062
00:42:19,990 --> 00:42:19,359
five so the numbers this week to recap

1063
00:42:24,710 --> 00:42:20,000

