



**Global Problem Solvers:
The Series
Season 2: Storm Force**

Scripts

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EPISODE 2.1

THE STORM

TITLE: THE ATLANTIC OCEAN OFF CAPE VERDE, AFRICA

KELILE

Hey Adrien, Beela, you guys notice anything weird about the wind?

BEELA

My ultrasonic sensors show that it's moving in a circular motion. It's like a giant carousel.

ADRIEN

I'm not sure I can hold on much longer. Woah! Uh team, a little help over here?

TITLE: GLOBAL PROBLEM SOLVERS. 2.1: THE STORM.

KELILE

Wow, the water is really warm. You OK Adrien?

ADRIEN

I might have twisted my ankle when the wind knocked me over.

BEELA

I'm sending my wind data up to the airship. Putri, what do you make of it?

PUTRI

The wind pattern is typical of what's called a tropical depression. That depression can turn into a hurricane as it crosses the Atlantic Ocean.

SATOSHI

A windstorm turns into a hurricane? How's that work?

CRISTINA

Check this out. My friend Ivy Stormcatcher has a popular show on the internet about the weather. She just uploaded a video from the United States.

IVY

Hey gang. It's me, Ivy Stormcatcher. I am visiting my grandmother in Tampa, Florida. Unfortunately, my trip was interrupted by a hurricane! It hit a couple days ago, flooding homes and taking out power. Think of a hurricane like an engine, fueled by warm, wet air. As warm air fuels this engine, new air swirls in to take its place. What starts as a light swirl can grow into a powerful spin as it crosses the ocean. If winds in this storm reach 74 miles per hour or faster, you have a hurricane.

CRISTINA

According to reports, the hurricane that hit Tampa sustained winds of over 130 miles per hour.

PUTRI

I wish there was something we could do to help.

IVY

Cristina? It's me Ivy!

CRISTINA

We were just watching your last video. Are you and your grandmother OK?

IVY

We're fine, but things here in Tampa are a real mess. Also, my phone's dying.

CRISTINA

OK, tell me what you need.

IVY

Well, the community has really come together to rebuild after the hurricane. There's still a big problem though. You see, the schools ... and the teachers ... that leaves the kids ...

CRISTINA

Ivy, you're breaking up. Are you there? Ivy's phone battery ran out. She was saying there's a problem with the schools.

PUTRI

We must first go to Tampa to identify the problem.

CRISTINA

I'll check in with the rest of the team.

BEELA

Hi Cristina. It seems like Adrien twisted his ankle. Thankfully Kelile had his first aid kit.

KELILE

My grandmother taught me an old African saying: Shields are not made on the battlefield. You must always bring the right tools in case of emergency.

ADRIEN

Was your grandmother a medic? This feels great!

BEELA

Let's keep that first aid kit close by. I have a feeling this won't be our last emergency.

PUTRI

Beela, we are needed in the United States. A major hurricane hit Tampa, Florida. The schools have a problem, although we're not sure what it is.

BEELA

We'll be right up, Putri. This sounds like a job for ...

PUTRI

Global Problem Solvers. Let's go!

TITLE: TO BE CONTINUED...

EPISODE 2.2

THE PROBLEM

TITLE: TAMPA, FLORIDA, UNITED STATES

IVY

Thanks for coming so quickly guys. It's been a crazy few days here. This middle school has been closed since the storm.

KELILE

Did rainwater enter the building?

IVY

Rainwater flooded the school's gym. Principal Diaz will shed some light.

CRISTINA

Uh, do you see what I see?

IVY

Don't worry guys. With rising waters from the storm, alligators seek higher ground just like humans.

CRISTINA

We better get inside the school.

TITLE: GLOBAL PROBLEM SOLVERS. 2.2: THE PROBLEM.

PRINCIPAL DIAZ

Hey guys! Come have a seat.

IVY

Principal Diaz, these are some of the Global Problem Solvers I told you about.

KELILE

Nice to meet you, sir. Why are all these computers here?

PRINCIPAL DIAZ

When the storm was approaching, we moved the school's computers to the highest classroom. Of course they're just taking up space until we restore power and internet.

CRISTINA

When will students return to class?

PRINCIPAL DIAZ

Uh, not for a while. We don't know when the power will come back on.

IVY

If kids can't return to school, the community can't return to normal.

PRINCIPAL DIAZ

Sometimes it just doesn't Ivy. After a storm like this, schools can close and families move.

PUTRI

I know Huti. It looks like Tampa will take months to rebuild. Yes, Satoshi.

SATOSHI

I just spoke with city engineers. They say that so many trees are down the power company can't get its trucks to repair power lines.

BEELA

I'm at the power company. They must first get electricity to hospitals, fire and police stations. It could take weeks before the entire grid is up and running.

PUTRI

Cristina, have you guys arrived at the local shelter yet?

CRISTINA

Yes Putri. There are many families who have moved here as a result of the hurricane. There are kids of all ages. Some must be Principal Diaz's students.

MS. KIVEL

I'm sorry, do you work for Principal Diaz? I teach sixth grade at his middle school. Do you know if he needs help starting classes again?

STUDENT

Look at me Ms. Kivel! I'm a hurricaaaaane!!

MS. KIVEL

I'm willing to volunteer.

KELILE

Tell us what you would need to run a class.

MS. KIVEL

Whew, I'm so glad you asked. I need three things: one, a PLACE to teach my class; two, POWER, so we have light; and three, INTERNET, so the class can access coursework and collaborate.

KELILE

We have identified the problem. We have consulted experts.

CRISTINA

Now, it's time to formulate a solution.

ADRIEN

Let's get back to the airship to brainstorm some ideas.

IVY

Hi grandma? Oh no. I'll be right there. My grandmother's cat got out of the house. She's very worried.

ADRIEN

I hope you get there before the alligators do. What?

TITLE: TO BE CONTINUED...

EPISODE 2.3

THE SOLUTION

IVY

Bucky? Here, kitty, kitty, kitty. Grandma, it's getting dark. Without the streetlights working, I'm not sure we'll find him.

GRANDMA

Oh, Ivy. You've always been my problem solver. I know we'll find Bucky. I just love to see how you get us there.

IVY

Remember the last time Bucky got out? I installed a communication device on his collar.

GRANDMA

Oh, but the internet's been out since the hurricane. There's no way to track the device.

IVY

Hmm. Let me call my friends. They'll have a solution.

TITLE: GLOBAL PROBLEM SOLVERS. 2.3: THE SOLUTION.

BEELA

I see the cat, Ivy. He is three doors down from your current location.

GRANDMA

Bucky!

IVY

Thanks Beela! Bucky found the one house in the neighborhood with a generator. It has power, and as a result, fresh milk.

PUTRI

OK, Global Problem Solvers. We need a solution that gets students back to class while their schools recover from the hurricane. Any ideas?

ADRIEN

Wait a minute. Do you guys remember when I wiped out while windsurfing?

KELILE

How can we forget? You have been repeating that story every five minutes.

CRISTINA

Guys, Adrien has an idea.

ADRIEN

Thanks Cristina. After I twisted my ankle, Kelile's first aid kit helped me walk again. Let's say we created a first aid kit, but for classrooms.

CRISTINA

That's a terrific idea Adrien! The kit will include lights so teachers and students can see.

BEELA

And also tools to give them access to the internet.

SATOSHI

Everything would be stored inside a case that's rugged and stormproof.

KELILE

Allowing teachers and administrators to create classrooms anywhere.

PUTRI

I love it! Pop-up classrooms. But from where would the kits get power?

ADRIEN

Ugh airship, lower the window blinds!

SATOSHI

That's it! What if we used the sun to power the kit?

BEELA

So a ruggedized kit that includes lights, internet hardware, and solar panels?

PUTRI

Global Problem Solvers, we have a solution. Let's drop in on Ivy to see what she thinks.

IVY

So these pop-up classrooms would use solar power?

CRISTINA

Yes. That way they would not drain the local power supply, if one exists.

IVY

It's an awesome idea. But the hurricane wiped out many roads in Tampa. How can we pick up supplies for these kits?

GRANDMA

As I said Ivy, I always know you'll reach your destination. Seeing you get there is the fun part.

IVY

Thanks Grandma. There's a company that makes solar panels in East Tampa. That should be our first stop.

PUTRI

Let's split up. Cristina, Satoshi, Kelile, Ivy, go to the solar panel company. Adrien and Beela, start putting together tools for the kit.

ADRIEN

Wait, where's Huti?

GRANDMA

Looks like Bucky found him!

TITLE: TO BE CONTINUED...

EPISODE 2.4

THE TECHNOLOGY

ADRIEN

I borrowed this generator from your neighbor. We can use power from it to build tools for our emergency classroom kit.

BEELA

Then teachers can use the kit to restart their classes, even when a storm has taken out power and internet.

ADRIEN

Here we go! I am retrofitting this internet router to operate on solar power.

BEELA

That router can connect to cellular networks, which still appear to be up and running.

BEELA AND ADRIEN

What'd you say?

BEELA

It's a good thing our kit will use solar power. That generator is too noisy to run near a class.

TITLE: GLOBAL PROBLEM SOLVERS. 2.4: THE TECHNOLOGY.

IVY

Ms. Kivel, thanks so much for driving us to the company that makes solar panels in East Tampa. Those panels are essential to power our emergency classroom kit.

MS. KIVEL

My students have been cooped up in that shelter for so long, they're desperate to return to their normal lives. You know what one of them said the other day? "Ms. Kivel, are you going to still be living with my family after the hurricane?" I said there is no chance in ...

KELILE

Uh, Ms. Kivel?

MS. KIVEL

My car can't make it over this road. We need a boat.

SATOSHI

That's it! If this vehicle can't drive through the water, let's get one that can. Ivy, doesn't your aunt serve in the Air Force?

IVY

Great thinking Satoshi. Aunt Sherry—uh, Captain Sherry, please.

CAPTAIN SHERRY

Reconnaissance flights are scheduled over Tampa at zero nine hundred hours! Hello?! It's so nice to hear from you Ivy. Why yes, I think I can find you a high-water vehicle, especially if it means getting classes up and running. I'll be there right away!

CRISTINA

Captain Sherry, the solar panel company is just up the road on the left.

BEELA

Those solar panels are taking a while.... What do you see in the clouds, Adrien?

ADRIEN

I see an alligator, riding a bicycle?

BEELA

Wait a minute, that cloud looks like someone we know!

CAPTAIN SHERRY

Let's go Global Problem Solvers. Double time!

CRISTINA

Lay out the panels on the lawn. Let's wait a little while and see if the sun powers up the kit.

BEELA

The wattage from the solar panels is too weak. It's barely enough to power the router!

KELILE

It must be all those clouds blocking the sun.

IVY

What if the kit could store energy from the sun, so it still has power when there's no sunlight?

ADRIEN

Great idea Ivy! I will add a solar-plus-storage battery to the kit.

SATOSHI

Those batteries can store up to ten hours of solar power!

KELILE

I'm worried. We had so much trouble picking up supplies for one kit. How can we deliver kits to teachers who need them across the city?

TITLE: TO BE CONTINUED...

EPISODE 2.5

THE BUSINESS PLAN

IVY

Cristina, the hurricane has flooded so many roads. There is no way we can get our emergency classroom kits to teachers.

CRISTINA

Ivy, what about your Aunt Sherry? Doesn't the Air Force have more high-water vehicles?

IVY

I checked. They're all being used to deliver food and water to people in need.

CRISTINA

You've visited Tampa many times. Is there anyone here who you think can help?

IVY

Hmmm ...

TITLE: GLOBAL PROBLEM SOLVERS. 2.5: THE BUSINESS PLAN.

IVY

When I was young, my grandparents used to take me to Tampa's "Monster Truck Showdown." Humungous trucks would race and perform stunts in an arena. My favorite truck was called Lightning Bolt. Even then I loved anything that had to do with weather. That truck was unstoppable, like a storm! Those monster trucks can drive through anything. And with the hurricane cancelling the Monster Truck Showdown, maybe its trucks are available. They could deliver our emergency classroom kits to shelters across Tampa.

PUTRI

Great idea Ivy. But how would we pay for the trucks, drivers, and fuel?

CRISTINA

That's where my entrepreneurial spirit comes in. I am hoping the Monster Truck Showdown will see the value in helping us. As their trucks deliver our kits across Tampa, they will also be advertising for the showdown. Once the showdown starts up again, attendance will skyrocket.

SATOSHI

Now we just need Florida's Department of Education to buy our kits. Then we have a pretty strong plan.

CRISTINA

I will craft a business plan to build, sell, and deliver the kits. We can use it to pitch both the showdown and Florida's education commissioner.

GLOBAL PROBLEM SOLVERS

Huti, enough!

PUTRI

Ivy and Kelile, talk to the showdown's promoter. Adrien and Beela, talk to the education commissioner. Global Problem Solvers, let's go!

TITLE: MR. RANDAZZO, SHOWDOWN PROMOTER

MR. RANDAZZO

Bone Crusher, meet Executioner! Vroooooom. Woohoo! The crowd goes wild!

KELILE

Uh, Mr. Randazzo?

MR. RANDAZZO

Oh, I'm sorry. How can I help you kids? With our city mostly underwater, I've got nothing but time on my hands.

IVY

We have an idea that might solve your problem. And ours.

MR. RANDAZZO

Well, OK. Lemme hear it!

TITLE: COMMISSIONER GARDNER, DEPT. OF EDUCATION

COMMISSIONER GARDNER

I have the electric company on the other line. They say power is still weeks away reaching schools!

BEELA

Uh, Commissioner Gardner?

COMMISSIONER GARDNER

Oh, pardon me. Now where did you children say you're from?

ADRIEN

We came here from Tampa.

COMMISSIONER GARDNER

Tampa? The hurricane has brought education there to a standstill.

BEELA

Well, we are also here with a solution.

COMMISSIONER GARDNER

Lemme hear it!

PUTRI

Beela, how's it going with Florida's education commissioner?

BEELA

She has agreed to buy a kit for every shelter in Tampa!

PUTRI

That's incredible! Kelile, how's it going at the Monster Truck Showdown?

KELILE

Uh, pretty good. The showdown has agreed to deliver our kits. Thankfully, they will also provide drivers.

MR. RANDAZZO

Yeeeeee-haw!

TITLE: TO BE CONTINUED...

EPISODE 2.6

TEST AND RETEST

PUTRI

I can't wait. Our first test of the emergency classroom kit, with an actual class!

ADRIEN

What could possibly go wrong? Whooooah!

TITLE: GLOBAL PROBLEM SOLVERS. 2.6: TEST AND RETEST.

BEELA

So far, so good. Despite increasing clouds, the solar panels are steadily providing power for the class's lights and internet.

KELILE

And an added bonus: Teaching outside allows for fresh air and the sounds of nature!

CRISTINA

Both are very conducive to the learning process.

MS. KIVEL

OK class, is Florida a peninsula or an isthmus?

STUDENT

What'd you say, Ms. Kivel?

MS. KIVEL

I said, is Florida ... a peninsula ... or an isthmus?!

BEELA

What the ... Excuse me! Do you have any idea when you'll be done using your chainsaw?

WORKER

Sorry, but hurricane winds broke these branches. I have to get them down before they hurt somebody! I'll be finished by this afternoon.

BEELA

I suppose we can wait until then. Or not.

KELILE

We have provided power and internet for class, but not a suitable place where it can happen.

CRISTINA

After a natural disaster, a suitable place is not so easy to come by.

SATOSHI

We need to think critically.

STUDENT

I'm a hurricane!

SATOSHI

Ms. Kivel, how does this shelter receive bedsheets and other supplies?

MS. KIVEL

Trucks delivered them before the storm began. The shipping containers are still outside.

KELILE

Excuse me, sir. What happens to this shipping container now that it's empty?

AID WORKER

It stays here until families leave the shelter for their homes. Then the container is reloaded with supplies from the shelter, and a truck pulls it away.

SATOSHI

So what you're saying is, as long as there are families at the shelter, there's an empty, protected, dry, quiet space right next door?

ADRIEN

I'm not sure what Satoshi is getting at...

PUTRI

Great work Global Problem Solvers. That was fast!

BEELA

Our emergency classroom kit is so mobile, we were able to switch locations quickly.

ADRIEN

And our solar panels can collect their charge, out of everyone's way.

CRISTINA

This was a great test of our technology.

KELILE

With shipping containers next to every shelter, we have a potential place where the technology can be used effectively.

IVY

Hello?

MR. RANDAZZO

Ms. Stormcatcher? Are your emergency classroom kits ready to be delivered? These babies have been idle for so long, they're ready to make kids happy again!

IVY

Uh, hold on Mr. Randazzo. Global Problem Solvers, are we ready to get these kits to shelters across Tampa?

PUTRI

Let's go!

TITLE: TO BE CONTINUED...

EPISODE 2.7

BIRTH OF A SOCIAL ENTERPRISE

IVY

Hello out there all you storm trackers! It's me, Ivy Stormcatcher. I return live after a massive hurricane in Tampa, Florida kept me busy for a while. I am flying high above the city with my aunt, Air Force Captain Sherry.

CAPTAIN SHERRY

The city is recovering nicely from the storm. Roads are clear, power is back, and schools have reopened.

IVY

While schools were closed, teachers taught classes using an emergency classroom kit my friends and I created.

CAPTAIN SHERRY

Do you know if the kit worked well?

IVY

The Global Problem Solvers are gathering data to answer that question. That is, if they're not playing video games.

TITLE: GLOBAL PROBLEM SOLVERS. 2.7: BIRTH OF A SOCIAL ENTERPRISE.

PUTRI

Beela and Satoshi, you are supposed to be gathering data on the impact of our kit.

BEELA

We have been Putri. We were just waiting until the school day ends to hear from Kelile.

SATOSHI

And ever since those monster trucks delivered our kits across Tampa, we can't get enough of the trucks.

PUTRI

What data have you collected so far?

SATOSHI

Adrien reports that teachers found our kits easy to assemble and operate.

BEELA

Which says a lot, considering technology isn't always so straightforward.

TITLE: TEACHERS' LOUNGE

SATOSHI

Cristina reports that parents were happy that classes continued right after the storm. Their children maintained a sense of normalcy during a very chaotic time.

BEELA

Although parents also seem happy to have their kids back at school.

PUTRI

Wait, I am hearing now from Kelile.

KELILE

Principal Diaz says that despite time away from school, students are caught up in their studies.

PUTRI

That is terrific news Kelile. Now we need to spread the word about our social enterprise. A social enterprise is a business—like the one we created around our emergency classroom kit—that attempts to solve a social problem.

MR. RANDAZZO

Hiya, Putri? Mr. Randazzo here, the promoter of the Monster Truck Showdown. You're never gonna believe this. There was so much excitement seeing our trucks deliver your kits, folks are lining up for our opening event. We're calling it the "Back to School Bonanza." Maybe we can celebrate the kit?

PUTRI

That's a great way to spread the word.

MR. RANDAZZO

Perfect. I gotta go. Lots to plan!

MR. RANDAZZO

Teachers and students, welcome to the Back to School Bonanza! We have a brand new truck here today. Put your hands together for The Hurricane, escorted by the Global Problem Solvers.

TITLE: THE HURRICANE

TITLE: GLOBAL PROBLEM SOLVERS

MR. RANDAZZO

They helped restart class while our schools were being rebuilt. Now it's time for The Hurricane to fight its first battle. The opponent will be ... the emergency classroom kit! The kit wins!

PUTRI

Yes, hello? We're needed where? India? Team, we have another mission. Ivy, your ability to foresee problems makes you indispensable to our team.

CRISTINA

Old friend, you are one of us now. Welcome to the team!

IVY

Well then, may I have the honor? Global Problem Solvers, let's go!

TITLE: TO BE CONTINUED...



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