

STEM Mystery Bag Challenge Cards- Page 1

You just landed your spacecraft on a new planet and are desperately in need of water, but the only water source is half a mile away.

You may not find your space shuttle if you leave it. Design a way to get the water without walking away from your space shuttle.

You are filming a movie but someone broke the video camera. What will you use to film the movie? Build It.

While going on an adventure in the rainforest, you became lost from your group. Design a device to get their attention so they can find you.

You are fishing on a boat in the ocean. Suddenly there is a big wave! A fish comes out of the water. It is too big for your fishing gear to hold. Build some better fishing gear that can catch and hold the large fish.

You are an elephant at a zoo and just found out you'll be transferred to another zoo that is full of mice! You are very afraid of mice. Design something you can use to keep the mice away.

You are a bird and need to build a home for your bird family. Build a home that will keep your bird family safe and comfortable.

You are at the swimming pool on a nice warm day, but you forgot to bring your pool toys. Create a pool toy that would be fun to play with in the pool.

You are going on a nature walk in the forest to collect nature treasures, but you forgot to bring something to hold your findings.

Design the perfect container to hold all your nature treasures from your walk.

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You just flew your spaceship near a brand new planet no one has ever been on, but you aren't sure if the surface is strong enough to hold your ship. Create a device to test it and find out.

You have a deadline to create a dog toy that's so fantastic it's sure to sell out of stores in no time, but you have limited materials. Make this awesome designer dog toy out of what you have.

You are pet sitting for a goldfish, but the goldfish really misses his owner. Design something to cheer him up!

You are in the forest and see the most delicious looking wild blueberries across a wide river. Use your materials to devise a way to get the blueberries.

You are on an expedition and come to a volcano spewing hot lava and ash. There is no way to avoid the volcano, and you must get by it to continue your expedition. Design something to help you continue on your way.

Your car's engine has broken down right in the middle of nowhere while you were on your way to work. Build an engine that is efficient enough to get you to work on time.

You've just discovered the only known garden troll in existence, but he's refusing to come out from his home hidden in your backyard. Design something to lure him out so you can get to know him.

You just woke up to find yourself on a glacier in Antarctica! Use your materials to design something that can help you get back home.

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Someone left the door to your house open, and it's now full of hundreds of flies- too many to swat! Use your materials to make something to help rid your house of the flies.

You are trying to befriend a very shy robot. Design a present for it that you know it will love!

You are a fish that wants to see what it's like to live on land. Design a way to explore the world out of water.

Invent something you know a gardener would love!

You are an ant watching a giraffe eat delicious leaves from way up in a tree, and you really want to try one! Create a way to get one of those leaves.

You are a spider, and your best friend is a bee. You really want to fly around with your bee friend, but of course, you can't fly. Create a way you can join your best friend bee in the air.

The world has just run out of candy right before Halloween! Create a machine that can help save trick-or-treating!

You have a unique pet iguana that does not like sun. Design a shelter for him so he can stay in the shade.

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