

1

00:00:00,000 --> 00:00:04,000

Don't try what you're about to see at home.

2

00:00:04,000 --> 00:00:06,000

We are what you call experts.

3

00:00:11,000 --> 00:00:14,000

On this predatory episode of Mythbusters,

4

00:00:14,000 --> 00:00:17,000

it's a Jawsome Shark special.

5

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

Nothing's just a threat!

6

00:00:18,000 --> 00:00:25,000

Adam and Jamie take the pledge to celebrate their most epic shark adventures of all time.

7

00:00:25,000 --> 00:00:28,000

I'm gonna commit urinating in my workload, okay?

8

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

With scenes from Jaws.

9

00:00:32,000 --> 00:00:35,000

I saw Jaws. That didn't bother me at all.

10

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

And real life.

11

00:00:39,000 --> 00:00:45,000

The guys count down the 25 most spectacular shark myths in Mythbusters history.

12

00:00:47,000 --> 00:00:49,000

And the shark-chart topper?

13

00:00:49,000 --> 00:00:53,000

Well, let's just say it's the ultimate twist in the tale.

14

00:00:53,000 --> 00:00:55,000

Right now, ready?

15

00:00:55,000 --> 00:00:57,000

I'm on my way.

16

00:00:57,000 --> 00:00:59,000

In your face, sharks.

17

00:01:02,000 --> 00:01:04,000

Who are the Mythbusters?

18

00:01:04,000 --> 00:01:05,000

Adam Savage.

19

00:01:05,000 --> 00:01:07,000

70% chance of science.

20

00:01:07,000 --> 00:01:09,000

And Jamie Heineman.

21

00:01:09,000 --> 00:01:11,000

Is that hot enough for ya?

22

00:01:11,000 --> 00:01:16,000

Between them more than 30 years of special effects experience,

23

00:01:16,000 --> 00:01:18,000

together with Tori Belleggi.

24

00:01:18,000 --> 00:01:19,000

Why are we doing this?

25

00:01:19,000 --> 00:01:21,000

Grant Imahara.

26

00:01:21,000 --> 00:01:23,000

That was pretty cool.

27

00:01:23,000 --> 00:01:24,000

And Carrie Byron.

28

00:01:24,000 --> 00:01:25,000

Let's do it.

29

00:01:25,000 --> 00:01:27,000

They don't just tell the myths.

30

00:01:28,000 --> 00:01:30,000

They put them to the test.

31

00:01:44,000 --> 00:01:46,000

Can you tell why I'm excited?

32

00:01:46,000 --> 00:01:47,000

Because you got a new bath toy?

33

00:01:47,000 --> 00:01:48,000

I did.

34

00:01:48,000 --> 00:01:52,000

But more importantly, this is a signifier that it is my favorite week of the year.

35

00:01:52,000 --> 00:01:53,000

Come on, you know it.

36

00:01:53,000 --> 00:01:54,000

It's Shark Week.

37

00:01:54,000 --> 00:01:59,000

And not only any Shark Week, this is actually the 25th anniversary of Shark Week.

38

00:01:59,000 --> 00:02:02,000

So it started all the way back in 1988?

39

00:02:02,000 --> 00:02:06,000

Yup, back when I was in my 20s and you were somewhere in your 70s,

40

00:02:06,000 --> 00:02:10,000

Discovery started this entire phenomenon with this special, sharks.

41

00:02:10,000 --> 00:02:12,000

Predator or prey.

42

00:02:12,000 --> 00:02:16,000

Followed closely by The Shark Takes a Siesta.

43

00:02:16,000 --> 00:02:19,000

And who can forget specials like Air Jaws?

44

00:02:19,000 --> 00:02:20,000

Anatomy of a Shark Bite.

45

00:02:20,000 --> 00:02:23,000

What about Ocean of Fear?

46

00:02:23,000 --> 00:02:28,000

Well, let's not forget that Mythbusters did some shark specials as well.

47

00:02:28,000 --> 00:02:31,000

We did, and in fact, that is exactly why we're here.

48

00:02:31,000 --> 00:02:33,000

We've tested dozens of shark myths.

49

00:02:33,000 --> 00:02:37,000

We're going to count down our top 25 in honor of the 25th anniversary.

50

00:02:37,000 --> 00:02:39,000

Some moldies, but goodies, some never-before-seen.

51

00:02:39,000 --> 00:02:41,000

We're going to show some behind-the-scenes footage.

52

00:02:41,000 --> 00:02:45,000

I really can't say anything more except it's going to be awesome.

53

00:02:47,000 --> 00:02:50,000

With the Mac catalog to rival Shark Week itself...

54

00:02:50,000 --> 00:02:51,000

Yeah!

55

00:02:51,000 --> 00:02:54,000

I'm going to come in serenading in my last suit, okay?

56

00:02:54,000 --> 00:02:59,000

Adam and Jamie are ready to reveal their top 25 most epic adventures.

57

00:02:59,000 --> 00:03:00,000

Whoa!

58

00:03:00,000 --> 00:03:02,000

...where thrills,

59

00:03:03,000 --> 00:03:04,000

spills,

60

00:03:05,000 --> 00:03:09,000

and ills are all on the menu.

61

00:03:09,000 --> 00:03:11,000

Nothing to test me!

62

00:03:11,000 --> 00:03:15,000

Start with such a smorgasbord to select from.

63

00:03:15,000 --> 00:03:17,000

Where to first?

64

00:03:23,000 --> 00:03:25,000

I remember when Jaws came out.

65

00:03:25,000 --> 00:03:29,000

I didn't see it in its initial release because I was, I think, 10.

66

00:03:29,000 --> 00:03:32,000

That was just too little, but a couple years later they re-released it,

67

00:03:32,000 --> 00:03:36,000

and I went and saw it because I thought I was old enough and I was totally wrong.

68

00:03:36,000 --> 00:03:41,000

I ran screaming from the theater about 25 minutes in.

69

00:03:45,000 --> 00:03:50,000

It's really hard to explain how much that movie and the fear of the water

70

00:03:50,000 --> 00:03:53,000

infected everyone at that time.

71

00:03:53,000 --> 00:03:55,000

I mean, you thought twice before going into a swimming pool.

72

00:03:55,000 --> 00:03:56,000

I'm not kidding.

73

00:03:56,000 --> 00:03:57,000

I saw Jaws.

74

00:03:57,000 --> 00:03:59,000

That didn't bother me at all.

75

00:03:59,000 --> 00:04:05,000

I really think that Jaws is absolutely responsible for a whole generation's fear of sharks,

76

00:04:05,000 --> 00:04:11,000

and that's why we're going to kickstart this whole thing talking about ways to fend off an angry fish.

77

00:04:14,000 --> 00:04:17,000

Fending off a shark is a myth that was spawned by Spielberg,

78

00:04:17,000 --> 00:04:21,000

because his monster backs off when smacked on the snout,

79

00:04:21,000 --> 00:04:24,000

but does fighting back really work?

80

00:04:25,000 --> 00:04:28,000

We've actually tested several ways of fending off sharks.

81

00:04:28,000 --> 00:04:31,000

The first one was the nose punch.

82

00:04:31,000 --> 00:04:38,000

We obtained some, shall we say, novelty fists and attached them to some robotic arms for Buster,

83

00:04:38,000 --> 00:04:40,000

who gave the ability to punch.

84

00:04:40,000 --> 00:04:41,000

Are you ready?

85

00:04:41,000 --> 00:04:42,000

Here we go.

86

00:04:42,000 --> 00:04:44,000

Three, two, one.

87

00:04:44,000 --> 00:04:46,000

That was pretty close.

88

00:04:46,000 --> 00:04:51,000

And with Buster firing at all cylinders, the team buzzed to the Bahamas,

89

00:04:51,000 --> 00:04:56,000

where with sharks aplenty, the experiment could begin.

90

00:04:57,000 --> 00:05:05,000

But once Buster hit the water, it became pretty obvious to everybody that our design was a little too complicated.

91

00:05:07,000 --> 00:05:08,000

Punch!

92

00:05:09,000 --> 00:05:13,000

It somehow ended up with this rig, where Jamie's holding on to Buster.

93

00:05:13,000 --> 00:05:17,000

The dive master is giving the punch command via the underwater comms that Carrie can hear,

94

00:05:17,000 --> 00:05:20,000

and she then tells me to pull the lever that makes Buster punch.

95

00:05:20,000 --> 00:05:22,000

But of course, after it's gone through all these steps,

96

00:05:22,000 --> 00:05:26,000

the shark is long gone and Buster is punching nothing but the water.

97

00:05:27,000 --> 00:05:32,000

It's not to say that we didn't score the odd hit, but very few were right to the nose or the gills,

98

00:05:32,000 --> 00:05:38,000

which meant that it was time for Mythbusters' plan B, which in this case was me.

99

00:05:38,000 --> 00:05:42,000

I went into this thinking that if a shark wanted to eat you, it was gone.

100

00:05:43,000 --> 00:05:46,000

The sharks are all around them. He's not eaten yet.

101

00:05:47,000 --> 00:05:50,000

But as it turned out, they didn't like being punched at all.

102

00:05:50,000 --> 00:05:55,000

I mean, it's not like I was throwing haymakers or anything, but they definitely felt it.

103

00:05:55,000 --> 00:05:58,000

Indeed, punching a shark was Myth confirmed.

104

00:05:58,000 --> 00:06:04,000

But as Adam alluded to earlier, there was a third part to this fighting back trilogy.

105

00:06:04,000 --> 00:06:06,000

So now we know sharks don't like being punched,

106

00:06:06,000 --> 00:06:09,000

but that led us to wonder if in the midst of a shark attack,

107

00:06:09,000 --> 00:06:12,000

when a shark has got you in its jaws and it's thrashing you all around,

108

00:06:12,000 --> 00:06:17,000

could you even have the where-of-cult to punch him in the nose or find his eyes to gouge him out?

109

00:06:17,000 --> 00:06:20,000

And that led to the development of RoboShark.

110

00:06:21,000 --> 00:06:26,000

RoboShark, or Carcaradon Roboticus, was fearsome enough in the shark.

111

00:06:27,000 --> 00:06:28,000

It's time to go swimming.

112

00:06:28,000 --> 00:06:30,000

It's time for his first meal.

113

00:06:30,000 --> 00:06:33,000

But in the water, he was something else.

114

00:06:33,000 --> 00:06:34,000

That is awful.

115

00:06:34,000 --> 00:06:35,000

That's a horror show.

116

00:06:36,000 --> 00:06:39,000

Yet when Adam ventured into those terrible teeth,

117

00:06:39,000 --> 00:06:41,000

So the shark bit Adam in the ass.

118

00:06:41,000 --> 00:06:44,000

He found that despite the thrashing and bashing,

119

00:06:44,000 --> 00:06:47,000

he was able to find the eye and gouge it out.

120

00:06:50,000 --> 00:06:54,000

I'll admit that we've gotten a lot of fan mail about these fighting back shark myths.

121

00:06:54,000 --> 00:06:58,000

Some people say that our reef sharks weren't tough enough and so our punching tests are invalid.

122

00:06:58,000 --> 00:07:01,000

Others say that Great White's attack was such ferocity

123

00:07:01,000 --> 00:07:05,000

that you would bleed out before you'd ever even think about getting to their eyes.

124

00:07:05,000 --> 00:07:10,000

My takeaway, honestly, if I'm in the middle of a shark attack, I'm going down fighting.

125

00:07:11,000 --> 00:07:15,000

It's a superstar, but next are some super senses.

126

00:07:16,000 --> 00:07:19,000

Now it's important to know how to fight off a shark because if they want to,

127

00:07:19,000 --> 00:07:22,000

they'll find you because their senses are something else.

128

00:07:24,000 --> 00:07:26,000

Ain't that the truth?

129

00:07:26,000 --> 00:07:31,000

As well as sharing the same senses as us, sharks have an extra sixth sense.

130

00:07:31,000 --> 00:07:36,000

Located in a shark's snout are receptors called the ampuli of Lorenzini.

131

00:07:36,000 --> 00:07:41,000

These detect the electromagnetic field that all living organisms emit.

132

00:07:41,000 --> 00:07:45,000

And it's this sleuthing sense that helps make sharks such a success.

133

00:07:45,000 --> 00:07:50,000

You might say that when escaping from a shark, you can swim, but you can't hide.

134

00:07:51,000 --> 00:07:52,000

Where are we in the countdown?

135

00:07:52,000 --> 00:07:56,000

Next in the countdown is mythical ways of repelling sharks.

136

00:07:56,000 --> 00:08:01,000

Right. Given that sharks find it really easy to find us in the water with their acute senses

137

00:08:01,000 --> 00:08:05,000

and they're pretty hard to fight off, it's better if you never let them get close to you in the first place.

138

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

Well, we've tested three different techniques for repelling them.

139

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

Yes, with dramatically different results.

140

00:08:11,000 --> 00:08:15,000

And the first of that trilogy is something hot and spicy.

141

00:08:16,000 --> 00:08:22,000

The story goes that the Kuna Indians used a shark shield of the hottest habaneros they could find.

142

00:08:22,000 --> 00:08:29,000

But did their path of pepper really keep the sharks away, or did it merely add a little bite to the bite?

143

00:08:30,000 --> 00:08:37,000

To find out, we took the hottest chilies we could find, which measured 350,000 on the Scoville scale.

144

00:08:37,000 --> 00:08:40,000

It's effectively equivalent to putting a hot lump of coal in your mouth.

145

00:08:45,000 --> 00:08:50,000

Added some water to a blended up mixture of them and dove right in.

146

00:08:50,000 --> 00:08:52,000

Once under, the plan was simple.

147

00:08:52,000 --> 00:08:58,000

We'd attracted the sharks with a bait box, and then Adam won't burst the chili blend with a hydraulically controlled needle.

148

00:08:59,000 --> 00:09:02,000

I'm gonna find this as soon as the sharks are close enough.

149

00:09:02,000 --> 00:09:07,000

But here's the thing, we didn't need to use the needle, the sharks kept eating the balloons.

150

00:09:07,000 --> 00:09:10,000

I totally bit the balloon!

151

00:09:10,000 --> 00:09:17,000

Needless to say, we then ramped up the concentration of chili until we reached a point that if I'd eaten that balloon, I'd be dead.

152

00:09:17,000 --> 00:09:19,000

But the sharks didn't react at all.

153

00:09:22,000 --> 00:09:28,000

With chillies not hot stuff, next up was some animal magnetism.

154

00:09:28,000 --> 00:09:31,000

I like this myth because there was some real science behind it.

155

00:09:31,000 --> 00:09:38,000

The idea was to use a strong enough magnet that you would overload the sharks' sixth sense, and it'd hightail it right out of there.

156

00:09:38,000 --> 00:09:44,000

And that was an idea that looked promising, as magnets first caused lemon sharks to flinch.

157

00:09:44,000 --> 00:09:46,000

Whoa! It almost got away.

158

00:09:46,000 --> 00:09:52,000

The myth looked better again when nurse sharks refused to cross a line of magnets on the sea floor.

159

00:09:52,000 --> 00:09:56,000

And it's pretty clear that the magnets are a shark repellent.

160

00:09:56,000 --> 00:10:02,000

But let's face it, a shark repellent needs to work not just for a baby shark, but also an adult shark in full attack mode.

161

00:10:02,000 --> 00:10:04,000

So that's where we went next.

162

00:10:04,000 --> 00:10:07,000

And that's where the results took a nose dive.

163

00:10:07,000 --> 00:10:14,000

Because with eight massive magnets on a box of bait, the hungry adults didn't even flinch.

164

00:10:14,000 --> 00:10:17,000

That was a totally unexpected result.

165

00:10:17,000 --> 00:10:23,000

Everything we've seen up to this point is telling us that sharks are reactive to magnetic fields.

166

00:10:23,000 --> 00:10:25,000

And we got nothing.

167

00:10:25,000 --> 00:10:28,000

I knew that was too close. I didn't expect it.

168

00:10:33,000 --> 00:10:40,000

The third myth about repelling sharks comes from a piece of classic fisherman folklore that a dolphin saved my life.

169

00:10:40,000 --> 00:10:47,000

Apparently, dolphins are so protective of each other in their pods that if they see another animal being menaced by a shark like a human,

170

00:10:47,000 --> 00:10:51,000

this biological impulse kicks in and they'll protect them too.

171

00:10:52,000 --> 00:11:00,000

So the story goes, but with real dolphins unlikely to cooperate, a mythbusters had to build their own.

172

00:11:00,000 --> 00:11:03,000

Yeah! That's great!

173

00:11:03,000 --> 00:11:06,000

So then we packed up our dolphin and took him to South Africa.

174

00:11:06,000 --> 00:11:07,000

Why South Africa?

175

00:11:07,000 --> 00:11:13,000

Well, as any fan of air jaws knows, that is the place where great whites do the most amazing thing.

176

00:11:13,000 --> 00:11:18,000

They leap all the way out of the water attacking their sealed prey.

177

00:11:19,000 --> 00:11:21,000

Our plan was pretty simple.

178

00:11:21,000 --> 00:11:24,000

Step one, put a seal decoy behind the boat and see if a shark bites it.

179

00:11:24,000 --> 00:11:27,000

That way we know there's sharks in the area and they're hungry.

180

00:11:27,000 --> 00:11:29,000

You feeling lucky, punk?

181

00:11:29,000 --> 00:11:32,000

I am feeling lucky.

182

00:11:32,000 --> 00:11:35,000

And that didn't take long at all.

183

00:11:38,000 --> 00:11:42,000

So now we knew that the sharks were around and the sharks were hungry.

184

00:11:42,000 --> 00:11:45,000

So for step two, we added flipper to the mix.

185

00:11:45,000 --> 00:11:47,000

All right, we're good.

186

00:11:47,000 --> 00:11:53,000

And lo and behold, despite two hours of towing, we got not a single other shark attack on our seal.

187

00:11:53,000 --> 00:11:58,000

So then we took the dolphin out of the water, left the seal decoy in the water and within a few minutes...

188

00:11:58,000 --> 00:11:59,000

BAM!

189

00:11:59,000 --> 00:12:03,000

Oh! Yes! BOSSIN!

190

00:12:05,000 --> 00:12:11,000

And I know I've heard the complaints that our test is invalid because our dolphin was a robot and made of a former mattress,

191

00:12:11,000 --> 00:12:17,000

but the fact remains that the entire time it was in the water, our seal decoy did not get hit once.

192

00:12:17,000 --> 00:12:22,000

That just means to me that if I'm in the water and I know dolphins are nearby, I'm going to feel a little bit safer.

193

00:12:22,000 --> 00:12:24,000

In your face, sharks!

194

00:12:27,000 --> 00:12:29,000

Still to come on this Josson special.

195

00:12:29,000 --> 00:12:33,000

This would be what it'd be like if you were abducted by aliens.

196

00:12:33,000 --> 00:12:36,000

The countdown heads to a confounding conclusion.

197

00:12:42,000 --> 00:12:54,000

It's Shark Week's 25th anniversary and to celebrate, the Mythbusters Josson spectacular is counting down Adam and Jamie's top 25 shark myths.

198

00:12:54,000 --> 00:12:57,000

I'm jumping into shark-infested waters for science.

199

00:12:59,000 --> 00:13:02,000

It's a little scary down here.

200

00:13:02,000 --> 00:13:07,000

Where it's already clear that sharks are immensely powerful predators.

201

00:13:08,000 --> 00:13:11,000

Now, I'm going to have the entire clock.

202

00:13:11,000 --> 00:13:14,000

But are they as powerful as Hollywood proposes?

203

00:13:14,000 --> 00:13:16,000

It's here you lay!

204

00:13:37,000 --> 00:13:40,000

Adam's gone from swimming away, but it doesn't stop.

205

00:13:40,000 --> 00:13:44,000

He dives right down with the three barrels with all the ease of an angry walrus.

206

00:13:44,000 --> 00:13:46,000

It's impossible! It's impossible!

207

00:13:46,000 --> 00:13:51,000

To put the clip to the test, Adam somehow got his hands on the original barrels from the movie.

208

00:13:51,000 --> 00:13:56,000

The only thing we're told we can't do is burn them, blow them up or lose them.

209

00:13:56,000 --> 00:13:58,000

Has he watched the show?

210

00:13:58,000 --> 00:14:03,000

Then we tethered those barrels to a concrete block that was at the bottom of a dock at Mer Island.

211

00:14:03,000 --> 00:14:10,000

A length of rope went from the barrels to a force gauge which was attached to a tank, like you do.

212

00:14:10,000 --> 00:14:16,000

Yep, and with Adam tanked up, the guys were sent to see what force could pull the barrels down.

213

00:14:16,000 --> 00:14:18,000

Alright, so I think we're ready.

214

00:14:24,000 --> 00:14:27,000

1500, 1500 right there.

215

00:14:27,000 --> 00:14:29,000

Are they under carry?

216

00:14:29,000 --> 00:14:31,000

We are just under.

217

00:14:31,000 --> 00:14:33,000

Just about 1200 pounds.

218

00:14:33,000 --> 00:14:36,000

We have 1200 pounds!

219

00:14:36,000 --> 00:14:40,000

So it took 1200 pounds to pull those barrels under the water.

220

00:14:40,000 --> 00:14:42,000

Could a great white shark do that?

221

00:14:42,000 --> 00:14:43,000

No.

222

00:14:43,000 --> 00:14:49,000

Look, a record-breaking large great white might be able to pull those barrels down for a second or two,

223

00:14:49,000 --> 00:14:52,000

but the idea that it could keep them down for hours is totally busted.

224

00:14:52,000 --> 00:14:55,000

Draw zero, mythbusters one.

225

00:14:55,000 --> 00:15:00,000

Later on in the movie there's another scene where the angry shark starts ramming Quint's boat

226

00:15:00,000 --> 00:15:03,000

so hard it actually springs a leaf.

227

00:15:03,000 --> 00:15:06,000

So first we went out and got ourselves a boat just like the one in the movie.

228

00:15:06,000 --> 00:15:09,000

I christen thee the orca five!

229

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

Ew.

230

00:15:17,000 --> 00:15:19,000

How the hell do they do this?

231

00:15:19,000 --> 00:15:25,000

So then we made ourselves a shark that had a rubber and fiberglass head, a steel piped body,

232

00:15:25,000 --> 00:15:28,000

and most importantly the same mass as a large great white.

233

00:15:28,000 --> 00:15:32,000

So then back at the marina we put our shark into the water, aimed it at the orca five,

234

00:15:32,000 --> 00:15:36,000

and prepared to drag it towards it at 25 miles per hour,

235

00:15:36,000 --> 00:15:41,000

which is the fastest speed a great white has ever been clocked swimming at.

236

00:15:41,000 --> 00:15:42,000

Okay, go!

237

00:15:42,000 --> 00:15:47,000

And when I called go I never thought for a moment that this was going to work.

238

00:15:47,000 --> 00:15:52,000

But it turns out that 3000 pounds moving 25 miles an hour packs quite a punch.

239

00:15:53,000 --> 00:15:56,000

Oh, camera in the water!

240

00:15:58,000 --> 00:16:02,000

In fact, it packs enough of a punch for this movie myth to be confirmed.

241

00:16:02,000 --> 00:16:05,000

My shark went belly up but it definitely pierced the side.

242

00:16:05,000 --> 00:16:10,000

Meaning it was Jaws One, Mythbusters One, and Honorable Time.

243

00:16:10,000 --> 00:16:11,000

So far.

244

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

Now, when both of these Jaws myths have in common,

245

00:16:19,000 --> 00:16:22,000

is that the shark is moving and moving rapidly,

246

00:16:22,000 --> 00:16:26,000

which brings us to the next story, which is that supposedly if a shark stops moving,

247

00:16:26,000 --> 00:16:29,000

it will die of asphyxiation.

248

00:16:30,000 --> 00:16:34,000

Like all fish, sharks get the oxygen they need via their gills.

249

00:16:34,000 --> 00:16:40,000

But is it true that all sharks have to be moving to let this process happen?

250

00:16:40,000 --> 00:16:45,000

Well, Kari, Tori, and Grant got suited and booted to find out.

251

00:16:45,000 --> 00:16:50,000

Where the plan was simple, grab a shark and hold it down.

252

00:16:53,000 --> 00:16:58,000

But where that didn't work, their shark expert instead tickled a shark into a trance.

253

00:16:58,000 --> 00:17:00,000

And what do you know?

254

00:17:07,000 --> 00:17:10,000

Now, it turns out that some sharks do in fact have to move to breathe.

255

00:17:10,000 --> 00:17:13,000

It's a system called ram ventilation.

256

00:17:13,000 --> 00:17:18,000

But the vast majority of sharks are totally fine to stop for a bit and chillax.

257

00:17:18,000 --> 00:17:20,000

Did Jamie just say chillax?

258

00:17:25,000 --> 00:17:28,000

So, Ancient Relics is not a myth about the Heinemann,

259

00:17:28,000 --> 00:17:31,000

although he has already lived several lifetimes of men.

260

00:17:32,000 --> 00:17:34,000

It is specifically about the port,

261

00:17:34,000 --> 00:17:40,000

you often hear about sharks that they have existed unchanged for over 400 million years.

262

00:17:41,000 --> 00:17:47,000

It's frequently said to be fact, but are sharks really older than the dinosaurs?

263

00:17:48,000 --> 00:17:52,000

Yes, sharks first appeared in the fossil record about 400 million years ago.

264

00:17:52,000 --> 00:17:55,000

But have they remained unchanged since then?

265

00:17:55,000 --> 00:17:57,000

Well, no, not really.

266

00:17:57,000 --> 00:18:00,000

The sharks back then looked nothing like the sharks today.

267

00:18:00,000 --> 00:18:06,000

It wasn't until about 100 million years ago when the classic shark shape that we all know and love first evolved.

268

00:18:10,000 --> 00:18:12,000

So, sharks are ancient.

269

00:18:12,000 --> 00:18:17,000

And what's more, the predatory ones have one thing in common.

270

00:18:17,000 --> 00:18:22,000

They can detect a drop of blood in an Olympic-sized swimming pool, right?

271

00:18:22,000 --> 00:18:28,000

The myth that sharks can smell a drop of blood in a swimming pool has been around forever.

272

00:18:28,000 --> 00:18:31,000

But when we tested it, we came up with some interesting results.

273

00:18:31,000 --> 00:18:33,000

One, two, three.

274

00:18:34,000 --> 00:18:39,000

First up, we used human blood and the sharks, while the sharks couldn't give two hoots.

275

00:18:39,000 --> 00:18:43,000

No, they'd been through it. They'd been through it. They didn't turn around.

276

00:18:43,000 --> 00:18:46,000

Even though lemon sharks have been known to attack people.

277

00:18:46,000 --> 00:18:55,000

So then we moved on to fish blood, which we diluted to one part per million and put it in a, shall we say, a contraceptive balloon.

278

00:18:56,000 --> 00:18:58,000

Alright, let's let them swim up a little higher.

279

00:19:01,000 --> 00:19:06,000

This time, when the blood hit the water, there was distinct change in the shark's behavior.

280

00:19:06,000 --> 00:19:09,000

Oh, he turned. He turned. He sped up. He turned.

281

00:19:09,000 --> 00:19:15,000

So here's the thing. Yes, the sharks reacted to one drop of blood in a million drops of water.

282

00:19:15,000 --> 00:19:21,000

But in your average Olympic-sized swimming pool, you've got over 50 billion drops of water.

283

00:19:21,000 --> 00:19:25,000

And there's just no way that a shark stands any chance of detecting that.

284

00:19:25,000 --> 00:19:29,000

Plus, how does a shark get into a pool in the first place?

285

00:19:37,000 --> 00:19:46,000

Welcome back. It's the 25th anniversary of Shark Week, and Jamie and I are counting down our top 25 shark myths.

286

00:19:46,000 --> 00:19:51,000

We've already looked at fighting off sharks, repelling sharks,

287

00:19:51,000 --> 00:19:56,000

and shark strength.

288

00:19:56,000 --> 00:19:59,000

We have 1200 pounds!

289

00:19:59,000 --> 00:20:01,000

But there's plenty more to come.

290

00:20:01,000 --> 00:20:04,000

I was actually going to say there's plenty more fish in the sea.

291

00:20:04,000 --> 00:20:06,000

That one really makes sense, would it?

292

00:20:13,000 --> 00:20:17,000

Actually, me saying that there's plenty more fish in the sea makes perfect sense

293

00:20:17,000 --> 00:20:21,000

when you realize that our next myth is that a shark is a shark is a shark,

294

00:20:21,000 --> 00:20:23,000

i.e. that all sharks are the same.

295

00:20:23,000 --> 00:20:26,000

Now, it's true that most of the sharks we've featured,

296

00:20:26,000 --> 00:20:29,000

lemon sharks, reef sharks, great whites and tiger sharks,

297

00:20:29,000 --> 00:20:34,000

and indeed most of the sharks featured in Shark Week itself are streamlined, carnivorous predators.

298

00:20:34,000 --> 00:20:37,000

But that is not true of all sharks.

299

00:20:59,000 --> 00:21:01,000

All sharks are the same as busted.

300

00:21:01,000 --> 00:21:03,000

So sharks sure are diverse.

301

00:21:03,000 --> 00:21:05,000

But what's next?

302

00:21:05,000 --> 00:21:09,000

Next up is a myth we got from one of Discovery Channel's rivals.

303

00:21:09,000 --> 00:21:11,000

Can I say which one?

304

00:21:11,000 --> 00:21:15,000

I won't say which one, but they had a shark film in which the narrator stated

305

00:21:15,000 --> 00:21:20,000

that there was a certain frequency of sound that was like a calling card for sharks.

306

00:21:20,000 --> 00:21:24,000

That frequency was 40 hertz, and supposedly it's the shark's favorite

307

00:21:24,000 --> 00:21:28,000

because that's exactly the kind of vibration that a wounded or dying fish makes.

308

00:21:28,000 --> 00:21:31,000

So the shark hears that and thinks, dinner.

309

00:21:31,000 --> 00:21:35,000

In this certain show, they called it the Yummy Hum.

310

00:21:35,000 --> 00:21:39,000

But in this show, the hum went numb.

311

00:21:39,000 --> 00:21:42,000

Our plan was simple.

312

00:21:42,000 --> 00:21:45,000

Play the yummy hum and see if any sharks showed up.

313

00:21:45,000 --> 00:21:48,000

We did no other tumming whatsoever.

314

00:21:48,000 --> 00:21:51,000

All we did was play the 40 hertz tone.

315

00:21:51,000 --> 00:21:56,000

But after 20 minutes, not even a curious krill had come to play.

316

00:21:58,000 --> 00:22:05,000

So the yummy hum didn't work, but that didn't stop us from trying to attract sharks.

317

00:22:05,000 --> 00:22:08,000

Next on the menu is man's best friend.

318

00:22:08,000 --> 00:22:13,000

Over the years, many shark attacks have supposedly been caused by canines.

319

00:22:13,000 --> 00:22:21,000

The theory being that their swimming style and pooch perfume draws sharks in from far and wide.

320

00:22:21,000 --> 00:22:26,000

Now when Cary Cretantory came to film this, I have to tell you,

321

00:22:26,000 --> 00:22:30,000

there was a huge discussion about whether or not to use a real dog.

322

00:22:30,000 --> 00:22:35,000

In fact, we found a dog and its owner who were willing to get into the sea with sharks.

323

00:22:35,000 --> 00:22:41,000

We even talked about making the dog a little doggie life jacket in case he got tired.

324

00:22:41,000 --> 00:22:44,000

And we thought about building it a miniature shark cage.

325

00:22:44,000 --> 00:22:49,000

Ultimately, there was no getting around the fact that we considered it 100% unacceptable

326

00:22:49,000 --> 00:22:52,000

for the dog to be eaten in the course of the experiment.

327

00:22:52,000 --> 00:22:55,000

But come on, a result is a result, right?

328

00:22:55,000 --> 00:23:01,000

So with real dogs ruled out, the Mythbusters had a shaggy solution.

329

00:23:01,000 --> 00:23:05,000

Although he looked simple, RoboDog was anything but.

330

00:23:05,000 --> 00:23:11,000

Capable of releasing smells from a real dog, accurate audio, and non-electronic movement,

331

00:23:11,000 --> 00:23:15,000

he was the ultimate robot in disguise.

332

00:23:15,000 --> 00:23:18,000

But would he attract sharks?

333

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

The guys did this very cool experiment where they counted the number of sharks attracted to just the boat

334

00:23:23,000 --> 00:23:27,000

in a 20-minute period. No chum, no nothing.

335

00:23:27,000 --> 00:23:32,000

Every once in a while they come and check me out just to see if I'm edible.

336

00:23:32,000 --> 00:23:38,000

Then came back 24 hours later and threw RoboDog in, who swam like a champion.

337

00:23:38,000 --> 00:23:42,000

RoboDog looks great. He's totally swimming like a real dog.

338

00:23:42,000 --> 00:23:44,000

But he didn't just swim.

339

00:23:44,000 --> 00:23:49,000

Okay, Tari, stand by. We're going to release the urine and anal secretion.

340

00:23:50,000 --> 00:23:55,000

Yep, first RoboDog went we, then he pooped, and then he bled.

341

00:23:55,000 --> 00:23:58,000

See a shark coming towards the surface?

342

00:23:58,000 --> 00:24:05,000

But even with all that, after 20 minutes, the shark count was precisely the same as it had been during the control,

343

00:24:05,000 --> 00:24:07,000

which means Mythbusted.

344

00:24:07,000 --> 00:24:10,000

I still think we should have used a real dog.

345

00:24:10,000 --> 00:24:15,000

Who's a good boy? Who's a good boy?

346

00:24:16,000 --> 00:24:22,000

Next up is something that had gotten Jamie into a bit of a flap.

347

00:24:22,000 --> 00:24:26,000

So when we left South Africa, this whole yummy hum thing started to bother me.

348

00:24:26,000 --> 00:24:28,000

Oh, here we go.

349

00:24:28,000 --> 00:24:32,000

You see, that whole 40 Hertz thing was meant to sound like an injured fish.

350

00:24:32,000 --> 00:24:36,000

But then afterwards I thought, why don't we just build an injured fish?

351

00:24:36,000 --> 00:24:39,000

Uh, because that wasn't the myth.

352

00:24:39,000 --> 00:24:43,000

So back in shark infested waters, Jamie returned to this topic.

353

00:24:43,000 --> 00:24:49,000

But this time he went old school, two plastic fish on a pole, and the world's smallest dinghy.

354

00:24:49,000 --> 00:24:56,000

And in all fairness to Jamie, when he got those fish to start flapping at the surface, the sharks went ballistic.

355

00:24:56,000 --> 00:24:58,000

Hey!

356

00:24:58,000 --> 00:25:03,000

Jamie just kept flapping away. He was clearly having the time of his life.

357

00:25:03,000 --> 00:25:04,000

Yeah!

358

00:25:04,000 --> 00:25:10,000

But underwater, I could see that more and more sharks were coming and they were getting more and more aggressive.

359

00:25:10,000 --> 00:25:12,000

That's what I'm talking about.

360

00:25:12,000 --> 00:25:16,000

And I keep thinking, I'm underwater wearing full shark chain mail,

361

00:25:16,000 --> 00:25:22,000

and Jamie's up on the surface sitting in a little boat meant for a child to use on a calm lake.

362

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

He is one puncture away from being shark bait.

363

00:25:25,000 --> 00:25:28,000

So despite his enjoyment, we pulled the plug.

364

00:25:28,000 --> 00:25:30,000

Big baby.

365

00:25:31,000 --> 00:25:35,000

So a flapping fish can attract a shark. I knew I was right.

366

00:25:35,000 --> 00:25:37,000

Yeah!

367

00:25:42,000 --> 00:25:46,000

Do not try anything you are about to see at home.

368

00:25:51,000 --> 00:25:57,000

The Mythbusters have been cruising their way through a Jossam extravaganza that will end with a twist.

369

00:25:57,000 --> 00:26:01,000

But next on the menu is something to sink your tooting to.

370

00:26:01,000 --> 00:26:06,000

One of my very favorite moments ever on Mythbusters came when we were filming in South Africa.

371

00:26:06,000 --> 00:26:10,000

The very first time Jamie got into the shark cage underwater.

372

00:26:10,000 --> 00:26:13,000

Well, what can I say? Danger is my little name.

373

00:26:13,000 --> 00:26:18,000

Now before you write in, yes, it's true. I did not see it firsthand.

374

00:26:18,000 --> 00:26:22,000

I was passed out on the boat from excessive vomiting.

375

00:26:22,000 --> 00:26:29,000

But I watched the footage at the hotel that very night and I have to tell you, it still gives me goosebumps.

376

00:26:41,000 --> 00:26:46,000

It's funny, but a lot of people have asked me what was going through my mind when that happened.

377

00:26:46,000 --> 00:26:52,000

The answer is really simple. I was thinking, haven't we already proved that shark cages are not shark proof?

378

00:26:54,000 --> 00:27:01,000

Inspired by a cagey scene from Jaws, the guys had put this heavy metal myth to the test.

379

00:27:01,000 --> 00:27:10,000

With surprising results, when rammed by their shark, Sharama, at 25 miles an hour, their shark cage turned to toast.

380

00:27:11,000 --> 00:27:13,000

Look what's on the shark.

381

00:27:13,000 --> 00:27:15,000

Is that a piece of the cage?

382

00:27:15,000 --> 00:27:17,000

It's like it went right through it.

383

00:27:17,000 --> 00:27:19,000

Bullseye!

384

00:27:19,000 --> 00:27:25,000

But luckily for Jamie, the shark in South Africa rammed his cage at just 5 miles per hour.

385

00:27:25,000 --> 00:27:29,000

And that meant that this time the bars held firmly.

386

00:27:29,000 --> 00:27:31,000

Here's the alarm.

387

00:27:33,000 --> 00:27:37,000

Next up, something with bite.

388

00:27:37,000 --> 00:27:41,000

So listen to this. A shark's bite is more powerful than a hyena.

389

00:27:41,000 --> 00:27:46,000

Or how about this? A shark's bite can be upward of 300 pounds per square inch.

390

00:27:46,000 --> 00:27:51,000

Or my favorite, a shark's bite can crush the exhaust pipe on a car.

391

00:27:51,000 --> 00:27:57,000

The point being that there is a huge number of myths out there about the power of a shark bite.

392

00:27:57,000 --> 00:27:59,000

And we wanted to find out the real story.

393

00:27:59,000 --> 00:28:03,000

And to do just that, the guys built themselves a fight-force rig.

394

00:28:03,000 --> 00:28:05,000

That works great.

395

00:28:05,000 --> 00:28:07,000

And headed to the open ocean.

396

00:28:07,000 --> 00:28:14,000

So in the Bahamas, we converted our rig to a kind of a giant shish kebab, put it in the water, and waited for sharks to chomp down on it.

397

00:28:14,000 --> 00:28:17,000

Come on, it's just like a big hot dog.

398

00:28:17,000 --> 00:28:20,000

But they never did, not at the surface.

399

00:28:20,000 --> 00:28:22,000

Come on, fishy, fishy, fishy.

400

00:28:22,000 --> 00:28:26,000

And on the seabed, did any shark chomp down on our rig?

401

00:28:26,000 --> 00:28:29,000

They're reluctant to actually participate in our experiment.

402

00:28:29,000 --> 00:28:34,000

I think it's the reason there are still so many myths about shark bite strength.

403

00:28:36,000 --> 00:28:41,000

Breaking into the top ten is a myth that was magnetic for Jamie.

404

00:28:41,000 --> 00:28:47,000

Okay, so you remember the magnet experiment where the baby sharks seemed to steer clear, but the big sharks didn't care at all?

405

00:28:47,000 --> 00:28:50,000

No, they didn't notice the magnets at all.

406

00:28:50,000 --> 00:28:55,000

So that gives an interesting insight into the inner workings of the Heinemann brain.

407

00:28:55,000 --> 00:29:00,000

See, most of us would watch that footage and simply say, oh, bummer, those magnets didn't work.

408

00:29:00,000 --> 00:29:02,000

But not Jamie.

409

00:29:02,000 --> 00:29:06,000

Jamie can't stop thinking about the fact that it seemed to work on baby sharks.

410

00:29:06,000 --> 00:29:10,000

It's pretty clear that the magnets are a shark repellent.

411

00:29:10,000 --> 00:29:18,000

And before you can say maverick walrus, he has hatched a plan to use magnets to make a baby shark remote control.

412

00:29:18,000 --> 00:29:19,000

I swear.

413

00:29:19,000 --> 00:29:25,000

It was a little unconventional, but thanks to a rig that could turn magnets on and off on cue,

414

00:29:25,000 --> 00:29:28,000

Jamie believed he could make a shark do his bidding.

415

00:29:28,000 --> 00:29:32,000

This would be what it'd be like if you were abducted by aliens.

416

00:29:32,000 --> 00:29:35,000

But unfortunately, the abduction didn't go well.

417

00:29:35,000 --> 00:29:41,000

The tiger shark taut just sulked on the seabed, at least until the unit was removed.

418

00:29:42,000 --> 00:29:44,000

What a shocker!

419

00:29:49,000 --> 00:29:57,000

It's claimed that ancient fishing cultures used shark skin as sandpaper to ensure their skiffs were splinter-free.

420

00:29:57,000 --> 00:30:04,000

To put the myth to the test, first came the single-scrape test, where the shark skin did okay.

421

00:30:04,000 --> 00:30:07,000

Then came the woodrub, where it did better.

422

00:30:07,000 --> 00:30:09,000

Oh, yeah, you can feel the difference.

423

00:30:09,000 --> 00:30:10,000

Wow.

424

00:30:10,000 --> 00:30:15,000

And by the time they rigged it up to an orbital sander, that shark skin?

425

00:30:16,000 --> 00:30:19,000

It was positively glowing.

426

00:30:20,000 --> 00:30:21,000

What do you think?

427

00:30:21,000 --> 00:30:22,000

I think it works beautifully.

428

00:30:22,000 --> 00:30:23,000

Really?

429

00:30:24,000 --> 00:30:30,000

Next in the Mythbusters Jawsome Special, it's time to make room for a Hollywood boom.

430

00:30:30,000 --> 00:30:38,000

The movie was called Deep Blue Sea, and in it were these sharks that had had their brains genetically modified in hopes of finding a cure for Alzheimer's.

431

00:30:38,000 --> 00:30:41,000

I know, but that wasn't what we were testing.

432

00:30:41,000 --> 00:30:43,000

We were testing the grand finale.

433

00:30:43,000 --> 00:30:45,000

Come to mama.

434

00:30:46,000 --> 00:30:52,000

A grand explosive finale that involved a very specific recipe for disaster.

435

00:30:54,000 --> 00:30:55,000

Yeah!

436

00:30:55,000 --> 00:30:57,000

He's gaining on us!

437

00:30:57,000 --> 00:31:00,000

With the movie ingredients replicated to perfection...

438

00:31:01,000 --> 00:31:04,000

In three, two, one, fire!

439

00:31:05,000 --> 00:31:11,000

They got nothing, so they reset and tried again, but got the same result.

440

00:31:11,000 --> 00:31:15,000

Three, two, one, fire!

441

00:31:22,000 --> 00:31:29,000

It was only when the guys lost the plot to replicate the results that they got the shark shrapnel they'd yearn for.

442

00:31:41,000 --> 00:31:43,000

I am ready!

443

00:31:44,000 --> 00:31:48,000

As fans of the show know, Adam loves his costumes.

444

00:31:48,000 --> 00:31:49,000

So yes, sir!

445

00:31:50,000 --> 00:31:54,000

They'll all be dancing on Jamie's intestines!

446

00:31:54,000 --> 00:31:59,000

So is it really a surprise that he dressed up as a knight to test whether armor is good shark protection?

447

00:32:00,000 --> 00:32:05,000

Maybe not, but it was a shining example of a surprising result.

448

00:32:05,000 --> 00:32:08,000

Okay, Adam, I think we're ready.

449

00:32:08,000 --> 00:32:10,000

We're ready to test the amazing result.

450

00:32:10,000 --> 00:32:16,000

Okay, Adam, I think there may be some damsel fishing distress down there that need your attention.

451

00:32:16,000 --> 00:32:17,000

Okay.

452

00:32:18,000 --> 00:32:24,000

Because as Jamie chummed the water, the sharks that showed up seemed to be attracted to the suit.

453

00:32:24,000 --> 00:32:34,000

It was not what we expected at all, but later our shark expert explained that the electrical receptors on the sharks might have gone into overdrive in the presence of so much metal.

454

00:32:34,000 --> 00:32:40,000

Let's face it, having sharks attracted to something that's supposed to protect you from them is pretty far from ideal.

455

00:32:40,000 --> 00:32:42,000

Yeah, I don't think it's going to catch on.

456

00:32:49,000 --> 00:32:55,000

Now in some ways, it maybe shouldn't have been a surprise to us that the sharks were attracted to my silver suit.

457

00:32:55,000 --> 00:33:00,000

When we were first testing Yum Yum Yellow, it was silver that seemed to be the shark's favorite.

458

00:33:00,000 --> 00:33:10,000

Adam's right. When the guy set up a rig to test the surface story that sharks are attracted to yellow, it was their silver bait bag that was hit first.

459

00:33:10,000 --> 00:33:12,000

Oh, yeah!

460

00:33:14,000 --> 00:33:15,000

Fantastic!

461

00:33:16,000 --> 00:33:20,000

While the yellow of the myth was the only one left untouched.

462

00:33:20,000 --> 00:33:26,000

It looks like Yum Yum Yellow is the only one that's actually last, which is the opposite of what I predicted.

463

00:33:26,000 --> 00:33:31,000

But further testing proved that actually there was no pattern at all.

464

00:33:31,000 --> 00:33:35,000

What I got out of this is that it's random. I don't see any color preference.

465

00:33:35,000 --> 00:33:40,000

Might say that sharks are the ultimate, unfussy feeders.

466

00:33:50,000 --> 00:33:53,000

We are at the total business end right now.

467

00:33:53,000 --> 00:33:54,000

Yep, just the top four to go.

468

00:33:54,000 --> 00:33:56,000

And they are all pretty awesome.

469

00:33:56,000 --> 00:33:59,000

And you know, people are going to be surprised at which one is number one.

470

00:33:59,000 --> 00:34:02,000

I totally agree, but let's not jump the gun just yet.

471

00:34:02,000 --> 00:34:03,000

Or the shark.

472

00:34:10,000 --> 00:34:16,000

Indeed, before we get to the top one, there are three more super memorable moments and they start with a little night diving.

473

00:34:16,000 --> 00:34:28,000

My hat is off to Cary Granton Tory for diving in the dark to test whether flashlights attract sharks.

474

00:34:28,000 --> 00:34:35,000

Mine too, because first up the guys jumped into shark infested water in near complete blackness.

475

00:34:35,000 --> 00:34:38,000

This is a little scary!

476

00:34:38,000 --> 00:34:44,000

For 20 minutes they stayed under, counting the number of sharks on their shipwreck.

477

00:34:45,000 --> 00:34:49,000

24 hours later, they return with flashlights in head.

478

00:34:49,000 --> 00:34:53,000

And that's when the danger level really rocketed up.

479

00:34:53,000 --> 00:34:59,000

We got a lot of activity down here. I got two sharks. I got three, four, five, six sharks right here.

480

00:34:59,000 --> 00:35:02,000

As the myth was chaotically confirmed.

481

00:35:02,000 --> 00:35:06,000

Look at this guy right here. He's coming straight for the light.

482

00:35:07,000 --> 00:35:10,000

Oh my god!

483

00:35:10,000 --> 00:35:14,000

I just missed the shark in the head with the flashlight.

484

00:35:14,000 --> 00:35:16,000

The guys are starting to get aggressive.

485

00:35:16,000 --> 00:35:21,000

I have to say, even though I don't smoke easily, this scares the heck out of me.

486

00:35:21,000 --> 00:35:25,000

You've got your little flashlight and it's illuminating like something in front of you maybe a

shark.

487

00:35:25,000 --> 00:35:29,000

But the only thing I would be thinking is, what's behind me?

488

00:35:29,000 --> 00:35:31,000

Holy crap!

489

00:35:31,000 --> 00:35:35,000

If anybody finds this tape, tell them I'm sorry.

490

00:35:35,000 --> 00:35:39,000

I'm so scared of the sharks.

491

00:35:40,000 --> 00:35:42,000

Next up, moment three.

492

00:35:42,000 --> 00:35:45,000

Which starts with a bang.

493

00:35:46,000 --> 00:35:49,000

A bang that comes from Jaws.

494

00:35:49,000 --> 00:35:56,000

But can the famous scuba tank explosion really be real?

495

00:35:56,000 --> 00:36:02,000

In a shipping container at an abandoned naval base, the guys took aim to find out.

496

00:36:02,000 --> 00:36:06,000

So we had the same kind of tank from the movie, the same kind of gun from the movie,

497

00:36:06,000 --> 00:36:10,000

and a shark that I guess was fake like the movie.

498

00:36:10,000 --> 00:36:14,000

So with all of them lined up, it was go time.

499

00:36:14,000 --> 00:36:16,000

Starting the trigger now.

500

00:36:17,000 --> 00:36:22,000

Oh!

501

00:36:22,000 --> 00:36:28,000

Inside the bunker, the tank had turned torpedo, rocketing around left, right and center.

502

00:36:28,000 --> 00:36:31,000

But an explosion, it wasn't.

503

00:36:31,000 --> 00:36:35,000

But here's the thing, even though our first test was much less spectacular

504

00:36:35,000 --> 00:36:38,000

and didn't result in an explosion, meaning that the myth was busted,

505

00:36:38,000 --> 00:36:43,000

I still feel like it would have a better than even chance of killing

506

00:36:43,000 --> 00:36:45,000

or at least getting that shark away.

507

00:36:45,000 --> 00:36:51,000

Imagine you shoot the front of this tank, it starts to jet air and rockets the tank down into the shark's belly,

508

00:36:51,000 --> 00:36:54,000

embedding himself maybe in his intestines.

509

00:36:54,000 --> 00:36:57,000

If it didn't kill him, at least it would make him go away.

510

00:37:05,000 --> 00:37:11,000

On July 30th, 1945, the USS Indianapolis was torpedoed by a Japanese sub,

511

00:37:11,000 --> 00:37:17,000

resulting in the loss of over 500 men, many of whom were taken by sharks.

512

00:37:17,000 --> 00:37:24,000

On file, several survivors reckoned that a strategy of playing dead was what kept them alive.

513

00:37:24,000 --> 00:37:32,000

And that is something that Carrie Grant and Tori tested in what is absolutely my favorite shark moment on the show.

514

00:37:32,000 --> 00:37:34,000

Ha! Yeah, that's pretty cool.

515

00:37:34,000 --> 00:37:37,000

First, the guys chummed the heck out of the water.

516

00:37:37,000 --> 00:37:40,000

Locktails and appetizers!

517

00:37:40,000 --> 00:37:45,000

And then, in the middle of this feeding frenzy, Grant and Tori jump in.

518

00:37:45,000 --> 00:37:47,000

Oh!

519

00:37:49,000 --> 00:37:52,000

This sucks. This sucks so bad.

520

00:37:52,000 --> 00:37:54,000

This sucks a lot.

521

00:37:54,000 --> 00:38:01,000

But that's not all. Grant has to lie there motionless for ten minutes while Tori thrashes around him.

522

00:38:01,000 --> 00:38:04,000

Ten minutes, can you imagine?

523

00:38:04,000 --> 00:38:07,000

Come on, sharks! Don't get to dinner!

524

00:38:07,000 --> 00:38:11,000

And after ten minutes is up, the guys swap roles.

525

00:38:11,000 --> 00:38:15,000

Now Tori's playing dead and Grant is the one who's panicking and thrashing.

526

00:38:15,000 --> 00:38:18,000

And remember, Grant knows what happened in the first test.

527

00:38:18,000 --> 00:38:24,000

He knows the thrashing diver is going to attract more sharks, which makes test two far scarier.

528

00:38:24,000 --> 00:38:26,000

Help! Help!

529

00:38:27,000 --> 00:38:30,000

I'm no expert, but I would say that Grant was actually panicking.

530

00:38:30,000 --> 00:38:32,000

There's no acting in that.

531

00:38:32,000 --> 00:38:35,000

After all, this is a guy who has a fear of fish touching him.

532

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

And there he is in the middle of the ocean trying to get eaten.

533

00:38:38,000 --> 00:38:41,000

I mean, that's the point of the test. It's classic.

534

00:38:41,000 --> 00:38:47,000

Yep, it sure is a classic, as the guys literally put their lives on the line for science.

535

00:38:47,000 --> 00:38:50,000

Me and E. Horne, they're just hungry!

536

00:38:50,000 --> 00:38:54,000

Although Tori and Grant probably don't remember it quite so fondly.

537

00:38:54,000 --> 00:38:56,000

It was terrifying.

538

00:39:00,000 --> 00:39:01,000

Nothing to touch, man!

539

00:39:02,000 --> 00:39:03,000

No!

540

00:39:07,000 --> 00:39:10,000

Okay, this is it. Drum roll please!

541

00:39:11,000 --> 00:39:24,000

But after punching, eye gouging, dressing up like a knight, mythical ways to attract sharks, mythical ways to repel sharks,

542

00:39:24,000 --> 00:39:27,000

I totally bit the balloon!

543

00:39:27,000 --> 00:39:29,000

and a whole lot of jaw stuff thrown in too.

544

00:39:29,000 --> 00:39:31,000

Smile, you son of a...

545

00:39:31,000 --> 00:39:34,000

You can quite rightly be wondering what is left.

546

00:39:34,000 --> 00:39:39,000

Well, as it turns out, at the top of the list is a myth that we haven't actually tested on the show.

547

00:39:39,000 --> 00:39:42,000

But it's arguably the biggest myth of them all.

548

00:39:42,000 --> 00:39:46,000

And that is that sharks are evil creatures to be avoided at all costs.

549

00:39:46,000 --> 00:39:49,000

And if a bunch of them go extinct, we should celebrate.

550

00:39:49,000 --> 00:39:51,000

That's pretty much it.

551

00:39:51,000 --> 00:39:54,000

But if there's one thing I've learned in all the time that we've been doing this show,

552

00:39:54,000 --> 00:39:59,000

and all the shark myths that we've done, is that sharks are in fact magnificent.

553

00:39:59,000 --> 00:40:03,000

They are beautiful, inspiring, incredible animals.

554

00:40:03,000 --> 00:40:08,000

And sure, while occasionally they happen to kill somebody who ventures into their domain,

555

00:40:08,000 --> 00:40:15,000

you're more likely to be killed by a hot dog, a regular dog, a pig, a horse, a toilet, a vending machine,

556

00:40:15,000 --> 00:40:21,000

a Black Friday Stampede, a lightning, a bed, an ant, a game of football, or a roller coaster.

557

00:40:21,000 --> 00:40:25,000

Sharks account for just five people worldwide each year.

558

00:40:25,000 --> 00:40:30,000

And yet each year humans kill millions upon millions of sharks.

559

00:40:30,000 --> 00:40:36,000

And for what? For shark fin soup? It doesn't even taste that good.

560

00:40:36,000 --> 00:40:41,000

Yep, if there's one thing that this countdown and the 25th anniversary of Shark Week can inspire,

561

00:40:41,000 --> 00:40:46,000

it's to help stop the slaughter of a creature that's been around for 400 million years.

562

00:40:46,000 --> 00:40:52,000

Creatures that have survived the two biggest mass extinction events in geological history.

563

00:40:52,000 --> 00:40:55,000

Let's not have them go extinct on our watch.

564

00:40:55,000 --> 00:40:57,000

Because then we'd have no more of this.

565

00:41:16,000 --> 00:41:21,000

Oh, this is great! Look at him, he's just wondering what the hell to do!

566

00:41:21,000 --> 00:41:23,000

Oh, yeah.

567

00:41:24,000 --> 00:41:27,000

There! We've done it.