

1

00:00:00,000 --> 00:00:02,500

Do not try what you're about to see at home.

2

00:00:02,500 --> 00:00:05,500

We consult with experts, we take every precaution,

3

00:00:05,500 --> 00:00:08,000

and we have years of experience in dangerous situations.

4

00:00:10,000 --> 00:00:13,500

On this horrifying episode of Mythbusters...

5

00:00:15,500 --> 00:00:17,000

Here's that one!

6

00:00:17,000 --> 00:00:18,000

There's thrills...

7

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

Oh, it's burrowing!

8

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

Spills...

9

00:00:21,000 --> 00:00:22,500

Who taught me into this?

10

00:00:22,500 --> 00:00:25,000

And spine-tingling chills...

11

00:00:25,500 --> 00:00:28,500

for the hair-raising Halloween special.

12

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

First, Adam and Jamie go bump in the night.

13

00:00:32,000 --> 00:00:33,500

Yes, we're staring at you.

14

00:00:33,500 --> 00:00:35,500

We're all staring at you.

15

00:00:35,500 --> 00:00:38,000

Finding out if the science of sound...

16

00:00:38,000 --> 00:00:40,000

There's ain't no boom boxes.

17

00:00:40,000 --> 00:00:43,500

Could explain reports of paranormal activity.

18

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

Then it's a grave concern.

19

00:00:48,500 --> 00:00:50,500

Are you ready for the horror?

20

00:00:52,000 --> 00:00:56,500

Testing the movie myth that moving a dead body is dead easy.

21

00:00:56,500 --> 00:01:00,000

Meanwhile, Kari, Tori and Grant take fright.

22

00:01:00,000 --> 00:01:01,500

Breathe, just breathe.

23

00:01:01,500 --> 00:01:02,500

Yeah, breathe.

24

00:01:02,500 --> 00:01:04,500

And work up a cold sweat.

25

00:01:04,500 --> 00:01:05,500

Help me!

26

00:01:05,500 --> 00:01:08,500

Finding out if there really is...

27

00:01:08,500 --> 00:01:10,500

a smell of fear.

28

00:01:10,500 --> 00:01:12,500

Oh, they got it over.

29

00:01:15,500 --> 00:01:17,500

Who are the Mythbusters?

30

00:01:17,500 --> 00:01:18,500

Science is dangerous!

31

00:01:18,500 --> 00:01:19,500

Adam Savage.

32

00:01:19,500 --> 00:01:20,500

Hi, Mom.

33

00:01:21,500 --> 00:01:22,500

And Jamie Heineman.

34

00:01:22,500 --> 00:01:23,500

Bye-bye!

35

00:01:23,500 --> 00:01:28,500

Between them more than 30 years of special effects experience...

36

00:01:29,500 --> 00:01:31,500

together with Kari Byron.

37

00:01:31,500 --> 00:01:33,500

Face the arachnacher.

38

00:01:33,500 --> 00:01:34,500

Grant Imahara.

39

00:01:34,500 --> 00:01:36,500

Nothing to touch, man!

40

00:01:36,500 --> 00:01:37,500

And Tori Belachie.

41

00:01:37,500 --> 00:01:40,500

It's a cute little look of death.

42

00:01:40,500 --> 00:01:42,500

They don't just tell the Myth...

43

00:01:42,500 --> 00:01:43,500

What more do you need to know?

44

00:01:43,500 --> 00:01:45,500

They put them to the test.

45

00:01:53,500 --> 00:01:55,500

The Mythbusters

46

00:02:03,500 --> 00:02:07,500

Children of the night, prepare to be terrified.

47

00:02:07,500 --> 00:02:12,500

What is this time for the Mythbusters Halloween of special...

48

00:02:13,500 --> 00:02:14,500

Do you have a costume for me?

49

00:02:14,500 --> 00:02:16,500

Would you even wear one?

50

00:02:16,500 --> 00:02:17,500

No.

51

00:02:17,500 --> 00:02:18,500

Then we don't.

52

00:02:19,500 --> 00:02:22,500

So what's on the roster for the Halloween special?

53

00:02:22,500 --> 00:02:23,500

I'm glad you asked.

54

00:02:23,500 --> 00:02:26,500

First up, we have a myth called the Frequency of Fear.

55

00:02:26,500 --> 00:02:29,500

There is apparently a certain frequency of sound...

56

00:02:29,500 --> 00:02:32,500

that people can't hear, but they can sense it...

57

00:02:32,500 --> 00:02:34,500

and it makes people feel spooked.

58

00:02:34,500 --> 00:02:36,500

And it might be an explanation for my people...

59

00:02:36,500 --> 00:02:38,500

think certain places are haunted.

60

00:02:38,500 --> 00:02:39,500

I like that.

61

00:02:39,500 --> 00:02:43,500

And you know, I also want to try dealing with disposing of bodies.

62

00:02:43,500 --> 00:02:44,500

Really?

63

00:02:44,500 --> 00:02:46,500

Yeah, you know, in the movies, they're always slinging them around...

64

00:02:46,500 --> 00:02:50,500

like they're easy, but there's a reason they call it dead weight.

65

00:02:50,500 --> 00:02:54,500

That's great, it sounds positively ghoulish!

66

00:03:01,500 --> 00:03:02,500

Here we go.

67

00:03:03,500 --> 00:03:06,500

Yep, be afraid, be very afraid...

68

00:03:06,500 --> 00:03:09,500

because Adam and Jamie have doubled the dread...

69

00:03:09,500 --> 00:03:12,500

for a duo of disturbing myths.

70

00:03:12,500 --> 00:03:15,500

And first up is an audio anomaly.

71

00:03:16,500 --> 00:03:19,500

There's no shortage of folks reporting that they see...

72

00:03:19,500 --> 00:03:21,500

dead people.

73

00:03:22,500 --> 00:03:25,500

But science suggests that this paranormal activity...

74

00:03:25,500 --> 00:03:28,500

could all be down to inaudible sounds.

75

00:03:28,500 --> 00:03:31,500

Could the vibration of household appliances...

76

00:03:31,500 --> 00:03:34,500

at the supposed freaky frequency...

77

00:03:34,500 --> 00:03:37,500

really make you see a ghost?

78

00:03:37,500 --> 00:03:40,500

So what's the plan for Frequency of Fear?

79

00:03:40,500 --> 00:03:43,500

Well, the specific frequency turns out to be 19 hertz.

80

00:03:43,500 --> 00:03:45,500

It's sub-oral, which means you can't hear it...

81

00:03:45,500 --> 00:03:48,500

but to give ourselves the best chance that someone might be able to sense it...

82

00:03:48,500 --> 00:03:51,500

I think we need a big, fat speaker stack...

83

00:03:51,500 --> 00:03:54,500

that can generate 19 hertz at a fairly high intensity.

84

00:03:54,500 --> 00:03:55,500

Sounds good.

85

00:03:55,500 --> 00:03:57,500

So we can be scientific and all.

86

00:03:57,500 --> 00:04:00,500

Why don't we get, say, four separate cottages...

87

00:04:00,500 --> 00:04:02,500

that are already a little spooky?

88

00:04:02,500 --> 00:04:05,500

And we'll only play the sound in one of them!

89

00:04:05,500 --> 00:04:07,500

Yeah, and if they're already a little spooky...

90

00:04:07,500 --> 00:04:09,500

maybe the tone will send them over the edge.

91

00:04:09,500 --> 00:04:10,500

Oh, that's terrific!

92

00:04:10,500 --> 00:04:12,500

Alright, let's do it.

93

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

And deep in the backwards...

94

00:04:20,500 --> 00:04:25,500

the Mythbusters have found the perfect location to set the tone.

95

00:04:35,500 --> 00:04:37,500

Where's Jamie?

96

00:04:42,500 --> 00:04:44,500

A little spooky here, isn't it?

97

00:04:44,500 --> 00:04:46,500

I think it's plenty spooky.

98

00:04:48,500 --> 00:04:50,500

Now, because this is a Halloween episode...

99

00:04:50,500 --> 00:04:53,500

we wanted the location we came to to be good and spooky.

100

00:04:53,500 --> 00:04:55,500

Ooh, but not so spooky...

101

00:04:55,500 --> 00:04:58,500

that it would actually skew the control of our test...

102

00:04:58,500 --> 00:04:59,500

testing spookiness.

103

00:04:59,500 --> 00:05:01,500

And about two and a half hours north of the Mythbusters shop...

104

00:05:01,500 --> 00:05:03,500

in Northern California in the Redwoods...

105

00:05:03,500 --> 00:05:05,500

we found this fantastic club resort...

106

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

and no one's been here in almost 15 years.

107

00:05:09,500 --> 00:05:13,500

It was once beautiful, now it's simply perfect for us.

108

00:05:13,500 --> 00:05:15,500

They're perfect for our purposes...

109

00:05:15,500 --> 00:05:17,500

because despite small cosmetic differences...

110

00:05:17,500 --> 00:05:22,500

each of our four cabins has a nearly identical layout.

111

00:05:22,500 --> 00:05:25,500

We will, however, only be applying our infrasound treatment...

112

00:05:25,500 --> 00:05:27,500

to one of the four cabins...

113

00:05:27,500 --> 00:05:29,500

and we'll be trying to find out if there's any meat to this myth.

114

00:05:29,500 --> 00:05:33,500

I.e. does a statistically significant majority of our volunteers...

115

00:05:33,500 --> 00:05:36,500

find that cabin to be the haunted one.

116

00:05:36,500 --> 00:05:37,500

Perfect!

117

00:05:37,500 --> 00:05:40,500

Indeed, and to generate that hum...

118

00:05:40,500 --> 00:05:43,500

There's ain't no boom boxes.

119

00:05:43,500 --> 00:05:48,500

Jamie's tracked down a super-sized stack of speakers.

120

00:05:48,500 --> 00:05:52,500

It's equivalent to the sound that you might have coming out of a large rock concert.

121

00:05:52,500 --> 00:05:57,500

It's about 40,000 watts, or you know, that home theater system you have.

122

00:05:57,500 --> 00:06:00,500

Well, it's about 400 of those.

123

00:06:00,500 --> 00:06:04,500

Yep, cabin number three has a sound system to die for.

124

00:06:04,500 --> 00:06:08,500

But for this test, they're pumping the volume down?

125

00:06:08,500 --> 00:06:11,500

These speakers are clearly capable of making the whole building vibrate...

126

00:06:11,500 --> 00:06:14,500

and the windows shake, which is what they're doing now.

127

00:06:14,500 --> 00:06:18,500

And we can't actually have any sounds that the test subjects can hear...

128

00:06:18,500 --> 00:06:20,500

because that would skew the results.

129

00:06:20,500 --> 00:06:26,500

We've got an upper limit on the amount of volume that we can pump out of those speakers.

130

00:06:26,500 --> 00:06:30,500

So we're going to have to tune this back just to the point where...

131

00:06:30,500 --> 00:06:35,500

there's nothing audible, including rattling, and we'll work with that.

132

00:06:35,500 --> 00:06:40,500

With the volume dialed down from 11, Jamie goes for a test run.

133

00:06:42,500 --> 00:06:45,500

Hmm. This is interesting.

134

00:06:45,500 --> 00:06:47,500

I can't hear anything out of the ordinary.

135

00:06:47,500 --> 00:06:51,500

I do feel like there's something going on in me.

136

00:06:51,500 --> 00:06:56,500

It feels like I have butterflies in my stomach, or I'm really tired, but I've had too much coffee.

137

00:06:56,500 --> 00:07:00,500

It's sort of anxiety-producing.

138

00:07:00,500 --> 00:07:04,500

I don't know about fear, but it's unnerving.

139

00:07:07,500 --> 00:07:10,500

Next up, the Mythbusters are on the semifinals.

140

00:07:12,500 --> 00:07:14,500

Alright, so this is a classic for the Halloween special.

141

00:07:14,500 --> 00:07:15,500

What is it?

142

00:07:15,500 --> 00:07:16,500

The smell of fear.

143

00:07:16,500 --> 00:07:17,500

What about it?

144

00:07:17,500 --> 00:07:20,500

Well, the fans want to know, is it just a Hollywood tagline,

145

00:07:20,500 --> 00:07:22,500

The smell of fear?

146

00:07:22,500 --> 00:07:25,500

Or is there a detectable scent that humans give off when they're scared?

147

00:07:25,500 --> 00:07:27,500

That means we're going to have to get scared for this, doesn't it?

148

00:07:27,500 --> 00:07:28,500

You betcha.

149

00:07:28,500 --> 00:07:32,500

Ah, I'm so not looking forward to this.

150

00:07:33,500 --> 00:07:37,500

This is a myth straight out of Schluck horror.

151

00:07:38,500 --> 00:07:46,500

But does the sticky sweat of fear really have an aroma of anxiety?

152

00:07:46,500 --> 00:07:52,500

And would that stink be wiffy enough for a human nose to sniff it out?

153

00:07:52,500 --> 00:07:56,500

So if there is a smell of fear, it must be something secreted in sweat.

154

00:07:56,500 --> 00:07:57,500

Exactly.

155

00:07:57,500 --> 00:08:01,500

So why don't we set up an experiment where we're collecting normal sweat as we're exercising as a control,

156

00:08:01,500 --> 00:08:04,500

and then we'll collect more sweat while we're being scared.

157

00:08:04,500 --> 00:08:06,500

Alright, then we take those samples, bring in some volunteers,

158

00:08:06,500 --> 00:08:09,500

and see if they can smell the difference between fear and non-fear sweat.

159

00:08:09,500 --> 00:08:11,500

Cool, but you know what that means.

160

00:08:11,500 --> 00:08:15,500

That means we're going to have to devise some kind of torture for our fear sweat samples.

161

00:08:15,500 --> 00:08:17,500

Well, you remember cold feet?

162

00:08:17,500 --> 00:08:19,500

How could I forget?

163

00:08:19,500 --> 00:08:24,500

Well, apparently our fans are demented, and they want to torture us with more creepy crawlies.

164

00:08:24,500 --> 00:08:26,500

So they've come up with a list of things.

165

00:08:26,500 --> 00:08:29,500

We're going to pick three, and then each of us will pick one out of a hat.

166

00:08:29,500 --> 00:08:33,500

Sort of like a sick and twisted lottery, where none of us really wins.

167

00:08:33,500 --> 00:08:35,500

Great, I can hardly wait.

168

00:08:35,500 --> 00:08:40,500

But you know, before we get to that, we should get out the treadmill so that we can get our control samples.

169

00:08:40,500 --> 00:08:42,500

Good idea, stall as long as we can.

170

00:08:42,500 --> 00:08:43,500

Yeah.

171

00:08:43,500 --> 00:08:47,500

Yep, it's time to get a little steamy and sweaty for science.

172

00:08:47,500 --> 00:08:50,500

Okay, time to collect your sweat sample.

173

00:08:50,500 --> 00:08:51,500

Yeah, get in there, guys.

174

00:08:51,500 --> 00:08:53,500

You know, you put your sweat capturing pads on yourself.

175

00:08:53,500 --> 00:08:54,500

You might guess.

176

00:08:54,500 --> 00:08:55,500

No.

177

00:08:55,500 --> 00:09:00,500

Ultimately, they'll pit this exercise sweat against their scared secretions.

178

00:09:04,500 --> 00:09:06,500

Hi, the tiger, baby.

179

00:09:07,500 --> 00:09:09,500

It's definitely don't try this at home.

180

00:09:09,500 --> 00:09:11,500

This is advanced.

181

00:09:11,500 --> 00:09:14,500

And the best part is, I'm not afraid at all.

182

00:09:14,500 --> 00:09:16,500

So this is just pure sweat.

183

00:09:16,500 --> 00:09:20,500

It's a pure and relaxed experiment.

184

00:09:20,500 --> 00:09:23,500

Grant, think about robots and puppies.

185

00:09:23,500 --> 00:09:25,500

To sweat out a control baseline.

186

00:09:25,500 --> 00:09:26,500

Yeah.

187

00:09:26,500 --> 00:09:28,500

You almost have it there.

188

00:09:28,500 --> 00:09:29,500

Keep it going.

189

00:09:29,500 --> 00:09:30,500

You got it, coach.

190

00:09:30,500 --> 00:09:32,500

I won't let you down.

191

00:09:32,500 --> 00:09:36,500

And after each myth buster has pounded the treadmill for 20 minutes,

192

00:09:36,500 --> 00:09:40,500

they've got a bead on exercise perspiration.

193

00:09:41,500 --> 00:09:44,500

Looks like science confirms it carries hot.

194

00:09:44,500 --> 00:09:45,500

Red hot.

195

00:09:46,500 --> 00:09:47,500

Nice.

196

00:09:47,500 --> 00:09:48,500

Nice work, Kerry.

197

00:09:48,500 --> 00:09:49,500

All right.

198

00:09:49,500 --> 00:09:50,500

Off to the freezer.

199

00:09:50,500 --> 00:09:55,500

So we've been told by our experts that it's critical that our samples don't degrade.

200

00:09:55,500 --> 00:09:58,500

And that the best way to do that is to put it in the freezer.

201

00:09:58,500 --> 00:10:00,500

So this is getting fresh.

202

00:10:00,500 --> 00:10:03,500

With the control exercise sweat chilling out,

203

00:10:03,500 --> 00:10:10,500

it's now time to enter the little workshop of horrors for their trial by fear.

204

00:10:11,500 --> 00:10:14,500

Next up, we test the myth of the smell of fear.

205

00:10:14,500 --> 00:10:18,500

We're each going to lay in a coffin and subject ourselves to different creepy crawlies.

206

00:10:20,500 --> 00:10:25,500

You know what, I am not looking forward to this experiment at all.

207

00:10:27,500 --> 00:10:28,500

All right.

208

00:10:28,500 --> 00:10:30,500

I'm not looking forward to what's in here.

209

00:10:30,500 --> 00:10:34,500

Well, you can bet it's not rainbows and bunnies.

210

00:10:35,500 --> 00:10:37,500

It's worse than I ever expected.

211

00:10:39,500 --> 00:10:40,500

Phenom ascorpion.

212

00:10:40,500 --> 00:10:41,500

They sting.

213

00:10:41,500 --> 00:10:43,500

They're horrible sick people.

214

00:10:43,500 --> 00:10:44,500

Yep.

215

00:10:44,500 --> 00:10:49,500

Seven minutes in a coffin full of scorpions should ensure some petrified perspiration.

216

00:10:49,500 --> 00:10:51,500

I'm getting coughing.

217

00:10:51,500 --> 00:10:54,500

Oh God, Halloween used to be my favorite holiday.

218

00:10:54,500 --> 00:10:58,500

It's the moment of truth as pest wrangler Owen Merck's

219

00:10:58,500 --> 00:10:59,500

Good evening, gentlemen,

220

00:10:59,500 --> 00:11:02,500

brings in the scorpions for Carrie's ordeal.

221

00:11:02,500 --> 00:11:03,500

Oh God.

222

00:11:03,500 --> 00:11:05,500

Oh my God.

223

00:11:07,500 --> 00:11:08,500

Oh my God.

224

00:11:09,500 --> 00:11:12,500

From the get go, Carrie is terrified.

225

00:11:12,500 --> 00:11:15,500

Add with 30 scorpions scattered on top of her.

226

00:11:15,500 --> 00:11:17,500

It just gets worse.

227

00:11:21,500 --> 00:11:22,500

So weird.

228

00:11:22,500 --> 00:11:27,500

Three minutes in and her arachnid friends are getting a little too friendly.

229

00:11:27,500 --> 00:11:29,500

My finger, my finger.

230

00:11:29,500 --> 00:11:32,500

Oh, that was biting her fingernail.

231

00:11:32,500 --> 00:11:33,500

Is that a sting?

232

00:11:33,500 --> 00:11:34,500

It's fine, it's fine.

233

00:11:34,500 --> 00:11:35,500

It's fine.

234

00:11:35,500 --> 00:11:37,500

Oh, actually, you know what?

235

00:11:37,500 --> 00:11:39,500

He thinks her nail is a bug.

236

00:11:40,500 --> 00:11:43,500

Carrie tries her best to stay as still as possible,

237

00:11:43,500 --> 00:11:45,500

so as not to disturb the scorpions.

238

00:11:46,500 --> 00:11:47,500

I can't stop shaking my foot.

239

00:11:47,500 --> 00:11:48,500

I can't stop shaking my foot.

240

00:11:48,500 --> 00:11:49,500

Stop it.

241

00:11:49,500 --> 00:11:50,500

I can't stop it.

242

00:11:50,500 --> 00:11:52,500

Wait, are you shaking it or?

243

00:11:52,500 --> 00:11:53,500

No.

244

00:11:54,500 --> 00:11:56,500

You know what, Carrie, I've seen you in a lot of horrible situations,

245

00:11:56,500 --> 00:11:59,500

but I think this is the most scared I've ever seen you.

246

00:11:59,500 --> 00:12:00,500

Nine, eight.

247

00:12:00,500 --> 00:12:03,500

Well, time flies when you're not having fun,

248

00:12:03,500 --> 00:12:06,500

and soon Carrie's seven minutes are up.

249

00:12:06,500 --> 00:12:12,500

Okay, I gotta say, being covered in scorpions when they're on your face

250

00:12:12,500 --> 00:12:17,500

and the uncontrollable shaking and knowing that they sting if you move,

251

00:12:18,500 --> 00:12:19,500

worked, I think.

252

00:12:19,500 --> 00:12:21,500

Oh my gosh.

253

00:12:21,500 --> 00:12:22,500

I was definitely scared.

254

00:12:22,500 --> 00:12:23,500

I'm definitely scared.

255

00:12:23,500 --> 00:12:25,500

I've got a good sample for you right now.

256

00:12:25,500 --> 00:12:27,500

There's fear drenching these right now.

257

00:12:27,500 --> 00:12:29,500

These are fear drenched pads.

258

00:12:29,500 --> 00:12:30,500

Good job.

259

00:12:30,500 --> 00:12:31,500

Yeah, me too.

260

00:12:31,500 --> 00:12:33,500

Oh, there's a smell to fear.

261

00:12:33,500 --> 00:12:34,500

At least we're okay.

262

00:12:34,500 --> 00:12:36,500

Oh my God.

263

00:12:36,500 --> 00:12:38,500

I think that's over.

264

00:12:38,500 --> 00:12:42,500

It may be over for Carrie, but for Tori and Grant,

265

00:12:42,500 --> 00:12:45,500

the terror hasn't even begun.

266

00:12:45,500 --> 00:12:47,500

Oh, it's burning.

267

00:12:47,500 --> 00:12:48,500

Oh!

268

00:12:48,500 --> 00:12:50,500

Later, the body count goes up.

269

00:12:50,500 --> 00:12:52,500

Are you ready for the horror?

270

00:12:52,500 --> 00:12:55,500

And Adam gets into gear for the haunted hum.

271

00:12:55,500 --> 00:12:56,500

Get your costumes ready.

272

00:12:56,500 --> 00:12:58,500

It's that time of year.

273

00:13:00,500 --> 00:13:02,500

It's time for the Mythbusters Halloween special.

274

00:13:11,500 --> 00:13:14,500

Hello, or should I say hello?

275

00:13:14,500 --> 00:13:16,500

It's the Mythbusters Halloween special.

276

00:13:16,500 --> 00:13:20,500

And we are testing the story currently that there is a certain frequency of sound

277

00:13:20,500 --> 00:13:24,500

too low for the human ear to hear that can still make people feel uneasy

278

00:13:24,500 --> 00:13:27,500

and lead them to believe that a place is haunted.

279

00:13:27,500 --> 00:13:30,500

We've set up four identical houses,

280

00:13:30,500 --> 00:13:34,500

but only one of them will be getting the suboral sound treatment.

281

00:13:34,500 --> 00:13:36,500

I am sitting on that treatment.

282

00:13:36,500 --> 00:13:39,500

This is a stack of 40,000 watts of speakers

283

00:13:39,500 --> 00:13:43,500

that will produce a sound that most people can't hear.

284

00:13:43,500 --> 00:13:46,500

Will it make them feel like this house is haunted?

285

00:13:50,500 --> 00:13:51,500

I really don't know.

286

00:13:51,500 --> 00:13:53,500

Well, you're about to find out

287

00:13:53,500 --> 00:13:56,500

as the first set of our 10 volunteers has arrived

288

00:13:56,500 --> 00:13:59,500

for a very strange meet and greet.

289

00:13:59,500 --> 00:14:00,500

Addie.

290

00:14:01,500 --> 00:14:05,500

In order to put our test subjects in a proper frame of mind for this experiment,

291

00:14:05,500 --> 00:14:07,500

we want them just a little bit spooked.

292

00:14:07,500 --> 00:14:10,500

And in that vein, we're having the local groundskeeper give them the lowdown

293

00:14:10,500 --> 00:14:13,500

of what they can expect when they're participating in this experiment.

294

00:14:13,500 --> 00:14:16,500

He's going to tell them that of the four cabins they're looking at,

295

00:14:16,500 --> 00:14:18,500

one of them had something bad happen in it.

296

00:14:18,500 --> 00:14:20,500

But it's all totally made up.

297

00:14:20,500 --> 00:14:22,500

Even the groundskeeper is made up.

298

00:14:22,500 --> 00:14:25,500

We've got 130 cabins up here.

299

00:14:25,500 --> 00:14:26,500

He is.

300

00:14:26,500 --> 00:14:29,500

Although something about him seems strangely familiar.

301

00:14:29,500 --> 00:14:31,500

You're going to look at four of them,

302

00:14:31,500 --> 00:14:34,500

and one of those four, something bad happened.

303

00:14:34,500 --> 00:14:38,500

Now, we'd like to know if you're sensitive enough to tell us which one.

304

00:14:38,500 --> 00:14:39,500

Thank you.

305

00:14:41,500 --> 00:14:47,500

Now, remember the 19 hertz frequency is too low to be detected by the human ear.

306

00:14:47,500 --> 00:14:52,500

But will the wave produced be so unsettling that it convinces our volunteers

307

00:14:52,500 --> 00:14:55,500

that cabin three is haunted?

308

00:14:55,500 --> 00:14:59,500

Shall we unleash the contestants on our fear pray?

309

00:14:59,500 --> 00:15:00,500

One at a time.

310

00:15:00,500 --> 00:15:01,500

Okay.

311

00:15:02,500 --> 00:15:04,500

Let's bring out the first contestant.

312

00:15:04,500 --> 00:15:09,500

And that first contestant is Tiffany, who heads to cabin number one.

313

00:15:10,500 --> 00:15:12,500

Yes, we're staring at you.

314

00:15:12,500 --> 00:15:14,500

We're all staring at you.

315

00:15:14,500 --> 00:15:16,500

How do you like that?

316

00:15:16,500 --> 00:15:19,500

Where she sits silently for three minutes,

317

00:15:19,500 --> 00:15:23,500

until Adam gives the command to move to cabin two.

318

00:15:23,500 --> 00:15:25,500

Three, two.

319

00:15:31,500 --> 00:15:33,500

It's like a remote control toy.

320

00:15:33,500 --> 00:15:35,500

Switching to feed number two.

321

00:15:35,500 --> 00:15:38,500

And then after another three minutes,

322

00:15:38,500 --> 00:15:41,500

she moves on to cabin number three.

323

00:15:41,500 --> 00:15:43,500

Switching to feed number three.

324

00:15:43,500 --> 00:15:46,500

Confirmed for me that the sound's on.

325

00:15:46,500 --> 00:15:47,500

I found it on.

326

00:15:47,500 --> 00:15:48,500

Good work. Thank you.

327

00:15:48,500 --> 00:15:52,500

As far as Tiffany is concerned, it's the sound of silence.

328

00:15:52,500 --> 00:15:56,500

But does the suboral sound wave induce fear?

329

00:15:57,500 --> 00:15:59,500

Fifteen seconds.

330

00:16:01,500 --> 00:16:04,500

Well, it certainly seems like she's noticed something.

331

00:16:04,500 --> 00:16:08,500

And after a final three minutes behind door number four,

332

00:16:08,500 --> 00:16:11,500

the question is, which cabin will she pick?

333

00:16:12,500 --> 00:16:14,500

If you had to pick one of these four cabins,

334

00:16:14,500 --> 00:16:16,500

it's the spookiest which one would you pick?

335

00:16:16,500 --> 00:16:17,500

Two.

336

00:16:17,500 --> 00:16:18,500

Two. Can you say why? Do you know why?

337

00:16:18,500 --> 00:16:20,500

It just felt weird.

338

00:16:20,500 --> 00:16:22,500

Felt a little lightheaded when I walked in,

339

00:16:22,500 --> 00:16:25,500

but it just felt really weird.

340

00:16:25,500 --> 00:16:27,500

Tiffany wasn't weirded out by the sound,

341

00:16:27,500 --> 00:16:29,500

but she's just the start,

342

00:16:29,500 --> 00:16:32,500

as each volunteer is klaxon through the cabins.

343

00:16:33,500 --> 00:16:35,500

So, which house?

344

00:16:35,500 --> 00:16:36,500

Two.

345

00:16:36,500 --> 00:16:37,500

I'd have to say it'd be one.

346

00:16:37,500 --> 00:16:38,500

Number one.

347

00:16:38,500 --> 00:16:40,500

All right. Excellent.

348

00:16:40,500 --> 00:16:45,500

But so far, their intuition isn't picking the freaky frequency in cabin number three.

349

00:16:45,500 --> 00:16:48,500

Well, we're halfway through our testing,

350

00:16:48,500 --> 00:16:51,500

and so far, house number three, the one with the sound,

351

00:16:51,500 --> 00:16:54,500

is not outstanding in any way.

352

00:16:54,500 --> 00:16:57,500

It's not looking good for spooky sounds.

353

00:17:03,500 --> 00:17:06,500

Carri, Tori and Grant are sniffing out

354

00:17:06,500 --> 00:17:09,500

if there is a not-so-sweet smell of fear.

355

00:17:09,500 --> 00:17:13,500

And if it exists, can anybody knows it out?

356

00:17:14,500 --> 00:17:15,500

Well, to find out,

357

00:17:15,500 --> 00:17:19,500

Carri's been trapped in a sarcophagus full of scorpions.

358

00:17:19,500 --> 00:17:21,500

Oh my, oh my, oh my!

359

00:17:21,500 --> 00:17:25,500

Because for this test, it's vital that the team feels the fear.

360

00:17:25,500 --> 00:17:28,500

Once we are done torturing each other in the coffin

361

00:17:28,500 --> 00:17:30,500

and collecting the fear sweat,

362

00:17:30,500 --> 00:17:33,500

then we are going to take our control sweat and our fear sweat

363

00:17:33,500 --> 00:17:35,500

and let volunteers smell both of them

364

00:17:35,500 --> 00:17:38,500

and see if they can smell the fear.

365

00:17:42,500 --> 00:17:43,500

And Tori is next.

366

00:17:43,500 --> 00:17:47,500

So what fan-requested nightmare lurks in his fear future?

367

00:17:49,500 --> 00:17:50,500

Okay, Owen.

368

00:17:50,500 --> 00:17:52,500

Bring on the snakes.

369

00:17:52,500 --> 00:17:56,500

One by one, 20 snakes are slithered out onto Tori.

370

00:17:56,500 --> 00:17:58,500

Oh, my gosh.

371

00:17:58,500 --> 00:18:00,500

I'm just going to lay this down right.

372

00:18:00,500 --> 00:18:01,500

Oh!

373

00:18:01,500 --> 00:18:02,500

Oh!

374

00:18:02,500 --> 00:18:03,500

These are the small ones?

375

00:18:03,500 --> 00:18:04,500

These are the little ones.

376

00:18:04,500 --> 00:18:05,500

Oh my God.

377

00:18:08,500 --> 00:18:09,500

Oh, God, it's so big!

378

00:18:09,500 --> 00:18:10,500

It's so big!

379

00:18:10,500 --> 00:18:11,500

Now we're done.

380

00:18:11,500 --> 00:18:15,500

And as the timer starts, Tori's anxiety is clear.

381

00:18:15,500 --> 00:18:18,500

I'm tired of my monkey fighting snakes.

382

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

I'm so tired of my monkey fighting snakes.

383

00:18:20,500 --> 00:18:23,500

I'm so tired of my monkey fighting snakes.

384

00:18:23,500 --> 00:18:27,500

I'm tired of my monkey fighting snakes and this monkey.

385

00:18:27,500 --> 00:18:29,500

There's going to my shirt!

386

00:18:29,500 --> 00:18:30,500

Oh, man!

387

00:18:31,500 --> 00:18:33,500

But as more snakes seek out his body heat,

388

00:18:33,500 --> 00:18:36,500

Tori starts to really lose his cool.

389

00:18:39,500 --> 00:18:40,500

Don't move your chin.

390

00:18:40,500 --> 00:18:41,500

Oh!

391

00:18:41,500 --> 00:18:42,500

Oh, oh, oh!

392

00:18:42,500 --> 00:18:43,500

He wants to say hi.

393

00:18:43,500 --> 00:18:44,500

Oh, my gosh.

394

00:18:44,500 --> 00:18:45,500

He's going to kiss.

395

00:18:45,500 --> 00:18:47,500

He's going to give me a little kisses.

396

00:18:47,500 --> 00:18:49,500

He wants kisses.

397

00:18:49,500 --> 00:18:52,500

Until finally, seven minutes are up.

398

00:18:52,500 --> 00:18:57,500

And Tori can't wait to get every last snake back where it belongs.

399

00:18:57,500 --> 00:18:59,500

He's my friend, or I could get...

400

00:18:59,500 --> 00:19:00,500

He's down my...

401

00:19:00,500 --> 00:19:02,500

Like, yeah, he's in there.

402

00:19:03,500 --> 00:19:06,500

Oh, yeah!

403

00:19:08,500 --> 00:19:10,500

So with Tori's sweat on ice,

404

00:19:10,500 --> 00:19:14,500

the lucky last to face his trial by terror is Grant.

405

00:19:14,500 --> 00:19:16,500

And the news is...

406

00:19:16,500 --> 00:19:17,500

Rats.

407

00:19:18,500 --> 00:19:20,500

Okay, I'm ready to do this.

408

00:19:20,500 --> 00:19:22,500

50 rodents are piled up on Grant.

409

00:19:22,500 --> 00:19:26,500

And then Carrie asks the question Grant didn't want to think about.

410

00:19:26,500 --> 00:19:28,500

Can they burrow in through clothing?

411

00:19:28,500 --> 00:19:30,500

They can burrow through clothing.

412

00:19:30,500 --> 00:19:31,500

They can burrow through walls.

413

00:19:31,500 --> 00:19:32,500

They can burrow through floors.

414

00:19:32,500 --> 00:19:35,500

There's very little in this world that will stop a rat.

415

00:19:35,500 --> 00:19:38,500

Initially, it seems that Grant is being pestered,

416

00:19:38,500 --> 00:19:40,500

but he's not perturbed.

417

00:19:40,500 --> 00:19:42,500

Oh, it's burrowing!

418

00:19:42,500 --> 00:19:43,500

Oh!

419

00:19:44,500 --> 00:19:45,500

Where's it burrowing?

420

00:19:45,500 --> 00:19:46,500

Oh!

421

00:19:46,500 --> 00:19:47,500

Ah!

422

00:19:47,500 --> 00:19:48,500

Ah!

423

00:19:48,500 --> 00:19:49,500

Ah!

424

00:19:50,500 --> 00:19:52,500

I think he likes it.

425

00:19:53,500 --> 00:19:55,500

Maybe we should leave him alone.

426

00:19:55,500 --> 00:19:57,500

No, no, no, get it out!

427

00:19:57,500 --> 00:19:59,500

Should we leave you alone?

428

00:19:59,500 --> 00:20:02,500

But as the time takes on, with the sheer quantity of rats,

429

00:20:02,500 --> 00:20:04,500

the terror takes hold.

430

00:20:04,500 --> 00:20:06,500

You all right? Breathe, just breathe.

431

00:20:06,500 --> 00:20:07,500

Yeah, breathe.

432

00:20:07,500 --> 00:20:08,500

Breathe.

433

00:20:08,500 --> 00:20:09,500

There you go.

434

00:20:09,500 --> 00:20:12,500

And finally, after seven minutes of rat attack,

435

00:20:12,500 --> 00:20:14,500

the rodents are rounded up.

436

00:20:14,500 --> 00:20:15,500

Oh!

437

00:20:15,500 --> 00:20:18,500

And Grant's torture is terminated.

438

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

Uh, it was...

439

00:20:20,500 --> 00:20:23,500

It was scary because it felt like they were biting my hands,

440

00:20:23,500 --> 00:20:26,500

like gnawing on my hands.

441

00:20:26,500 --> 00:20:31,500

And then they were trying to burrow it to different places.

442

00:20:31,500 --> 00:20:33,500

It was not good.

443

00:20:33,500 --> 00:20:34,500

Good.

444

00:20:34,500 --> 00:20:37,500

Somebody hose Grant off, please.

445

00:20:37,500 --> 00:20:39,500

There you go.

446

00:20:39,500 --> 00:20:40,500

Ah!

447

00:20:40,500 --> 00:20:41,500

Ah!

448

00:20:41,500 --> 00:20:44,500

Now, there's no doubt in my mind that all of us were scared.

449

00:20:44,500 --> 00:20:46,500

The real question is,

450

00:20:46,500 --> 00:20:48,500

the sweat that we induced in this experiment,

451

00:20:48,500 --> 00:20:51,500

will our volunteers be able to tell the difference

452

00:20:51,500 --> 00:20:55,500

between this sweat and the sweat we created in the control test?

453

00:21:16,500 --> 00:21:19,500

In the spooktastic Halloween special.

454

00:21:19,500 --> 00:21:20,500

What scares Adam?

455

00:21:20,500 --> 00:21:22,500

I do.

456

00:21:22,500 --> 00:21:25,500

And there's still more tricks and treats to come.

457

00:21:25,500 --> 00:21:27,500

That's the one.

458

00:21:27,500 --> 00:21:28,500

I'll take this one, please.

459

00:21:28,500 --> 00:21:29,500

Wrap it up.

460

00:21:29,500 --> 00:21:33,500

Meanwhile, back at the cabins in the woods,

461

00:21:33,500 --> 00:21:37,500

it feels like something bad happened.

462

00:21:40,500 --> 00:21:44,500

It didn't, but the Mythbusters are testing if a freaky frequency

463

00:21:44,500 --> 00:21:47,500

can persuade their volunteers it did.

464

00:21:47,500 --> 00:21:49,500

Which one felt the spookiest?

465

00:21:49,500 --> 00:21:50,500

Two.

466

00:21:50,500 --> 00:21:54,500

So far, none of the volunteers have picked cabin three

467

00:21:54,500 --> 00:21:56,500

at its haunted 19-hertz hum.

468

00:21:56,500 --> 00:22:01,500

But it seems as though candidate six is slightly spooked.

469

00:22:05,500 --> 00:22:07,500

He just said I get the weirdest feeling.

470

00:22:07,500 --> 00:22:09,500

It's kind of freaky.

471

00:22:09,500 --> 00:22:11,500

Which house do you think was haunted?

472

00:22:11,500 --> 00:22:14,500

If I had to pick one, it'd probably be cabin three, I think.

473

00:22:14,500 --> 00:22:16,500

What was it about it that caught your attention?

474

00:22:16,500 --> 00:22:17,500

I don't know.

475

00:22:17,500 --> 00:22:20,500

Just the way that the flooring looked and everything inside there,

476

00:22:20,500 --> 00:22:24,500

maybe walking around inside there feeling it felt a little different, though, yeah.

477

00:22:24,500 --> 00:22:26,500

One volunteer sensed the sound.

478

00:22:26,500 --> 00:22:30,500

But will that trend continue into the final four?

479

00:22:30,500 --> 00:22:31,500

So your final choice is?

480

00:22:31,500 --> 00:22:32,500

Three.

481

00:22:32,500 --> 00:22:33,500

Number three.

482

00:22:33,500 --> 00:22:34,500

Cool.

483

00:22:34,500 --> 00:22:36,500

So that's two strikes for cabin three.

484

00:22:36,500 --> 00:22:38,500

But as the test continues...

485

00:22:38,500 --> 00:22:41,500

I guess maybe it would have to be one.

486

00:22:41,500 --> 00:22:45,500

Number one is still number one on the spooky chart.

487

00:22:45,500 --> 00:22:46,500

I would say number one.

488

00:22:46,500 --> 00:22:47,500

Fantastic.

489

00:22:47,500 --> 00:22:53,500

And that, it seems, is the final nail in the coffin for this frequency of fear.

490

00:22:53,500 --> 00:22:55,500

Ten tests, ten test subjects.

491

00:22:55,500 --> 00:22:58,500

And I think we can definitively state that cabin three,

492

00:22:58,500 --> 00:23:02,500

the sound we put through it, did not make it the spookiest cabin.

493

00:23:02,500 --> 00:23:05,500

If anything, cabin one was the spookiest cabin.

494

00:23:05,500 --> 00:23:07,500

Cabin four, the least spooky.

495

00:23:07,500 --> 00:23:09,500

Now, this could be because of one of two reasons.

496

00:23:09,500 --> 00:23:13,500

Either because we had everyone enter the cabin's in numerical order,

497

00:23:13,500 --> 00:23:17,500

the newness of the experiment and the weirdness of sitting alone in a room for two minutes

498

00:23:17,500 --> 00:23:21,500

made them most frightened at the beginning and the least frightened at the end.

499

00:23:21,500 --> 00:23:24,500

The other reason is that cabin one could actually be haunted.

500

00:23:24,500 --> 00:23:25,500

But I don't think so.

501

00:23:28,500 --> 00:23:30,500

How do you want to call this one?

502

00:23:30,500 --> 00:23:33,500

Well, number three didn't get a higher score than any of the others.

503

00:23:33,500 --> 00:23:36,500

So, I guess the tone didn't spook anybody.

504

00:23:36,500 --> 00:23:39,500

19 Hertz was definitely not the sound of fear.

505

00:23:39,500 --> 00:23:41,500

What is that over there?

506

00:23:41,500 --> 00:23:42,500

Whoa!

507

00:23:42,500 --> 00:23:43,500

This one!

508

00:23:55,500 --> 00:23:59,500

Characters in horror movies have a nose for trouble.

509

00:23:59,500 --> 00:24:02,500

But does that trouble have a nose?

510

00:24:03,500 --> 00:24:06,500

Is there really a detectable scent of fear?

511

00:24:06,500 --> 00:24:09,500

After their close encounters of the creepy kind,

512

00:24:09,500 --> 00:24:13,500

the mythbusters have some seriously scared sweat samples.

513

00:24:13,500 --> 00:24:17,500

So, for a smell of fear experiment, it'll be double blind,

514

00:24:17,500 --> 00:24:20,500

meaning neither the volunteers nor Tori, who's administering the test,

515

00:24:20,500 --> 00:24:23,500

will know what sample is what.

516

00:24:23,500 --> 00:24:27,500

Now, each volunteer will be given two jars, A and a B.

517

00:24:27,500 --> 00:24:29,500

There are four possibilities.

518

00:24:29,500 --> 00:24:33,500

Either A has the fear, B has the fear.

519

00:24:33,500 --> 00:24:37,500

They both have the fear, or neither has fear in it.

520

00:24:37,500 --> 00:24:39,500

What'll happen is they'll mark down the results

521

00:24:39,500 --> 00:24:42,500

and at the end, we'll tally everything and see how they did.

522

00:24:42,500 --> 00:24:46,500

One by one, the secretion sniffers are brought in.

523

00:24:46,500 --> 00:24:48,500

Take a nice deep breath.

524

00:24:48,500 --> 00:24:52,500

And like an olfactory factory line, the test runs smoothly.

525

00:24:52,500 --> 00:24:56,500

And the volunteers nose out that aroma of anxiety.

526

00:24:56,500 --> 00:24:57,500

Alright, so we're halfway done.

527

00:24:57,500 --> 00:25:00,500

And the good news is we've got three right.

528

00:25:00,500 --> 00:25:03,500

The bad news is that's out of 36.

529

00:25:03,500 --> 00:25:05,500

So it's not looking good for the myth so far.

530

00:25:05,500 --> 00:25:06,500

It's not looking good.

531

00:25:06,500 --> 00:25:10,500

And after another six volunteers and 36 tests...

532

00:25:10,500 --> 00:25:13,500

I think my nostril hairs are starting to burn.

533

00:25:13,500 --> 00:25:16,500

It seems that when it comes to smelling fear,

534

00:25:16,500 --> 00:25:19,500

it's not as easy as the myth would have you believe.

535

00:25:19,500 --> 00:25:23,500

Now, remember we had 12 volunteers, we put them through six tests each.

536

00:25:23,500 --> 00:25:26,500

Now, let's just say, hypothetically speaking,

537

00:25:26,500 --> 00:25:31,500

if they were randomly guessing, just write it down any number that they thought.

538

00:25:31,500 --> 00:25:34,500

They'd have a one in four chance of getting the right answer.

539

00:25:34,500 --> 00:25:40,500

Average over six tests, it gives you 1.5 or somewhere between one and two right answers.

540

00:25:40,500 --> 00:25:44,500

Our volunteers got somewhere between one and two right answers.

541

00:25:44,500 --> 00:25:49,500

So basically, they didn't do any better than if they were randomly guessing.

542

00:25:49,500 --> 00:25:51,500

What does this mean?

543

00:25:51,500 --> 00:25:55,500

Well, if there is a smell to fear, the average person can't smell it.

544

00:25:55,500 --> 00:26:00,500

Clearly, the average nose is altogether too average to smell the fear.

545

00:26:00,500 --> 00:26:03,500

But what about an expert nose?

546

00:26:05,500 --> 00:26:10,500

Enter Pamela Dalton, odor scientist and a real authority.

547

00:26:10,500 --> 00:26:12,500

Pamela, so you are an expert nose.

548

00:26:12,500 --> 00:26:14,500

Can you tell us a little bit about your background?

549

00:26:14,500 --> 00:26:20,500

Well, I'm a scientist who studies how people smell odors and how that makes them behave or feel.

550

00:26:20,500 --> 00:26:25,500

And so in the context of that, I've smelled a lot of different odors over my career.

551

00:26:25,500 --> 00:26:29,500

All right, well, it's time for us to put you to the test. You ready?

552

00:26:29,500 --> 00:26:30,500

I am.

553

00:26:30,500 --> 00:26:35,500

Just like the volunteers, Pamela takes a sample sniff and writes down her answers.

554

00:26:35,500 --> 00:26:37,500

Have they told you where we've collected our samples from?

555

00:26:37,500 --> 00:26:43,500

But unlike the volunteers, Pamela seems to know exactly what she's smelling.

556

00:26:43,500 --> 00:26:45,500

That's a true professional at work.

557

00:26:45,500 --> 00:26:49,500

In fact, after six tests, the results are startling.

558

00:26:49,500 --> 00:26:51,500

That's five out of six.

559

00:26:51,500 --> 00:26:55,500

Dude, that's 83%. There's no guessing involved here. She knows.

560

00:26:55,500 --> 00:27:01,500

Yep, because the chances of Pamela guessing right five out of six times are three in a thousand.

561

00:27:01,500 --> 00:27:05,500

Which means this myth just want to reprieve.

562

00:27:05,500 --> 00:27:07,500

Clearly, Pamela aced that test.

563

00:27:07,500 --> 00:27:10,500

But now we want to put her nose to the ultimate challenge.

564

00:27:10,500 --> 00:27:14,500

We want to see if she can pick out one fear sample amongst 20.

565

00:27:14,500 --> 00:27:17,500

Now, unfortunately, that fear sample has to come from someone.

566

00:27:17,500 --> 00:27:20,500

And that someone turns out to be me.

567

00:27:20,500 --> 00:27:23,500

Looks like Cary and Grant are going to get a chance to scare the crap out of me.

568

00:27:26,500 --> 00:27:30,500

Busting myths can be very dangerous work and we are trained professionals.

569

00:27:30,500 --> 00:27:35,500

So please do not try anything you see on this show at home or anywhere for that matter.

570

00:27:36,500 --> 00:27:40,500

Next, Adam and Jamie have a myth of grave concern.

571

00:27:40,500 --> 00:27:43,500

So how do you want to test dead body disposal?

572

00:27:43,500 --> 00:27:47,500

Well, you know in the movies they're always making it so easy to drag these bodies around.

573

00:27:47,500 --> 00:27:50,500

They're like pulling them upstairs, putting them in closets.

574

00:27:50,500 --> 00:27:53,500

Right, they roll them up in a carpet and shove them in the trunk of a car.

575

00:27:53,500 --> 00:27:59,500

Exactly. So why don't we set up some sort of an obstacle course where we do that with these bodies?

576

00:27:59,500 --> 00:28:02,500

Dead body disposal Olympics. I love it. You know what we should finish with?

577

00:28:02,500 --> 00:28:07,500

Digging a shallow grave. They always make that look like it happens in just a few minutes in the movies.

578

00:28:07,500 --> 00:28:08,500

And I'll bet it's harder.

579

00:28:08,500 --> 00:28:13,500

But the thing is that you know this isn't just about the weight. It's also about the shape of these bodies.

580

00:28:13,500 --> 00:28:17,500

So we really need to have a pretty good human analog.

581

00:28:17,500 --> 00:28:18,500

You're totally right.

582

00:28:20,500 --> 00:28:23,500

The Hollywood body of evidence is clear.

583

00:28:23,500 --> 00:28:27,500

Moving, hiding and disposing, it's all dead easy.

584

00:28:27,500 --> 00:28:31,500

But could you actually carry it off in reality?

585

00:28:32,500 --> 00:28:34,500

Well, to find that out...

586

00:28:35,500 --> 00:28:36,500

Are you ready for the horror?

587

00:28:39,500 --> 00:28:44,500

They've got this. A super realistic simulated cadaver. Or...

588

00:28:44,500 --> 00:28:45,500

Sindaver.

589

00:28:45,500 --> 00:28:51,500

Our Sindaver is a fantastic human analog, but I'm going to wrap it in some cling wrap just to keep all this bits together.

590

00:28:51,500 --> 00:28:57,500

With the 150 pound Sindaver all wrapped up, the dress code is John Doe.

591

00:28:57,500 --> 00:28:58,500

Excellent.

592

00:28:59,500 --> 00:29:00,500

There we go.

593

00:29:01,500 --> 00:29:02,500

Ugh.

594

00:29:05,500 --> 00:29:11,500

Then it's off to an abandoned warehouse where their classic crime scene obstacle course awaits.

595

00:29:14,500 --> 00:29:18,500

Let me walk you through the stations of our dead body disposal test.

596

00:29:18,500 --> 00:29:23,500

It all begins here at the Last Supper where our body lies dead at a table having been poisoned.

597

00:29:23,500 --> 00:29:27,500

We will then drag and transfer our body from the table.

598

00:29:27,500 --> 00:29:29,500

I said we will transfer the body.

599

00:29:30,500 --> 00:29:33,500

From the table over to the skeletons in a closet station.

600

00:29:33,500 --> 00:29:36,500

In this, we shove the body in a closet. Go on.

601

00:29:36,500 --> 00:29:38,500

Until we can close the door.

602

00:29:38,500 --> 00:29:40,500

Once we can close the door, we're done with that.

603

00:29:40,500 --> 00:29:44,500

We open it back up, drag the body back out and it's time for defenestration.

604

00:29:44,500 --> 00:29:47,500

Now defenestration means to throw something through a window.

605

00:29:47,500 --> 00:29:49,500

Go on. That's exactly what we're going to do here.

606

00:29:49,500 --> 00:29:51,500

We're going to throw the body through the window.

607

00:29:51,500 --> 00:29:52,500

Nice work.

608

00:29:52,500 --> 00:29:55,500

Once it's through the window, it's time for the stairway to heaven.

609

00:29:55,500 --> 00:29:59,500

In the stairway to heaven, we drag the body up the stairs.

610

00:29:59,500 --> 00:30:00,500

You've seen that in the movies.

611

00:30:00,500 --> 00:30:04,500

Across the platform, then we drag the body back down the stairs.

612

00:30:04,500 --> 00:30:09,500

Once we've gotten the body through the stairway to heaven station, it's time for snug as a bug in a rug.

613

00:30:09,500 --> 00:30:10,500

Go on.

614

00:30:10,500 --> 00:30:11,500

It's snug as a bug in a rug.

615

00:30:11,500 --> 00:30:13,500

We roll the body in a carpet.

616

00:30:13,500 --> 00:30:16,500

That is definitely something I've seen in like countless films.

617

00:30:16,500 --> 00:30:21,500

Once the body is fully rolled in the carpet, we drag it over to the trunk of a car where we will drive it

618

00:30:21,500 --> 00:30:23,500

so we can bury it in a shallow grave.

619

00:30:25,500 --> 00:30:27,500

That's the third one.

620

00:30:28,500 --> 00:30:33,500

I'd assume that carrying around 150 pound dummy is going to be difficult because it's going to be really awkward.

621

00:30:33,500 --> 00:30:40,500

With that in mind, I've set this 150 pound wad of chain up with handles on it and we'll use this as a control

622

00:30:40,500 --> 00:30:45,500

and carry it through our obstacle courses at baseline and see how long it takes.

623

00:30:45,500 --> 00:30:51,500

So before the stiff challenge, they'll get a control with an identical mass.

624

00:30:52,500 --> 00:30:54,500

Oh, that's heavy.

625

00:30:54,500 --> 00:30:56,500

Oh, gosh.

626

00:30:56,500 --> 00:30:59,500

Adam makes it through the defenestration easily.

627

00:30:59,500 --> 00:31:00,500

All right.

628

00:31:00,500 --> 00:31:04,500

But it proves to be a window of vulnerability for the Heineman.

629

00:31:13,500 --> 00:31:18,500

And while Jamie's struggling, Adam has lurched over the stairs.

630

00:31:20,500 --> 00:31:22,500

I'm the ghost of Christmas fast.

631

00:31:22,500 --> 00:31:28,500

As you'd expect, maneuvering a solid 150 pound weight takes its toll on them both.

632

00:31:29,500 --> 00:31:32,500

And their mafia stamina starts to fade.

633

00:31:33,500 --> 00:31:37,500

I don't even know how to lift this. Actually, here we go.

634

00:31:37,500 --> 00:31:41,500

Dragging, dragging into the car.

635

00:31:41,500 --> 00:31:43,500

But eventually...

636

00:31:47,500 --> 00:31:48,500

Time!

637

00:31:48,500 --> 00:31:53,500

Adam made it through in just over three minutes and Jamie follows shortly after.

638

00:31:55,500 --> 00:31:56,500

Done.

639

00:31:57,500 --> 00:31:59,500

Four minutes, 33 seconds.

640

00:32:00,500 --> 00:32:04,500

That's harder than it looks. I lost it on the window.

641

00:32:04,500 --> 00:32:10,500

I think I spent a full extra minute there. Otherwise, Adam and I would have been about the same at three minutes.

642

00:32:10,500 --> 00:32:13,500

I think that's a fair figure to apply towards this.

643

00:32:13,500 --> 00:32:18,500

Those are the control figures. But how will they compare when they bring out their dead?

644

00:32:21,500 --> 00:32:22,500

Sample A.

645

00:32:22,500 --> 00:32:28,500

Although the average Joe can't smell it, it seems our odor authority can detect the smell of fear.

646

00:32:28,500 --> 00:32:29,500

That's 83%.

647

00:32:29,500 --> 00:32:33,500

But now to put that expert schnauz to the ultimate test.

648

00:32:34,500 --> 00:32:36,500

God, these stairs do not stop.

649

00:32:36,500 --> 00:32:40,500

So in order to complete our experiment, we need new, fierce, wet samples.

650

00:32:40,500 --> 00:32:43,500

Samples are no longer violent. And that's why we're here.

651

00:32:43,500 --> 00:32:46,500

At the Moaning Cavern!

652

00:32:47,500 --> 00:32:51,500

In Calaveras County, California. So we need to take this to the next level.

653

00:32:51,500 --> 00:32:54,500

More scary than snakes, or scorpions, or even rats.

654

00:32:54,500 --> 00:32:59,500

This cavern is 17 stories deep. Basically the height of the Statue of Liberty.

655

00:32:59,500 --> 00:33:06,500

Tore is going to rappel down through a tight dark space at the top, all the way down to the bottom of this cavern.

656

00:33:07,500 --> 00:33:09,500

Is it too late to change my mind?

657

00:33:09,500 --> 00:33:10,500

Indeed.

658

00:33:10,500 --> 00:33:13,500

Tore's acrophobia is Mythbusters legend.

659

00:33:13,500 --> 00:33:15,500

Oh, man.

660

00:33:15,500 --> 00:33:18,500

There's been blood, and a few tears.

661

00:33:20,500 --> 00:33:25,500

Which makes him the perfect candidate for this ultimate cold sweat challenge.

662

00:33:25,500 --> 00:33:27,500

I don't know if I'll be able to do this.

663

00:33:28,500 --> 00:33:30,500

Everybody will see at the bottom.

664

00:33:31,500 --> 00:33:32,500

Maybe.

665

00:33:32,500 --> 00:33:39,500

It's one small step for Tore, and one massive fear inducing descent for this Mythbuster.

666

00:33:39,500 --> 00:33:40,500

You can do it.

667

00:33:40,500 --> 00:33:41,500

Shut up.

668

00:33:41,500 --> 00:33:43,500

It's already freaking out.

669

00:33:47,500 --> 00:33:50,500

It's like all tangled.

670

00:33:57,500 --> 00:34:01,500

I know some people enjoy this, but I'm not one of those people.

671

00:34:03,500 --> 00:34:06,500

It's all work and no play for Tore.

672

00:34:06,500 --> 00:34:09,500

I've never seen Tore panic like this before.

673

00:34:09,500 --> 00:34:12,500

He's cool in every situation. He's freaking out.

674

00:34:13,500 --> 00:34:15,500

Everybody has to have weakness.

675

00:34:17,500 --> 00:34:19,500

Who taught me into this?

676

00:34:22,500 --> 00:34:27,500

And eventually, after 170 feet of pure terror...

677

00:34:27,500 --> 00:34:31,500

Bring it over, and you're on solid ground.

678

00:34:32,500 --> 00:34:34,500

He gets back to Terra Ferma.

679

00:34:34,500 --> 00:34:37,500

That scared the crap out of me.

680

00:34:37,500 --> 00:34:42,500

There was a point where my ropes were tangled up there, and my arm was getting caught in the ropes,

681

00:34:42,500 --> 00:34:44,500

and I started slipping.

682

00:34:44,500 --> 00:34:48,500

I've never been more terrified on the show than this moment right now.

683

00:34:48,500 --> 00:34:49,500

So you take the snakes any day?

684

00:34:49,500 --> 00:34:50,500

I'll take the snakes any day.

685

00:34:50,500 --> 00:34:53,500

With Tore's sample bagged and tagged...

686

00:34:53,500 --> 00:34:55,500

He scared the crap out of me.

687

00:34:55,500 --> 00:34:56,500

Into the freezer.

688

00:34:56,500 --> 00:34:57,500

Back to the shop.

689

00:34:57,500 --> 00:35:03,500

The jars are lined up, and it's time to put Pamela's nose to the ultimate test.

690

00:35:03,500 --> 00:35:05,500

Where's the fear? Where's the fear? Where's the fear?

691

00:35:05,500 --> 00:35:07,500

I don't know either.

692

00:35:07,500 --> 00:35:11,500

Okay, we have 20 samples, but only one is our fear sample.

693

00:35:11,500 --> 00:35:12,500

Good luck. Thank you.

694

00:35:15,500 --> 00:35:20,500

With the sheer volume of sweat samples, Pamela takes her time.

695

00:35:20,500 --> 00:35:24,500

Double sniffing some, and short listing a few.

696

00:35:24,500 --> 00:35:27,500

She's made a few selects so far.

697

00:35:27,500 --> 00:35:31,500

Finally, we found someone with a grosser job than us.

698

00:35:31,500 --> 00:35:36,500

And after 10 minutes on the scent, has Pamela sniffed out Tore's fear.

699

00:35:36,500 --> 00:35:41,500

Alright, so it looks like you've narrowed it down to three. Do you think you can smell fear?

700

00:35:41,500 --> 00:35:46,500

Well, of the three that I picked out first, I think this one smells the most like fear to me.

701

00:35:46,500 --> 00:35:47,500

Number 17.

702

00:35:47,500 --> 00:35:48,500

Number 17.

703

00:35:48,500 --> 00:35:51,500

Okay, the fear sample was five.

704

00:35:52,500 --> 00:35:56,500

But I have to say, based on the last test where you got five out of six right,

705

00:35:56,500 --> 00:36:00,500

I think we can still call this one plausible. Difficult, but plausible.

706

00:36:00,500 --> 00:36:06,500

It's definitely possible. It just takes years of training, and you have to get your nose right up in that sample.

707

00:36:06,500 --> 00:36:08,500

Right up in there, unfortunately.

708

00:36:08,500 --> 00:36:09,500

The smell of fear.

709

00:36:09,500 --> 00:36:10,500

The smell of fear.

710

00:36:22,500 --> 00:36:27,500

We are here at the Winchester Mystery House in San Jose, California.

711

00:36:27,500 --> 00:36:33,500

This 160 room mansion was home to Sarah Winchester,

712

00:36:33,500 --> 00:36:38,500

the widow of the man who made his fortune off the Winchester rifle.

713

00:36:38,500 --> 00:36:39,500

What was that?

714

00:36:39,500 --> 00:36:45,500

She built this house to ward off the spirits of all the people that were killed by the rifle.

715

00:36:45,500 --> 00:36:48,500

This is creepy.

716

00:36:49,500 --> 00:36:55,500

And it is said this house is still haunted by those spirits even a hundred years after her death.

717

00:37:07,500 --> 00:37:12,500

According to this movie myth, moving a dead body is dead easy.

718

00:37:12,500 --> 00:37:16,500

However, it's far from simple to move a dead weight.

719

00:37:16,500 --> 00:37:21,500

So will it be a stiffer competition with the eerily realistic body?

720

00:37:21,500 --> 00:37:24,500

I have to say, I was spent by moving around 150 pounds,

721

00:37:24,500 --> 00:37:27,500

and I thought that was going to be the easy part of the test.

722

00:37:27,500 --> 00:37:31,500

Now, I am totally not so sure.

723

00:37:31,500 --> 00:37:34,500

But there's only one way to find out. Here we go.

724

00:37:34,500 --> 00:37:37,500

Alright, Jamie, I'm ready.

725

00:37:37,500 --> 00:37:40,500

Three, two, one, go.

726

00:37:40,500 --> 00:37:42,500

Here we go. Come on, buddy.

727

00:37:42,500 --> 00:37:44,500

Into the closet with you.

728

00:37:46,500 --> 00:37:50,500

From the start, Adam has little difficulty maneuvering John Doe.

729

00:37:50,500 --> 00:37:52,500

Okay, here we go.

730

00:37:52,500 --> 00:37:54,500

To the window.

731

00:37:54,500 --> 00:37:58,500

Because although it weighs the same 150 pounds of the control,

732

00:37:58,500 --> 00:38:01,500

Here we go. To the stairs.

733

00:38:01,500 --> 00:38:03,500

the distribution of that weight.

734

00:38:03,500 --> 00:38:06,500

He's going much faster.

735

00:38:06,500 --> 00:38:11,500

means Adam is getting the body through the course dead fast.

736

00:38:11,500 --> 00:38:14,500

Time!

737

00:38:14,500 --> 00:38:17,500

Well, shut my mouth.

738

00:38:17,500 --> 00:38:22,500

I swear that was far easier than moving around a solid 150 pound weight.

739

00:38:22,500 --> 00:38:24,500

Far easier.

740

00:38:24,500 --> 00:38:27,500

In fact, Adam got his stiff through the obstacles

741

00:38:27,500 --> 00:38:29,500

in less than half the time of his control.

742

00:38:29,500 --> 00:38:33,500

We've never had a physical analog as good as the Sndaver.

743

00:38:33,500 --> 00:38:37,500

And the thing about it being so good is it feels just like moving around a real body.

744

00:38:37,500 --> 00:38:39,500

Not that I've ever done that.

745

00:38:39,500 --> 00:38:41,500

It was just creepy.

746

00:38:42,500 --> 00:38:44,500

I'm glad to be done with this test.

747

00:38:44,500 --> 00:38:45,500

Are you glad to be done?

748

00:38:45,500 --> 00:38:46,500

Yes.

749

00:38:46,500 --> 00:38:47,500

I'm done.

750

00:38:47,500 --> 00:38:49,500

Alright, let's go.

751

00:38:50,500 --> 00:38:53,500

So now it's the Heinemann's turn at body disposal.

752

00:38:53,500 --> 00:38:57,500

In three, two, one.

753

00:39:00,500 --> 00:39:01,500

Boink.

754

00:39:01,500 --> 00:39:04,500

Before you know it, John Doe is out of the closet.

755

00:39:04,500 --> 00:39:06,500

Now onto the window.

756

00:39:06,500 --> 00:39:09,500

And through the window.

757

00:39:09,500 --> 00:39:11,500

Nice form.

758

00:39:11,500 --> 00:39:14,500

Because his human form...

759

00:39:14,500 --> 00:39:17,500

Oh, he's doing an interesting carpet technique.

760

00:39:17,500 --> 00:39:19,500

...makes hauling him into the trunk.

761

00:39:19,500 --> 00:39:22,500

The feet are sticking out of the carpet.

762

00:39:22,500 --> 00:39:23,500

That looks great.

763

00:39:23,500 --> 00:39:25,500

Far easier than the control.

764

00:39:28,500 --> 00:39:29,500

Done.

765

00:39:29,500 --> 00:39:30,500

Time!

766

00:39:33,500 --> 00:39:35,500

That had to be a lot quicker.

767

00:39:35,500 --> 00:39:40,500

At one minute and 55 seconds, Jamie also halved his baseline.

768

00:39:40,500 --> 00:39:44,500

A result that's turned the Heinemann's expectation on its head.

769

00:39:44,500 --> 00:39:45,500

Here's the thing.

770

00:39:45,500 --> 00:39:49,500

I can pick up a 150 pound barbell off the ground, no problem.

771

00:39:49,500 --> 00:39:51,500

It's got a good handle on it.

772

00:39:51,500 --> 00:39:53,500

I'm strong enough to do that.

773

00:39:53,500 --> 00:39:58,500

On the other hand, if I want to put that 150 pound barbell on my shoulder,

774

00:39:58,500 --> 00:40:02,500

it's a lot more difficult because it's sort of an all or nothing attempt,

775

00:40:02,500 --> 00:40:07,500

as opposed to the body, which I can pull up an arm or a leg or a torso at a time

776

00:40:07,500 --> 00:40:10,500

and work them through a window or into a trunk.

777

00:40:10,500 --> 00:40:15,500

So for this type of task, it's actually a lot easier to maneuver a body,

778

00:40:15,500 --> 00:40:17,500

and that really surprises us.

779

00:40:18,500 --> 00:40:21,500

So the movie's depiction of moving bodies around?

780

00:40:21,500 --> 00:40:23,500

Surprisingly plausible.

781

00:40:23,500 --> 00:40:25,500

For once they got it right.

782

00:40:25,500 --> 00:40:27,500

Indeed they did. Let's go bury the evidence.

783

00:40:27,500 --> 00:40:28,500

All right.

784

00:40:28,500 --> 00:40:35,500

It may be plausible, but being able to move a body doesn't mean you can actually get away with

murder.

785

00:40:38,500 --> 00:40:40,500

This place looks great.

786

00:40:40,500 --> 00:40:42,500

Nice place to be buried at.

787

00:40:42,500 --> 00:40:45,500

I think it's a fine place to be buried.

788

00:40:51,500 --> 00:40:52,500

All right.

789

00:40:53,500 --> 00:40:58,500

And now the final macabre myth of this Mythbusters Halloween special.

790

00:40:58,500 --> 00:41:00,500

This looks about right.

791

00:41:01,500 --> 00:41:07,500

According to the movies, you can dig a shallow grave in 20 minutes flat,

792

00:41:07,500 --> 00:41:10,500

but just how shallow is shallow?

793

00:41:10,500 --> 00:41:14,500

Now for us, that puts it down at about two feet deep.

794

00:41:14,500 --> 00:41:16,500

So that's how deep we're going to dig our graves.

795

00:41:16,500 --> 00:41:19,500

That two foot target seems simple enough.

796

00:41:19,500 --> 00:41:23,500

Until you run up against the reality of solid earth.

797

00:41:23,500 --> 00:41:26,500

I'm having to take little chunks at a time.

798

00:41:26,500 --> 00:41:29,500

This is going to take me hours.

799

00:41:30,500 --> 00:41:35,500

Yep, even a shirtless Heinemann isn't able to match the mythical 20 minutes.

800

00:41:35,500 --> 00:41:40,500

The annoying thing about doing this is that I know for a fact,

801

00:41:40,500 --> 00:41:45,500

it would take me one scoop of a backcoat to do the same job.

802

00:41:45,500 --> 00:41:48,500

Take all of 30 seconds.

803

00:41:49,500 --> 00:41:51,500

That's a little over two feet.

804

00:41:51,500 --> 00:41:54,500

I think that ought to be deep enough to keep the animals from getting at them.

805

00:41:54,500 --> 00:41:56,500

Time to chuck them in.

806

00:41:56,500 --> 00:42:01,500

And after over two hours of digging the dirt, the myth is clearly busted.

807

00:42:01,500 --> 00:42:06,500

I wish we had picked a place with nice, soft, lummy dirt.

808

00:42:06,500 --> 00:42:10,500

So all that remains is to close out the show.

809

00:42:10,500 --> 00:42:13,500

Well, we hope you've enjoyed the Mythbusters Halloween special.

810

00:42:13,500 --> 00:42:15,500

Jamie, give them your Halloween wishes.

811

00:42:15,500 --> 00:42:18,500

May your corpses be light and your dirt be soft.

812

00:42:18,500 --> 00:42:20,500

Indeed. Happy Halloween.

813

00:42:48,500 --> 00:42:52,500

And now, let's turn them into assassins by brainwashing them.

814

00:42:54,500 --> 00:42:58,500

For the first time, Curiosity brings leading scientists together

815

00:42:58,500 --> 00:43:04,500

to probe the limits of free will and challenge the wildest claims of conspiracy theorists.

816

00:43:04,500 --> 00:43:09,500

Now, they attempt to answer a question that's haunted psychologists for over a century.

817

00:43:09,500 --> 00:43:12,500

Can the human mind be programmed?

818

00:43:12,500 --> 00:43:14,500

Can we be brainwashed?

819

00:43:14,500 --> 00:43:16,500

To kill.

820

00:43:18,500 --> 00:43:29,500

Curiosity is presented by Nissan. Innovation that excites.