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

Please do not try what you are about to see at home.

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

We're what you call experts.

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

Can't you tell?

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

On this shipwrecked episode of Mythbusters.

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

Jamie and I attempt to survive on a deserted island with nothing but a palette of duct tape.

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

That's right, it's duct tape versus wild in the most extraordinary survival challenge in history.

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

Well, it's been almost a full day without water.

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

It's hard.

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

As Adam and Jamie take on Mother Nature using nothing but duct tape.

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

Ow!

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

That hurt.

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

I felt it growls and thirsty.

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

Can they use it to collect water?

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

Why does everything have to be so difficult?

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

Can it stop them from starving?

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00:00:48,000 --> 00:00:53,000

And will it be sink or swim in the ultimate great escape?

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

There we go!

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00:00:56,000 --> 00:01:02,000

How will this mythical material manage in this mother of all trials by taste?

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00:01:02,000 --> 00:01:07,000

Can two grown men get by on a deserted island without driving each other crazy?

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00:01:10,000 --> 00:01:12,000

Who are the Mythbusters?

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00:01:12,000 --> 00:01:14,000

Adam Savage

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00:01:14,000 --> 00:01:16,000

That's disgusting!

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00:01:16,000 --> 00:01:17,000

And Jamie Heineman

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00:01:17,000 --> 00:01:18,000

It's party time.

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00:01:18,000 --> 00:01:23,000

Between them more than 30 years of special effects experience.

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

Together with Brad Imajaro

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

Get away from my car!

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

Carrie Byron

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00:01:27,000 --> 00:01:30,000

You've seen your last martini, 003.

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00:01:30,000 --> 00:01:31,000

And Tori Belach

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00:01:31,000 --> 00:01:33,000

Ha ha ha!

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00:01:33,000 --> 00:01:38,000

They don't just tell the Myths, they put them to the test.

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00:01:44,000 --> 00:01:49,000

Pack your shades and sun hats because it's time to get cast as castaways.

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00:01:51,000 --> 00:01:52,000

What are you so happy about?

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00:01:52,000 --> 00:01:56,000

I'm happy because I'm excited and I'm excited because it's finally time for...

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00:01:56,000 --> 00:01:58,000

Ducktape Special Number 3.

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00:01:58,000 --> 00:02:01,000

Well, hasn't let us down before. What do you have in mind?

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

I'm thinking it's time for us to do something truly spectacular.

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

What? If you were stranded on a deserted island and you could choose only one material to bring with you?

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00:02:10,000 --> 00:02:11,000

What would it be?

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00:02:11,000 --> 00:02:12,000

Ducktape!

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00:02:12,000 --> 00:02:19,000

Exactly! So we strand ourselves on a deserted island and all we have to survive is ducktape and ducktape alone.

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00:02:19,000 --> 00:02:22,000

Well, it certainly would be the ultimate test for ducktape.

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00:02:22,000 --> 00:02:23,000

Exactly!

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00:02:25,000 --> 00:02:31,000

As any castaway will tell you, staying alive on a deserted island is no mean feat.

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00:02:31,000 --> 00:02:34,000

But could ducttape be the survival solution?

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00:02:36,000 --> 00:02:37,000

So what's the plan?

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00:02:37,000 --> 00:02:40,000

Well, of course, first we'd have to be marooned, stranded.

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00:02:41,000 --> 00:02:48,000

And then we'd have to do all the things that you need to do, like find food, water, shelter to survive, using only ducttape.

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00:02:48,000 --> 00:02:52,000

And then I imagine we'd have to get off the island using only ducttape.

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00:02:52,000 --> 00:02:54,000

Oh, what are we waiting for? Let's get shipwrecked.

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00:02:54,000 --> 00:02:55,000

Okay.

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00:02:55,000 --> 00:03:05,000

To survive being marooned in the tropics, there are a series of life and death challenges that the mythbusters, like any castaways, simply have to overcome.

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00:03:05,000 --> 00:03:11,000

The only difference for Adam and Jamie is that they have to overcome them using primarily ducttape.

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00:03:11,000 --> 00:03:14,000

And to get started, there's two things to going to need.

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00:03:15,000 --> 00:03:18,000

First, a not quite deserted tropical island.

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00:03:18,000 --> 00:03:19,000

And second...

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00:03:19,000 --> 00:03:21,000

So where's the ducktape come from?

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00:03:21,000 --> 00:03:25,000

I don't know. Maybe it washes up on the beach, like, over there!

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00:03:26,000 --> 00:03:30,000

A conveniently inexhaustible supply of their favorite fabric.

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00:03:32,000 --> 00:03:35,000

But this much ducktape, we are set!

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00:03:35,000 --> 00:03:37,000

Yeah, we can build just about anything with this.

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00:03:37,000 --> 00:03:38,000

Totally.

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00:03:39,000 --> 00:03:48,000

Fact is, if you do find yourself lost in the woods or on a deserted island, your odds of being found diminish the longer that you are gone.

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00:03:48,000 --> 00:03:54,000

Therefore, one of your first and most primary tasks is to increase your ability to be detected by a search partner.

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00:03:54,000 --> 00:03:59,000

Our plan is to use all this ducktape we've got to make a giant SOS signal.

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

Hopefully somebody will see it if they're flying overhead and come rescue us.

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00:04:03,000 --> 00:04:07,000

Signaling for help is certainly an urgent challenge for any strandee.

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00:04:09,000 --> 00:04:12,000

Oh, the ducktape's acting like a sail!

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00:04:12,000 --> 00:04:16,000

But in the tropical heat, it's also a dangerous one.

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00:04:16,000 --> 00:04:24,000

It's hot and it's windy, and if you're moving around a lot trying to do stuff with no water, it gets pretty uncomfortable pretty quickly.

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00:04:24,000 --> 00:04:29,000

And pretty soon, it's already too uncomfortable for Adam to continue.

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

Hey, Jamie?

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00:04:30,000 --> 00:04:31,000

Yeah?

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00:04:31,000 --> 00:04:36,000

Um, the sun has killed me. I'm going to have to stop because otherwise I'm just going to fry.

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00:04:36,000 --> 00:04:37,000

Okay.

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00:04:38,000 --> 00:04:42,000

Now the sun and I, we have always had an agreement to disagree.

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

I don't like him, and he doesn't like me.

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00:04:44,000 --> 00:04:52,000

So if I'm going to get any substance of work done, I'm going to have to protect my head so that I can see and not get super sunburn.

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00:04:52,000 --> 00:04:54,000

Oh, this wind is brutal!

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00:04:56,000 --> 00:04:58,000

It's a crucial change, of course.

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00:04:58,000 --> 00:05:01,000

Sun exposure is actually something to be avoided.

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00:05:01,000 --> 00:05:11,000

Not only can UV rays burn skin, but even mild exposure can cause dizziness, nausea and fever, all of which could compromise our desert island survival.

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00:05:11,000 --> 00:05:19,000

Which is why Adam's sticky stetson, oh, this is great, is a tangent worth taking.

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00:05:19,000 --> 00:05:22,000

Alright, let's get back to work.

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00:05:22,000 --> 00:05:24,000

I'm back.

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00:05:24,000 --> 00:05:25,000

Oh, nice hat.

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00:05:25,000 --> 00:05:26,000

Thank you.

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00:05:26,000 --> 00:05:28,000

With a reinvigorated Adam.

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00:05:28,000 --> 00:05:30,000

Yeah, we're talking.

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00:05:30,000 --> 00:05:34,000

It's not long before their giant sign looms large.

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00:05:34,000 --> 00:05:41,000

Well, our SOS signal is nice and large, and most importantly, it doesn't look like it belongs here.

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00:05:41,000 --> 00:05:46,000

It's unnatural, which is what you want to catch somebody's eye from a plane overhead.

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00:05:46,000 --> 00:05:52,000

The only bad thing about the duct tape is that while it is slightly reflective, it's gray.

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00:05:52,000 --> 00:05:58,000

It's not the most optimal thing to catch somebody's eye, but we're using what we have, so it'll have to do.

96

00:05:58,000 --> 00:06:08,000

Covering 900 square feet and visible from four miles up, the giant duct tape SOS is a good start for our canny castaways,

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00:06:08,000 --> 00:06:13,000

but Task 2 is something that's much more do or die.

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00:06:13,000 --> 00:06:16,000

The next thing that is at the very top of our list is water.

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00:06:16,000 --> 00:06:19,000

We need fresh water and we need it soon.

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00:06:19,000 --> 00:06:21,000

Ow, fan's hot.

101

00:06:21,000 --> 00:06:24,000

That means that we've either got to make it or we've got to find it.

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00:06:24,000 --> 00:06:31,000

One way or another, we've got to be able to move around well to do that, and that means that we need shoes.

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00:06:31,000 --> 00:06:37,000

Here's the thing. This ground is really not very friendly, and if I were to puncture my feet, I could get an infection,

104

00:06:37,000 --> 00:06:43,000

I could get a parasite that would put me way out of commission and compromise my survival significantly.

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00:06:43,000 --> 00:06:49,000

Despite being tremendously thirsty, making shoes is another safety first approach.

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00:06:49,000 --> 00:06:51,000

This looks like a good spot.

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00:06:51,000 --> 00:06:56,000

After all, going lame before finding water would be very bad news indeed.

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00:06:56,000 --> 00:07:01,000

Now, a long time ago, people discovered that leather was a great thing to make shoes out of.

109

00:07:01,000 --> 00:07:03,000

I'm going for a Roman sandal type thing.

110

00:07:03,000 --> 00:07:04,000

Me too.

111

00:07:04,000 --> 00:07:13,000

As it happens not long ago, in fact, we made a duct tape boat, and we found when we were working with it that it was very, very similar to leather.

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00:07:13,000 --> 00:07:19,000

So, that means that duct tape is actually a perfect material to make shoes out of.

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

I'm getting cautiously optimistic about these.

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00:07:22,000 --> 00:07:29,000

Despite the tremendous tropical heat, the guys cobble their way through rips, twists,

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00:07:29,000 --> 00:07:31,000

Look at that. Instant rope.

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00:07:31,000 --> 00:07:32,000

and turns.

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00:07:32,000 --> 00:07:33,000

Dude, check it out.

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00:07:33,000 --> 00:07:35,000

Those look great.

119

00:07:35,000 --> 00:07:39,000

until both sets of shoes are all set.

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00:07:39,000 --> 00:07:43,000

Well, my shoes are completed. They're light, they're comfy.

121

00:07:43,000 --> 00:07:47,000

I'm not sure exactly how well they're going to hold up, but the best part about their being made of duct tape

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00:07:47,000 --> 00:07:50,000

is that it doesn't matter. They're infinitely repairable.

123

00:07:50,000 --> 00:07:51,000

Well, there we go.

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00:07:51,000 --> 00:07:53,000

Those look great. You know what I am?

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00:07:53,000 --> 00:07:54,000

What?

126

00:07:54,000 --> 00:07:56,000

I'm freaking thirsty.

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00:07:56,000 --> 00:07:57,000

Well, let's go get some water.

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00:07:57,000 --> 00:07:58,000

All right.

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00:07:59,000 --> 00:08:04,000

With their footwear finished, the guys can finally begin the hunt for some H₂O.

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

Water is essential to life.

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00:08:06,000 --> 00:08:13,000

A person can go for about three weeks without food, but they can go only about three days without water.

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00:08:13,000 --> 00:08:16,000

Water is our number one priority.

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00:08:17,000 --> 00:08:19,000

There's got to be water around here somewhere.

134

00:08:19,000 --> 00:08:21,000

It really helps out.

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00:08:21,000 --> 00:08:28,000

It's been hours since their last drink, and staying positive ain't easy.

136

00:08:28,000 --> 00:08:31,000

Not only am I thirsty, I'm cranky.

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00:08:31,000 --> 00:08:36,000

But with dust not far away, Adam at last thinks he's struck gold.

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

Oh, thank god.

139

00:08:38,000 --> 00:08:40,000

Hold on there, cowboy. I wouldn't even touch that.

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00:08:40,000 --> 00:08:41,000

Why?

141

00:08:41,000 --> 00:08:44,000

This is stagnant water. You'll get sick.

142

00:08:44,000 --> 00:08:46,000

With how thirsty I am, we can't drink any of this?

143

00:08:46,000 --> 00:08:48,000

Nah, we got to do it right.

144

00:08:48,000 --> 00:08:49,000

Crack.

145

00:08:49,000 --> 00:08:52,000

Look, when it comes to water, there are certain things that you just can't do.

146

00:08:52,000 --> 00:08:55,000

You can't drink salt water. You can't drink your own urine.

147

00:08:55,000 --> 00:08:59,000

You can't drink murky, still stagnant water.

148

00:08:59,000 --> 00:09:04,000

If you do any of those things, you'll end up losing more water than you'll gain.

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00:09:04,000 --> 00:09:05,000

That's all there is to it.

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00:09:05,000 --> 00:09:06,000

Jamie's right.

151

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

The smell alone says that this water is not for drinking, and that's not the only bad news.

152

00:09:12,000 --> 00:09:14,000

Dude, it's getting dark.

153

00:09:14,000 --> 00:09:19,000

Yeah, I think we need to stop trying to find water and find a place to sleep instead.

154

00:09:19,000 --> 00:09:20,000

Okay.

155

00:09:20,000 --> 00:09:22,000

It's the survivor's worst-case scenario.

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00:09:22,000 --> 00:09:26,000

With the daylight fading, the guys have to abandon their search for water

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00:09:26,000 --> 00:09:29,000

and instead make an emergency camp.

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00:09:29,000 --> 00:09:33,000

Let's just make some mats so we don't have to lay on the bare ground.

159

00:09:33,000 --> 00:09:40,000

With no time to waste, their only option is to literally tape a duct tape sheet straight to the ground.

160

00:09:41,000 --> 00:09:46,000

Oh, with any luck, the bugs will get stuck on the adhesive instead of crawling on you.

161

00:09:47,000 --> 00:09:51,000

It's not a good wrap to a not very good day.

162

00:09:51,000 --> 00:09:55,000

There are days when I've been proud of the work that we've done on this show.

163

00:09:55,000 --> 00:09:57,000

Escaping from an underwater car.

164

00:09:57,000 --> 00:09:58,000

I survived!

165

00:09:58,000 --> 00:10:01,000

Firing the world's first hail rocket.

166

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

Today is not one of those days.

167

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

We built some stuff, but we did not succeed in getting food.

168

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

We definitely did not succeed in getting water, and consequently, I am both thirsty,

169

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

famished, uncomfortable, and really tired.

170

00:10:17,000 --> 00:10:21,000

Honestly, I'm a little daunted about what tomorrow holds.

171

00:10:22,000 --> 00:10:23,000

Still to come.

172

00:10:23,000 --> 00:10:27,000

On November 14th, Adam Savage and Jamie Heidemann were removed from civilization

173

00:10:27,000 --> 00:10:30,000

with only their wits and duct tape to survive.

174

00:10:31,000 --> 00:10:32,000

Ow.

175

00:10:38,000 --> 00:10:43,000

You know, there's an awful lot of footprints on this beach for it being a deserted island and all.

176

00:10:43,000 --> 00:10:46,000

That's not to think about that. You drive yourself crazy.

177

00:10:46,000 --> 00:10:50,000

The Mythbusters started their duct tape survival special with high hopes.

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00:10:50,000 --> 00:10:55,000

We're stranded on a deserted island with nothing but several miles of duct tape.

179

00:10:55,000 --> 00:10:58,000

I'm feeling pretty optimistic about our chances for survival.

180

00:10:58,000 --> 00:11:01,000

And although day one didn't go according to plan...

181

00:11:01,000 --> 00:11:03,000

And can't ring any of this?

182

00:11:03,000 --> 00:11:04,000

Raph.

183

00:11:05,000 --> 00:11:08,000

They're beginning day two by trying to stay upbeat.

184

00:11:08,000 --> 00:11:10,000

You might as well take this with us.

185

00:11:12,000 --> 00:11:13,000

That's nasty.

186

00:11:17,000 --> 00:11:21,000

Well, I suppose we could take the two of these we made and put them together

187

00:11:21,000 --> 00:11:23,000

and we'd had a nice mattress.

188

00:11:24,000 --> 00:11:29,000

There's no doubt that they are in a sticky situation, but with shoes refitted...

189

00:11:29,000 --> 00:11:31,000

Not pretty, but they get the job done.

190

00:11:31,000 --> 00:11:35,000

Adam grabs some duct tape and sets off to try to find drinkable water.

191

00:11:37,000 --> 00:11:38,000

Good walking stick.

192

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

This time he's heading in the opposite direction to yesterday's route.

193

00:11:44,000 --> 00:11:46,000

Clearly these plants are all getting their water from somewhere.

194

00:11:46,000 --> 00:11:48,000

I just need to find it.

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00:11:48,000 --> 00:11:53,000

By following the lush vegetation, he hopes to increase his chances of finding a water source.

196

00:11:53,000 --> 00:11:56,000

But it's still no walk in the park.

197

00:11:56,000 --> 00:11:58,000

I've been walking around for a while.

198

00:11:58,000 --> 00:12:00,000

And I still haven't found any water.

199

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

And what we have here is a classic catch 22.

200

00:12:03,000 --> 00:12:05,000

I need water.

201

00:12:05,000 --> 00:12:09,000

And I'm burning through a lot of it just to try and find water.

202

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

If I don't find it soon, it's going to be bad.

203

00:12:12,000 --> 00:12:15,000

So let's hope Jamie can do better.

204

00:12:15,000 --> 00:12:18,000

It's hot out here and I'm thirsty.

205

00:12:18,000 --> 00:12:21,000

I got water everywhere, but not a drop to drink.

206

00:12:21,000 --> 00:12:27,000

Except I can make fresh water out of this salt water.

207

00:12:27,000 --> 00:12:30,000

With the sun's help and some duct tape.

208

00:12:30,000 --> 00:12:33,000

It may sound as though Jamie's been in the sun too long.

209

00:12:33,000 --> 00:12:35,000

It's already getting moist.

210

00:12:35,000 --> 00:12:40,000

But his fresh water from salt water idea is rooted in reality.

211

00:12:40,000 --> 00:12:42,000

I found water.

212

00:12:42,000 --> 00:12:46,000

He's going to build a device called a solar still.

213

00:12:46,000 --> 00:12:52,000

Which is considerably more complicated than finding salty water in a sandy hole.

214

00:12:52,000 --> 00:12:57,000

A solar still uses the sun's rays and condensation to collect water.

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00:12:57,000 --> 00:12:59,000

And here's how.

216

00:12:59,000 --> 00:13:01,000

The hole I dug is deep enough that it's wet with salt water.

217

00:13:01,000 --> 00:13:05,000

Now at the bottom I'll place a collection of cup that I've made from duct tape.

218

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

Then above the hole I'm going to put some clear plastic sheeting.

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00:13:09,000 --> 00:13:14,000

The hot sun shines through that and evaporates the water from the sand, leaving the salt behind.

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00:13:14,000 --> 00:13:18,000

The water vapor then condenses on the cool inside of the plastic surface

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00:13:18,000 --> 00:13:21,000

and drips down into the cup as pure drinkable water.

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00:13:21,000 --> 00:13:24,000

That's the theory at least. Let's see how well it works.

223

00:13:24,000 --> 00:13:29,000

Well, having made his well and taped up a collection cup.

224

00:13:29,000 --> 00:13:32,000

Well, there it is. Guarantee it's waterproof.

225

00:13:32,000 --> 00:13:35,000

All that's missing is the clear plastic overshoot.

226

00:13:35,000 --> 00:13:39,000

And for that, Jamie is bending the duct tape rules.

227

00:13:39,000 --> 00:13:43,000

I'm making a duct tape spider web as a framework.

228

00:13:43,000 --> 00:13:47,000

We wish to hold together this stuff. Shrink wrap.

229

00:13:47,000 --> 00:13:49,000

Now I know what you're saying it's not duct tape.

230

00:13:49,000 --> 00:13:53,000

So why are we using it? Well, it did come on the duct tape pallet.

231

00:13:53,000 --> 00:13:59,000

I don't know what I'm going to use this stuff for, but I bet you it's going to come in real handy.

232

00:13:59,000 --> 00:14:03,000

And, you know, it's survival. We've got to use everything at our disposal.

233

00:14:03,000 --> 00:14:07,000

The thing is that all these little pieces don't really help us so much,

234

00:14:07,000 --> 00:14:11,000

but once they're held together into one big sheet, we're golden.

235

00:14:11,000 --> 00:14:16,000

There we go. Hopefully I didn't use more water making it than it'll make for me.

236

00:14:17,000 --> 00:14:21,000

The last step is to carefully position the sheet over the hole.

237

00:14:21,000 --> 00:14:23,000

There we go. That's the ticket.

238

00:14:23,000 --> 00:14:27,000

And almost immediately there are encouraging signs.

239

00:14:27,000 --> 00:14:32,000

All that fog that you can already see forming on the underside of the plastic is what this is all about.

240

00:14:32,000 --> 00:14:37,000

It's picking up the moisture from the damp sand, which is evaporating, collecting on the plastic,

241

00:14:37,000 --> 00:14:43,000

and eventually those will form larger and larger droplets, which will run downhill into my collection container.

242

00:14:43,000 --> 00:14:45,000

Now we just have to wait.

243

00:14:46,000 --> 00:14:51,000

It's the moment of truth. Two hours cooking in the midday sun. What's the verdict?

244

00:14:51,000 --> 00:14:59,000

Well, there it is. That's pure water, but that's like a quarter of a cup.

245

00:14:59,000 --> 00:15:04,000

With less than 5% of their daily watery needs, it's a disappointing result.

246

00:15:04,000 --> 00:15:07,000

Why does everything have to be so difficult?

247

00:15:07,000 --> 00:15:12,000

But back at the rumble in the jungle, Adams welling up with excitement.

248

00:15:14,000 --> 00:15:16,000

It's fresh.

249

00:15:16,000 --> 00:15:24,000

All right, water bottles. Half my task is done. I have found fresh water, no small feat, and that's really important for our survival.

250

00:15:24,000 --> 00:15:29,000

Now I simply have to get it back. So I'm going to build something to carry the water.

251

00:15:29,000 --> 00:15:35,000

But in the middle of the bush, ah, beeping mosquitoes.

252

00:15:35,000 --> 00:15:38,000

That's something that's not as easy as it sounds.

253

00:15:39,000 --> 00:15:41,000

I would kill for a workbench right about now.

254

00:15:41,000 --> 00:15:48,000

Adams making a kind of tubular bottle that should hold about 10 pints of water, provided of course that it doesn't leak.

255

00:15:48,000 --> 00:15:54,000

If I get a single wrinkle in this seam, it's a place where water can get out. Can't have that.

256

00:15:54,000 --> 00:15:58,000

Water's got to go from the pond, into here, into here.

257

00:15:58,000 --> 00:16:04,000

It's a painstaking operation, but eventually there's only one thing left to do.

258

00:16:04,000 --> 00:16:06,000

Oh, oh, oh, it's cold.

259

00:16:06,000 --> 00:16:08,000

Fill it up.

260

00:16:09,000 --> 00:16:13,000

Fill up, baby. Come on. Please hold up.

261

00:16:13,000 --> 00:16:15,000

First impressions are good.

262

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

It's working.

263

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

And second impressions are even better.

264

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

It seems to be holding.

265

00:16:27,000 --> 00:16:31,000

Awesome. I better get back to Jamie. I bet he's thirsty.

266

00:16:32,000 --> 00:16:35,000

It's the most crucial survival challenge overcome.

267

00:16:35,000 --> 00:16:39,000

Thanks incredibly to duct tape shoes and a duct tape water vessel,

268

00:16:39,000 --> 00:16:42,000

Adams sourced a never ending water supply.

269

00:16:42,000 --> 00:16:45,000

And that means things are finally looking up.

270

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

Because for the time being at least, the mythbusters are not going to drop down.

271

00:16:50,000 --> 00:16:52,000

Had it in the solar, it still worked.

272

00:16:52,000 --> 00:16:55,000

Well, it worked, but I only got about a half a cup.

273

00:16:55,000 --> 00:16:57,000

Well, I have some good news.

274

00:16:57,000 --> 00:17:00,000

Ah, how about six liters worth?

275

00:17:00,000 --> 00:17:02,000

That's fantastic.

276

00:17:02,000 --> 00:17:04,000

The hunt was worth it.

277

00:17:04,000 --> 00:17:06,000

Oh, look at that.

278

00:17:06,000 --> 00:17:08,000

Cheers.

279

00:17:09,000 --> 00:17:11,000

Oh, that's good.

280

00:17:11,000 --> 00:17:13,000

You know what I'm ready for now?

281

00:17:13,000 --> 00:17:15,000

A nice fat juicy steak.

282

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

Time for food?

283

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

Yeah. Let's do it.

284

00:17:19,000 --> 00:17:21,000

Next, will dinner be served?

285

00:17:21,000 --> 00:17:23,000

It's a chicken.

286

00:17:23,000 --> 00:17:25,000

Which is not a euphemism.

287

00:17:25,000 --> 00:17:27,000

It's harder than I thought.

288

00:17:31,000 --> 00:17:38,000

Without doubt, tropical islands could be the very epitome of paradise on earth.

289

00:17:38,000 --> 00:17:44,000

Yet for the mythbusters, it's been more a case of paradise lost.

290

00:17:44,000 --> 00:17:46,000

Save us.

291

00:17:46,000 --> 00:17:49,000

But having finally quenched their thirst,

292

00:17:49,000 --> 00:17:52,000

their duct tape survival is improving.

293

00:17:52,000 --> 00:17:57,000

Well, now that we've got fresh water, it's time to figure out how to get food.

294

00:17:57,000 --> 00:18:02,000

Adam's going to tackle the land, and I'm going to tackle the sea.

295

00:18:02,000 --> 00:18:04,000

With the hunger clock ticking,

296

00:18:04,000 --> 00:18:07,000

Jamie decides there's only one solution.

297

00:18:07,000 --> 00:18:08,000

Spear fishing.

298

00:18:08,000 --> 00:18:09,000

There we go.

299

00:18:09,000 --> 00:18:13,000

And while Mother Nature does provide the main component,

300

00:18:13,000 --> 00:18:16,000

Give it up, tree. You're going to lose.

301

00:18:16,000 --> 00:18:19,000

Duct tape is an integral part.

302

00:18:19,000 --> 00:18:21,000

I might be able to do something with that.

303

00:18:21,000 --> 00:18:25,000

There are three things that I can do with the duct tape to help make a spear.

304

00:18:25,000 --> 00:18:30,000

First, it'll allow me to attach and easily replace multiple points on the tip.

305

00:18:30,000 --> 00:18:31,000

Perfect.

306

00:18:31,000 --> 00:18:36,000

I dare say any little fish or critter wouldn't really want to get stuck by that.

307

00:18:36,000 --> 00:18:40,000

Then I can also use it to mark the balance point of the shaft,

308

00:18:40,000 --> 00:18:42,000

which will help with accuracy.

309

00:18:42,000 --> 00:18:44,000

There we go.

310

00:18:44,000 --> 00:18:49,000

And finally, the line on the end will help me retrieve it once I've thrown it.

311

00:18:49,000 --> 00:18:52,000

I'm going to go catch me some fish.

312

00:18:53,000 --> 00:18:57,000

Meanwhile, in the forest, Adam's on a wild chicken run.

313

00:18:57,000 --> 00:18:58,000

Literally.

314

00:19:01,000 --> 00:19:05,000

I'm really hungry, and I saw some chickens out here.

315

00:19:05,000 --> 00:19:07,000

Wild chickens are good-eating.

316

00:19:09,000 --> 00:19:10,000

It flies.

317

00:19:11,000 --> 00:19:13,000

Nobody told me chickens could fly.

318

00:19:16,000 --> 00:19:20,000

Clearly chasing them is a low percentage game.

319

00:19:20,000 --> 00:19:24,000

I'm going to need to outsmart them and make some kind of trap.

320

00:19:24,000 --> 00:19:27,000

I'm thinking a snare.

321

00:19:28,000 --> 00:19:34,000

Usually, consisting of an anchored wire noose, snare traps are one of the simplest of all hunting tools.

322

00:19:34,000 --> 00:19:38,000

But can one made of woven duct tape really work?

323

00:19:39,000 --> 00:19:42,000

Thank God I studied all that Paton Toro.

324

00:19:43,000 --> 00:19:47,000

Now, the whole idea of the snare is that this loop sits unassumingly on the ground

325

00:19:47,000 --> 00:19:50,000

until a chicken walks by it, and then I yank it.

326

00:19:50,000 --> 00:19:53,000

And hopefully I catch a chicken by the leg.

327

00:19:54,000 --> 00:19:56,000

Now it's a waiting game.

328

00:19:56,000 --> 00:20:00,000

And while Adam waits, let's cut to the chase with Jamie.

329

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

Well, what I've got to do is pretty straightforward.

330

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

To spot a fish in spirit.

331

00:20:06,000 --> 00:20:10,000

Like snaring a chicken, it sounds easy in theory.

332

00:20:10,000 --> 00:20:12,000

Okay, fish.

333

00:20:12,000 --> 00:20:14,000

Hold still.

334

00:20:15,000 --> 00:20:19,000

Oh, but in practice, yeah, it's a beach.

335

00:20:19,000 --> 00:20:22,000

Oh, I'm not leaving here without dinner.

336

00:20:22,000 --> 00:20:26,000

On the plus side though, the duct tape spear is holding up well.

337

00:20:26,000 --> 00:20:28,000

I like my little string.

338

00:20:28,000 --> 00:20:30,000

It works like a treat.

339

00:20:30,000 --> 00:20:33,000

Now if I can just get the fish to hold still.

340

00:20:33,000 --> 00:20:38,000

Just like fishing with a rod and reel, spear fishing is all about patience.

341

00:20:38,000 --> 00:20:43,000

It's not like they're going to sit there like ducks and wait for you to spear them.

342

00:20:43,000 --> 00:20:48,000

You've got to just hang out, wait for the right time, and then throw.

343

00:20:48,000 --> 00:20:51,000

And there's no time like the present.

344

00:20:53,000 --> 00:20:55,000

Yeah!

345

00:20:55,000 --> 00:20:57,000

It's about time.

346

00:20:57,000 --> 00:20:59,000

At last, he's nailed it.

347

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

Oh yeah, baby.

348

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

Sushi for dinner.

349

00:21:03,000 --> 00:21:04,000

It's a great result.

350

00:21:04,000 --> 00:21:07,000

Sorry, little buddy, it's for a good pause.

351

00:21:07,000 --> 00:21:08,000

Yeah, I know.

352

00:21:08,000 --> 00:21:13,000

Especially because in the jungle, Adam's snare affair is a duck.

353

00:21:13,000 --> 00:21:15,000

Damn!

354

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

Consequently, he's been busy taping up Plan C.

355

00:21:19,000 --> 00:21:23,000

Having been unable to coax a bird into my snare, I've changed direction,

356

00:21:23,000 --> 00:21:26,000

and I'm not actually building a duct tape spider web here.

357

00:21:26,000 --> 00:21:29,000

I'm building a net that'll lay across the forest floor,

358

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

and when a chicken walks across it, I'll snatch him up.

359

00:21:32,000 --> 00:21:34,000

Kind of like the Ewoks from Star Wars.

360

00:21:34,000 --> 00:21:39,000

Fine, because if anyone knows about Hunting and Forest, it's the Ewoks.

361

00:21:39,000 --> 00:21:41,000

Getting close.

362

00:21:41,000 --> 00:21:43,000

Now it's time to conceal it.

363

00:21:43,000 --> 00:21:45,000

So surely this is a home run.

364

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

The net is concealed on the forest floor here.

365

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

I'm hoping to chase the chicken through from this direction,

366

00:21:51,000 --> 00:21:54,000

and I could be as far back as 15 feet behind him,

367

00:21:54,000 --> 00:21:57,000

and I've got to just lean on this line,

368

00:21:57,000 --> 00:22:01,000

and all of these sidelines go up along with the net, along with the chicken.

369

00:22:01,000 --> 00:22:03,000

And that's dinner.

370

00:22:04,000 --> 00:22:10,000

Moments later, Adam carefully corrals some passing poultry into the danger zone,

371

00:22:10,000 --> 00:22:12,000

until...

372

00:22:12,000 --> 00:22:15,000

Hey! Oh, no!

373

00:22:17,000 --> 00:22:19,000

He got away!

374

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

He squirted right out this side.

375

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

The forest is strong with this one.

376

00:22:25,000 --> 00:22:27,000

There he is, taunting me.

377

00:22:27,000 --> 00:22:31,000

Taunting me is like in your face, Mythbluster.

378

00:22:31,000 --> 00:22:35,000

But a quick reset later, and Adam's soon on the prowl once more.

379

00:22:42,000 --> 00:22:44,000

I got it! I got the chicken!

380

00:22:46,000 --> 00:22:48,000

Look! Look! Look!

381

00:22:49,000 --> 00:22:50,000

My net!

382

00:22:50,000 --> 00:22:52,000

My net cut the chicken!

383

00:22:54,000 --> 00:22:56,000

How are you doing there, buddy?

384

00:22:56,000 --> 00:23:00,000

We're gonna eat good tonight.

385

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

Ain't that the truth?

386

00:23:02,000 --> 00:23:07,000

With two food groups captured in one day, it's another tick for the talented tape.

387

00:23:07,000 --> 00:23:10,000

But before moving on to the next survival challenge,

388

00:23:10,000 --> 00:23:13,000

here's a quick word from our sponsor.

389

00:23:13,000 --> 00:23:18,000

For those of you playing at home, I just want to be clear that this is in fact a wild chicken of Hawaii,

390

00:23:18,000 --> 00:23:21,000

and we did chase it, and we did catch it in my net.

391

00:23:21,000 --> 00:23:24,000

We are not, however, going to kill it, cook it, and eat it.

392

00:23:24,000 --> 00:23:27,000

The tick and you see us eating later in the episode, it was store bought.

393

00:23:27,000 --> 00:23:30,000

Next on Mythbusters, this mighty homie.

394

00:23:30,000 --> 00:23:32,000

Adam and JV sharpen up their shelter.

395

00:23:32,000 --> 00:23:34,000

By the way, what's with the chicken?

396

00:23:34,000 --> 00:23:38,000

Oh, well, that's Wilson. He's my new friend.

397

00:23:41,000 --> 00:23:43,000

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

398

00:23:43,000 --> 00:23:47,000

We're what you call experts. Yeah.

399

00:23:48,000 --> 00:23:54,000

Food has featured in many an episode of Mythbusters.

400

00:23:54,000 --> 00:23:59,000

That is so wrong.

401

00:23:59,000 --> 00:24:02,000

But rarely is it ever actually eaten.

402

00:24:02,000 --> 00:24:04,000

Tenderizing steak with explosives.

403

00:24:07,000 --> 00:24:11,000

But on day three of this duct tape survival special,

404

00:24:11,000 --> 00:24:13,000

I got the chicken.

405

00:24:13,000 --> 00:24:15,000

Food is finally on the menu.

406

00:24:15,000 --> 00:24:17,000

Yeah, sushi for dinner.

407

00:24:17,000 --> 00:24:21,000

Provided, of course, that the Mythbusters can cook up.

408

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

It's time to do the most primordial of human inventions.

409

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

It's time to build a fire.

410

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

How is this going to work?

411

00:24:28,000 --> 00:24:30,000

Jesus, I'm crow. Come on.

412

00:24:30,000 --> 00:24:34,000

It's going to work by friction, specifically the friction between this piece of wood

413

00:24:34,000 --> 00:24:38,000

and a base piece of wood created by what's called a friction bow.

414

00:24:38,000 --> 00:24:42,000

I have a duct tape string stretched on a piece of bamboo,

415

00:24:42,000 --> 00:24:47,000

and I will roll it back and forth, which will cause this stick to spin very rapidly,

416

00:24:47,000 --> 00:24:51,000

hopefully creating enough friction to create an ember, which will be the germ of my fire.

417

00:24:51,000 --> 00:24:56,000

The so-called bow drill is one of the most traditional ways to start a flame.

418

00:24:56,000 --> 00:24:59,000

I don't want to get optimistic yet.

419

00:24:59,000 --> 00:25:02,000

It's also one of the hardest.

420

00:25:05,000 --> 00:25:08,000

Oh, no, no, no, no, no, no, no, no, no, no, no.

421

00:25:12,000 --> 00:25:20,000

But Adam tries, tries, and tries again, until at last his duct tape bow goes ballistic.

422

00:25:24,000 --> 00:25:27,000

I got it, Jimmy! I got it!

423

00:25:27,000 --> 00:25:30,000

It took for freakin' ever!

424

00:25:30,000 --> 00:25:34,000

And once the fire really takes hold, now we're cooking.

425

00:25:34,000 --> 00:25:38,000

It's not long before dinner is served.

426

00:25:38,000 --> 00:25:40,000

Not bad living here on the deserted island.

427

00:25:40,000 --> 00:25:43,000

Yep, nothing beats home cooking.

428

00:25:43,000 --> 00:25:45,000

Nope.

429

00:25:45,000 --> 00:25:51,000

With food and fire now sorted, the real life and death hurdles have been cleared comfortably.

430

00:25:51,000 --> 00:25:55,000

But there's a lot more to taming an island paradise than that.

431

00:25:55,000 --> 00:25:59,000

And next, it's time to better their abode.

432

00:25:59,000 --> 00:26:04,000

So as a new day dawns, Adam's searching for some respectable real estate.

433

00:26:04,000 --> 00:26:07,000

And, uh, this'll do.

434

00:26:07,000 --> 00:26:13,000

Ah! Look at that! It's beautiful!

435

00:26:13,000 --> 00:26:19,000

It's like a cathedral. This is the perfect place for us to set up a more permanent camp.

436

00:26:19,000 --> 00:26:23,000

Ah! I love it!

437

00:26:23,000 --> 00:26:27,000

One of the reasons this place is perfect is I can string a couple of hammocks.

438

00:26:27,000 --> 00:26:31,000

Hammocks are great, not just because they're comfy.

439

00:26:31,000 --> 00:26:34,000

Thank you, thank you, thank you.

440

00:26:34,000 --> 00:26:38,000

But in an unfamiliar place, you don't really want to sleep on the ground.

441

00:26:38,000 --> 00:26:42,000

You don't want to give yourself such easy access to things like, I don't know,

442

00:26:42,000 --> 00:26:48,000

centipedes and scorpions and other things I don't want to think about.

443

00:26:48,000 --> 00:26:54,000

Adam, how can we use up all our good duct tape rope on those hammocks?

444

00:26:54,000 --> 00:26:58,000

Jamie, I've stranded on a deserted island for weeks.

445

00:26:58,000 --> 00:27:01,000

I want to be comfortable when I sleep.

446

00:27:01,000 --> 00:27:06,000

I don't really care how I sleep. I sleep on a pile of rocks and millipedes.

447

00:27:06,000 --> 00:27:08,000

I wouldn't care.

448

00:27:08,000 --> 00:27:11,000

Alright, here goes nothing.

449

00:27:20,000 --> 00:27:22,000

Wow, this is seriously comfortable.

450

00:27:22,000 --> 00:27:26,000

Like, I'm not even kidding, for television, comfortable.

451

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

As home renovations go, it's a solid start.

452

00:27:30,000 --> 00:27:35,000

But there's much more to this castaway crib than good hang time.

453

00:27:36,000 --> 00:27:40,000

Oh, hello! I'm so glad you stopped by. Welcome to Banyan Estates.

454

00:27:40,000 --> 00:27:42,000

Can I give you the grand tour?

455

00:27:42,000 --> 00:27:48,000

This is the master accommodations with the master bed and shelter and rain catcher all in one

456

00:27:48,000 --> 00:27:53,000

with a nice foot mat so one can get in and out of bed without having to wear shoes.

457

00:27:53,000 --> 00:27:58,000

The guest accommodations are almost as nice with the guest rain catcher and roof

458

00:27:58,000 --> 00:28:02,000

along with extra rope for anything that needs rope.

459

00:28:02,000 --> 00:28:06,000

It's all the comforts of home on your own deserted island.

460

00:28:07,000 --> 00:28:12,000

And if that weren't enough, I can't tell you how good it is to sit after all this time.

461

00:28:12,000 --> 00:28:17,000

Adam goes the extra myth busters mile by building a table and chairs.

462

00:28:17,000 --> 00:28:18,000

Now for the pieces.

463

00:28:18,000 --> 00:28:24,000

And a chess set, which should give their duct tape camp that little bit of luxury.

464

00:28:24,000 --> 00:28:25,000

Ha, ha, hey!

465

00:28:29,000 --> 00:28:33,000

Meanwhile, Jamie's been taking an experimental tangent.

466

00:28:33,000 --> 00:28:39,000

These waves make me wonder, maybe I could make a surfboard, not a duct tape.

467

00:28:40,000 --> 00:28:45,000

Yep, with hunger and thirst no longer an issue, Jamie's decided to get gnarly.

468

00:28:46,000 --> 00:28:49,000

The surfboard came together pretty much the way that I had planned.

469

00:28:49,000 --> 00:28:55,000

It's four pontoons that are all taped together into one big thing that is the size and shape of the surfboard,

470

00:28:55,000 --> 00:28:58,000

more or less, and I imagine it'll work like one.

471

00:28:59,000 --> 00:29:00,000

Time to go surfing.

472

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

Despite the optimism, there is a major drawback.

473

00:29:06,000 --> 00:29:07,000

Oh, look at that!

474

00:29:08,000 --> 00:29:10,000

Jamie's never surfed in his life.

475

00:29:11,000 --> 00:29:12,000

Ha, ha!

476

00:29:13,000 --> 00:29:19,000

And learning on a slightly leaky duct tape surfboard was never going to be plain sailing.

477

00:29:26,000 --> 00:29:27,000

There we go.

478

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

Well, that was exhausting.

479

00:29:32,000 --> 00:29:34,000

I'm actually kind of happy with it.

480

00:29:34,000 --> 00:29:40,000

Because I learned that while duct tape is okay at sealing things up, it's not perfect.

481

00:29:40,000 --> 00:29:42,000

It eventually stuck in the leak.

482

00:29:42,000 --> 00:29:43,000

Oh!

483

00:29:46,000 --> 00:29:50,000

So if you build something that's relying on sealed pontoon,

484

00:29:50,000 --> 00:29:55,000

then you're screwed because you've got no ability to bail it or empty it out in any way,

485

00:29:55,000 --> 00:29:57,000

and it's going to sink.

486

00:29:57,000 --> 00:30:02,000

So failure as a surfboard, yes, but failure is a failure.

487

00:30:02,000 --> 00:30:06,000

Failure as a surfboard, yes, but success is an experiment.

488

00:30:07,000 --> 00:30:10,000

And that's not the only success, because physical exercise,

489

00:30:13,000 --> 00:30:15,000

along with mental stimulation,

490

00:30:15,000 --> 00:30:17,000

I don't think we've ever actually played a game of chess together before,

491

00:30:17,000 --> 00:30:21,000

are two very important goals for any survivalist.

492

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

There's a bug on my bishop.

493

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

It is actually a proven fact that keeping yourself mentally acute with something like a game of chess

494

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

makes you better at problem solving,

495

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

and surviving in a situation like this is all about problem solving.

496

00:30:36,000 --> 00:30:37,000

Check me.

497

00:30:37,000 --> 00:30:38,000

Nicely done.

498

00:30:38,000 --> 00:30:39,000

Thank you.

499

00:30:40,000 --> 00:30:44,000

Which means another key target in the survival challenge has been met.

500

00:30:44,000 --> 00:30:46,000

And that leaves only one thing.

501

00:30:47,000 --> 00:30:48,000

Escape.

502

00:30:49,000 --> 00:30:53,000

Although Adam and Jamie's island survival's not gone quite this well,

503

00:30:56,000 --> 00:30:58,000

it has been a resounding success.

504

00:30:58,000 --> 00:31:01,000

Because after four days as duct tape castaways, they're physically fresh.

505

00:31:04,000 --> 00:31:05,000

Mentally focused,

506

00:31:05,000 --> 00:31:08,000

I'm not sure if I'm going to be able to get a good job,

507

00:31:08,000 --> 00:31:10,000

but I'm going to be able to get a good job.

508

00:31:10,000 --> 00:31:12,000

I'm going to be able to get a good job.

509

00:31:12,000 --> 00:31:14,000

I'm going to be able to get a good job.

510

00:31:14,000 --> 00:31:16,000

I'm going to be able to get a good job.

511

00:31:16,000 --> 00:31:17,000

Mentally focused.

512

00:31:17,000 --> 00:31:18,000

Oh, crap.

513

00:31:18,000 --> 00:31:19,000

I'm in check.

514

00:31:20,000 --> 00:31:21,000

And so well fed

515

00:31:23,000 --> 00:31:27,000

that a nosy chicken is more pet than picnic.

516

00:31:28,000 --> 00:31:30,000

By the way, what's with the chicken?

517

00:31:30,000 --> 00:31:32,000

Oh, well, that's Wilson.

518

00:31:32,000 --> 00:31:33,000

He's my new friend.

519

00:31:33,000 --> 00:31:36,000

So with their short-term survival sorted,

520

00:31:36,000 --> 00:31:39,000

the Mythbusters are dreaming of one final thing.

521

00:31:39,000 --> 00:31:40,000

Escape.

522

00:31:42,000 --> 00:31:44,000

We've made ourselves a nice little home on the island.

523

00:31:44,000 --> 00:31:46,000

Duck tapes provided us everything we need.

524

00:31:46,000 --> 00:31:48,000

Food, fire, water.

525

00:31:48,000 --> 00:31:51,000

We can stay here as long as we like, but rescue's not coming.

526

00:31:51,000 --> 00:31:54,000

It's time for us to get ourselves off the island.

527

00:31:54,000 --> 00:31:57,000

In other words, it's time to build a boat.

528

00:31:57,000 --> 00:32:00,000

So cue the Banyan Tree brainstorm.

529

00:32:00,000 --> 00:32:02,000

So we got to make a duct tape boat,

530

00:32:02,000 --> 00:32:06,000

and it's got to be ocean-worthy for probably a significant distance.

531

00:32:06,000 --> 00:32:08,000

We're going to have to have a couple weeks worth of water,

532

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

a couple weeks worth of food.

533

00:32:10,000 --> 00:32:11,000

Bailers.

534

00:32:11,000 --> 00:32:12,000

Bailers, yeah.

535

00:32:12,000 --> 00:32:15,000

It's going to have to be pretty good size, like 20 feet or so.

536

00:32:15,000 --> 00:32:18,000

What about a canoe design, where we paddle it?

537

00:32:18,000 --> 00:32:20,000

Yeah, a canoe design's pretty efficient,

538

00:32:20,000 --> 00:32:23,000

but if we do that, we're going to have to make outriggers.

539

00:32:23,000 --> 00:32:25,000

You mean like one of those pun-tune things off to the side?

540

00:32:25,000 --> 00:32:26,000

Yeah, for stability.

541

00:32:26,000 --> 00:32:29,000

We'll make it all out of duct tape and bamboo.

542

00:32:29,000 --> 00:32:30,000

It's light, and it's strong.

543

00:32:30,000 --> 00:32:31,000

Let's do it.

544

00:32:31,000 --> 00:32:32,000

Okay.

545

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

Our boat design is pretty straightforward.

546

00:32:34,000 --> 00:32:36,000

It's basically going to be a canoe.

547

00:32:36,000 --> 00:32:38,000

It's going to be about 20 feet long.

548

00:32:38,000 --> 00:32:40,000

This should be plenty of room for both me and Jamie,

549

00:32:40,000 --> 00:32:43,000

and all the provisions we're going to need for our ocean journey.

550

00:32:43,000 --> 00:32:46,000

The canoe will also have an outrigger for stability.

551

00:32:46,000 --> 00:32:49,000

It's frame can be made out of bamboo,

552

00:32:49,000 --> 00:32:54,000

and it's going to be skinned in several layers of duct tape.

553

00:32:54,000 --> 00:32:57,000

Said like that, it sounds easy.

554

00:32:57,000 --> 00:32:58,000

Bamboo!

555

00:32:58,000 --> 00:33:00,000

We can totally use that.

556

00:33:00,000 --> 00:33:01,000

Yeah.

557

00:33:01,000 --> 00:33:04,000

But this project will put all of their other island innovations

558

00:33:04,000 --> 00:33:06,000

firmly in the shade.

559

00:33:06,000 --> 00:33:09,000

We're no strangers to building duct-taped boats,

560

00:33:09,000 --> 00:33:14,000

but for the first one, we had steel and a welder to make the frame.

561

00:33:14,000 --> 00:33:16,000

Ah, it's pretty.

562

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

Out here, all we've got is this stuff and duct tape,

563

00:33:20,000 --> 00:33:23,000

and that's a whole different kettle of fish.

564

00:33:23,000 --> 00:33:27,000

And so, you kind of have to build your own work table, your own jig,

565

00:33:27,000 --> 00:33:31,000

because otherwise you end up with this stuff full of dirt and pine needles,

566

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

and everything's all sloppy.

567

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

We can't have that, especially when we're talking about a waterproof boat.

568

00:33:37,000 --> 00:33:39,000

So having Jerry rigged a jig...

569

00:33:39,000 --> 00:33:40,000

Perfect.

570

00:33:40,000 --> 00:33:44,000

Adam and Jamie first focus on the canoe's bamboo mainframe,

571

00:33:44,000 --> 00:33:46,000

starting with the sides.

572

00:33:46,000 --> 00:33:47,000

Look at that!

573

00:33:47,000 --> 00:33:49,000

That's already feeling like a boat.

574

00:33:49,000 --> 00:33:51,000

One in front, one in back.

575

00:33:51,000 --> 00:33:52,000

Paddling.

576

00:33:52,000 --> 00:33:56,000

Yeah, this is just wide enough to sit inside there.

577

00:33:56,000 --> 00:34:00,000

Next, the guys turn their attention to the hull's base.

578

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

That's going to be awesome.

579

00:34:02,000 --> 00:34:07,000

Then they position a myriad of internal cross struts for maximum strength.

580

00:34:07,000 --> 00:34:08,000

Ta-da!

581

00:34:08,000 --> 00:34:12,000

Everything, of course, bound together with duct tape.

582

00:34:12,000 --> 00:34:15,000

The boat design we have here is basically a canoe,

583

00:34:15,000 --> 00:34:18,000

and that's fine if you're on a lake, but we're not.

584

00:34:18,000 --> 00:34:20,000

We're on the ocean, and we need a lot more stability,

585

00:34:20,000 --> 00:34:22,000

so we don't tip over in the waves.

586

00:34:22,000 --> 00:34:26,000

Now, the traditional way of dealing with that is with an outrigger,

587

00:34:26,000 --> 00:34:28,000

and so that's what we're going to put on this.

588

00:34:28,000 --> 00:34:31,000

The outrigger is like the canoe's baby brother.

589

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

It too has a bamboo frame.

590

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

That ought to work.

591

00:34:36,000 --> 00:34:39,000

And it too needs a duct tape skin.

592

00:34:40,000 --> 00:34:43,000

We're going to skin this boat once with the tape facing out.

593

00:34:45,000 --> 00:34:48,000

Attention to detail means the boat doesn't leak.

594

00:34:48,000 --> 00:34:51,000

Then we're going to skin it again with the tape facing in.

595

00:34:51,000 --> 00:34:56,000

The fingers are raw from being stuck to tape repeatedly.

596

00:34:56,000 --> 00:34:58,000

Ow!

597

00:34:58,000 --> 00:35:03,000

This should give us a really secure, leathery duct tape skin.

598

00:35:03,000 --> 00:35:06,000

Hopefully keeps the water out and gets us home.

599

00:35:06,000 --> 00:35:08,000

You know, Adam, I sure hope this works.

600

00:35:08,000 --> 00:35:11,000

You and me both, man.

601

00:35:11,000 --> 00:35:17,000

It's a time-consuming getting closer and somewhat painful process.

602

00:35:17,000 --> 00:35:18,000

How?

603

00:35:18,000 --> 00:35:21,000

All this sticky stuff is giving me nightmares.

604

00:35:21,000 --> 00:35:27,000

But after a full six hours, their rescue raft is as good as done.

605

00:35:28,000 --> 00:35:30,000

Ha ha ha ha!

606

00:35:30,000 --> 00:35:33,000

I'm going to be like, ah, look at that!

607

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

I think this is going to work great.

608

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

That is really, really pretty.

609

00:35:37,000 --> 00:35:41,000

Well, a couple dozen rolls of duct tape, a couple hundred feet of bamboo,

610

00:35:41,000 --> 00:35:43,000

and some ingenuity.

611

00:35:43,000 --> 00:35:46,000

I am super pleased with how this boat has turned out.

612

00:35:46,000 --> 00:35:50,000

My fingers are raw from tearing so many thousands of pieces of tape,

613

00:35:50,000 --> 00:35:52,000

and I think it might just be seaworthy.

614

00:35:53,000 --> 00:35:56,000

The Mythbusters canoe confidence is high.

615

00:35:56,000 --> 00:35:59,000

But with sunset approaching, that's it.

616

00:35:59,000 --> 00:36:01,000

Those are all our provisions.

617

00:36:01,000 --> 00:36:04,000

Her maiden voyage will have to wait.

618

00:36:04,000 --> 00:36:08,000

Coming up in the finale of the Ducktape Island special,

619

00:36:08,000 --> 00:36:12,000

will it be sink or swim for Adam and Jamie's canoe?

620

00:36:12,000 --> 00:36:14,000

Ah, there we go!

621

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

No!

622

00:36:17,000 --> 00:36:28,000

The Mythbusters Ducktape Island adventure has been eventful to say the least.

623

00:36:28,000 --> 00:36:32,000

Jamie and I, we've had our highs.

624

00:36:32,000 --> 00:36:34,000

Oh, I got the chicken!

625

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

We've had our lows.

626

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

I'm thirsty, and I actually think I've got ants in my hair.

627

00:36:40,000 --> 00:36:43,000

And now we've determined that it's time to go home.

628

00:36:43,000 --> 00:36:46,000

So, we've built ourselves a boat.

629

00:36:46,000 --> 00:36:49,000

We have provisioned it for at least a few weeks at sea,

630

00:36:49,000 --> 00:36:53,000

and soon we're about to head out into the great blue yonder

631

00:36:53,000 --> 00:36:55,000

to try and get ourselves home.

632

00:36:55,000 --> 00:36:58,000

And when Adam says they've provisioned it for a few weeks,

633

00:36:58,000 --> 00:37:00,000

he's not exaggerating.

634

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

Here's what we're taking on our journey.

635

00:37:02,000 --> 00:37:08,000

We got rope, we got fishing line, we got bailers, oars, duck tape,

636

00:37:08,000 --> 00:37:13,000

we have tarps, we have water bags, food bags, and a fishing spear.

637

00:37:13,000 --> 00:37:15,000

That doesn't help us make it.

638

00:37:15,000 --> 00:37:17,000

We weren't meant to.

639

00:37:17,000 --> 00:37:19,000

I think we're ready to put it in, huh?

640

00:37:19,000 --> 00:37:21,000

Let's carry it down.

641

00:37:21,000 --> 00:37:22,000

All right.

642

00:37:22,000 --> 00:37:27,000

At this point, we found that duck tape is not a perfect solution for anything.

643

00:37:27,000 --> 00:37:30,000

But with some creativity and a pinch,

644

00:37:30,000 --> 00:37:34,000

it's an adequate solution for just about everything.

645

00:37:34,000 --> 00:37:39,000

Now, whether it'll hold up to a boat that has to get us across the ocean,

646

00:37:39,000 --> 00:37:42,000

there's only one way to find out.

647

00:37:42,000 --> 00:37:44,000

Okay.

648

00:37:44,000 --> 00:37:46,000

And it's waves.

649

00:37:48,000 --> 00:37:52,000

As the guys clamber in,

650

00:37:52,000 --> 00:37:57,000

it's worth highlighting that the one thing they don't have is a map.

651

00:37:57,000 --> 00:37:59,000

It's working.

652

00:37:59,000 --> 00:38:00,000

Oh, yeah, baby.

653

00:38:00,000 --> 00:38:06,000

Like real castaways, they're simply going to paddle until they find land or sink.

654

00:38:06,000 --> 00:38:08,000

Bontoon's looking great.

655

00:38:08,000 --> 00:38:13,000

But with the breaking waves approaching, sinking is a very real possibility.

656

00:38:13,000 --> 00:38:15,000

Oh, no, here we go.

657

00:38:15,000 --> 00:38:17,000

Whoa!

658

00:38:17,000 --> 00:38:19,000

Hey, it took it.

659

00:38:19,000 --> 00:38:20,000

There's another one coming.

660

00:38:20,000 --> 00:38:22,000

It's bigger.

661

00:38:22,000 --> 00:38:23,000

Uh-oh.

662

00:38:23,000 --> 00:38:24,000

Dude!

663

00:38:24,000 --> 00:38:26,000

There we go.

664

00:38:26,000 --> 00:38:28,000

No!

665

00:38:28,000 --> 00:38:31,000

Ha-ha-ha!

666

00:38:31,000 --> 00:38:33,000

There's no two ways about it.

667

00:38:33,000 --> 00:38:35,000

Those breakers were intense.

668

00:38:35,000 --> 00:38:37,000

Whoa!

669

00:38:37,000 --> 00:38:38,000

Ha-ha-ha!

670

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

Remember, we're sitting there in a canoe made of duck tape,

671

00:38:41,000 --> 00:38:46,000

paddling towards waves that are like three or four feet higher than the prow of our boat.

672

00:38:46,000 --> 00:38:48,000

Whoa!

673

00:38:48,000 --> 00:38:49,000

Yeah!

674

00:38:49,000 --> 00:38:51,000

That's what I was talking about.

675

00:38:51,000 --> 00:38:53,000

It was absolutely terrifying.

676

00:38:53,000 --> 00:38:55,000

But once we made it past...

677

00:38:55,000 --> 00:38:57,000

Whoa!

678

00:38:57,000 --> 00:39:00,000

We totally knew we had passed one of the worst hurdles we could,

679

00:39:00,000 --> 00:39:03,000

and the boat was going to be okay.

680

00:39:03,000 --> 00:39:04,000

Adam's right.

681

00:39:04,000 --> 00:39:06,000

Having survived the breakers...

682

00:39:06,000 --> 00:39:08,000

How does she look like she's holding up in the water?

683

00:39:08,000 --> 00:39:09,000

The main question now...

684

00:39:09,000 --> 00:39:10,000

What's been great?

685

00:39:10,000 --> 00:39:17,000

...is whether the canoe will hold together long enough for them to find civilization.

686

00:39:17,000 --> 00:39:19,000

And it is hot out here!

687

00:39:19,000 --> 00:39:22,000

Given that we're in the ocean and it's about 90 degrees,

688

00:39:22,000 --> 00:39:24,000

we've got both in spades,

689

00:39:24,000 --> 00:39:26,000

but the only bailing I'm having to do so far...

690

00:39:26,000 --> 00:39:28,000

Adam, I've got a little water back here.

691

00:39:28,000 --> 00:39:32,000

...because of water that's being splashed into the boat rather than any sort of leak.

692

00:39:32,000 --> 00:39:34,000

Are you saying my ore technique sucks?

693

00:39:34,000 --> 00:39:38,000

Two hours in and with their island now at distant memory...

694

00:39:38,000 --> 00:39:41,000

I can't see the shore anymore.

695

00:39:41,000 --> 00:39:42,000

We're in open water now.

696

00:39:42,000 --> 00:39:45,000

Adam and Jamie start raiding their provisions.

697

00:39:45,000 --> 00:39:47,000

First, water.

698

00:39:47,000 --> 00:39:48,000

Want some?

699

00:39:48,000 --> 00:39:50,000

And then food.

700

00:39:50,000 --> 00:39:53,000

Three hours in and an impromptu fishing stop...

701

00:39:53,000 --> 00:39:55,000

There! Right there!

702

00:39:56,000 --> 00:39:58,000

...is all that slowed them down.

703

00:39:58,000 --> 00:40:00,000

I think you missed it.

704

00:40:00,000 --> 00:40:03,000

As three hours becomes four...

705

00:40:03,000 --> 00:40:06,000

Dude, I'm going to take a little break, okay?

706

00:40:06,000 --> 00:40:09,000

...and four becomes five.

707

00:40:09,000 --> 00:40:12,000

I hope we're not paddling in circles.

708

00:40:12,000 --> 00:40:15,000

Let's put this maritime masterpiece in context.

709

00:40:15,000 --> 00:40:18,000

Adam and Jamie's yesterday's news...

710

00:40:18,000 --> 00:40:20,000

...and King of the World!

711

00:40:20,000 --> 00:40:23,000

...broke apart in 20 minutes.

712

00:40:23,000 --> 00:40:26,000

Their duct tape dinghy was on the water not much longer.

713

00:40:26,000 --> 00:40:29,000

Try not to put your feet through the bottom.

714

00:40:29,000 --> 00:40:33,000

And their Alcatraz escape raft was an accident waiting to happen.

715

00:40:33,000 --> 00:40:36,000

I have no idea where we are.

716

00:40:36,000 --> 00:40:41,000

But their duct tape canoe has now been in the open ocean for over half a day...

717

00:40:41,000 --> 00:40:43,000

...and is still going strong.

718

00:40:43,000 --> 00:40:44,000

This boat?

719

00:40:44,000 --> 00:40:48,000

Strongest case yet, the duct tape is a freaking miracle material.

720

00:40:48,000 --> 00:40:52,000

Yep, there's no underestimating the power of duct tape.

721

00:40:52,000 --> 00:40:54,000

There's neither a leak nor a tear.

722

00:40:54,000 --> 00:40:56,000

You might say it's been plain sailing.

723

00:40:56,000 --> 00:40:58,000

And what's more...

724

00:40:58,000 --> 00:41:00,000

Dude! Land!

725

00:41:00,000 --> 00:41:01,000

I see it.

726

00:41:01,000 --> 00:41:02,000

Ha ha!

727

00:41:02,000 --> 00:41:08,000

At last, after close to seven hours at sea, land looms large on the horizon.

728

00:41:08,000 --> 00:41:10,000

Dude, we are saved!

729

00:41:10,000 --> 00:41:12,000

I think so.

730

00:41:12,000 --> 00:41:15,000

And what that means is it's mission accomplished.

731

00:41:15,000 --> 00:41:17,000

Because their final challenge...

732

00:41:17,000 --> 00:41:19,000

...to build a sea-worthy boat...

733

00:41:19,000 --> 00:41:22,000

...and escape their myth-worthy deserted island...

734

00:41:22,000 --> 00:41:27,000

...has, like all their other duct tape demands, been a total triumph.

735

00:41:27,000 --> 00:41:29,000

I can't believe this boat actually held up.

736

00:41:29,000 --> 00:41:31,000

I know!

737

00:41:31,000 --> 00:41:33,000

A little duct tape boat did great.

738

00:41:33,000 --> 00:41:35,000

Yeah!

739

00:41:35,000 --> 00:41:37,000

Held up through the breakers.

740

00:41:37,000 --> 00:41:39,000

There we go!

741

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

Woo!

742

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

It held up in the open water and it held up in the sun.

743

00:41:44,000 --> 00:41:46,000

Woo hoo hoo!

744

00:41:46,000 --> 00:41:47,000

Yeah!

745

00:41:47,000 --> 00:41:50,000

And it did that despite only weighing about 100 pounds.

746

00:41:50,000 --> 00:41:53,000

Hey, I'm out. I'm out!

747

00:41:53,000 --> 00:41:56,000

Which for a boat that size is incredibly lightweight.

748

00:41:56,000 --> 00:41:59,000

I've got to say, I'm pretty impressed with the duct tape right now.

749

00:41:59,000 --> 00:42:01,000

Excellent!

750

00:42:01,000 --> 00:42:04,000

Well, duct tape's the stuff.

751

00:42:04,000 --> 00:42:07,000

Not only did it help us survive on the island, it helped us get off the island...

752

00:42:07,000 --> 00:42:11,000

...and ultimately, it helped us find civilization.

753

00:42:11,000 --> 00:42:13,000

Adam!

754

00:42:13,000 --> 00:42:15,000

It's the same island.

755

00:42:17,000 --> 00:42:19,000

Have you had enough?

756

00:42:19,000 --> 00:42:21,000

Of course you haven't!

757

00:42:21,000 --> 00:42:25,000

Log on to Discovery.com slash MythBusters after show...

758

00:42:25,000 --> 00:42:28,000

...to get more of your MythBusters fix.