



WATER XYLOPHONE

Music can be magical, and you can make it in lots of different ways. Here's how you can play a tune using glass containers and water—which you'll find plenty of when you're visiting Unicorn Island!

YOU'LL NEED:

- 3 identical glass containers
- Measuring cup
- Pencil or plastic spoon

1. Line up the glass containers and label them 1, 2, and 3.
2. Fill Glass 1 with $1\frac{3}{4}$ cups of water, Glass 2 with $1\frac{1}{2}$ cups of water, and Glass 3 with $1\frac{1}{4}$ cups of water.

Need help measuring? Ask a grown-up!

3. "Play" the containers by tapping the side of each one with a pencil or plastic spoon. (Be careful not to tap too hard!) How do they sound different? Try to make a song by tapping them in different patterns.



Use more glass containers to expand your xylophone.
Experiment with different amounts of water. How do the sounds change?

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WATER XYLOPHONE (CONT.)

TRY THIS SONG!

Tap the glasses in the following order to the rhythm of “Mary Had a Little Lamb.” Sing along once you get the hang of it!

3 2 1 2 3 3 3

Sam and Tuck found un i corns

2 2 2

un i corns

3 3 3

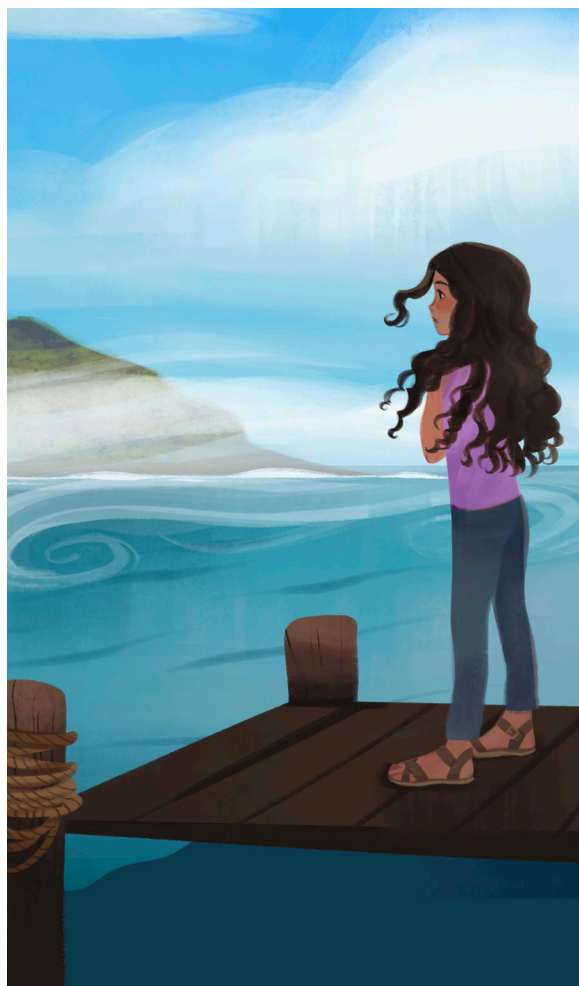
un i corns!

3 2 1 2 3 3 3

Sam and Tuck found un i corns

2 2 3 2 1

on a hid den isle!



HOW DOES IT WORK?

Tapping the glass causes it to vibrate. The more water in the glass, the slower the glass vibrates, creating a lower tone. The glass with the least amount of water produces the highest-pitched tone because it vibrates fastest.



BECOME A PROTECTOR

Sam and Tuck find that there is more to protecting the unicorns than just defending them from those who might do them harm.

A true Unicorn Protector follows a code and must learn how to:

- Care for the unicorns' physical and emotional needs
- Maintain the unicorns' habitat
- Keep them hidden
- Defend the island from intruders
- Be selfless in all acts

And above all, must *never harm a magical creature.*



Although you might *not* live near a mysterious hidden island that is home to unicorns and a wyvern, there are many ways to integrate some of the same principles that Unicorn Protectors follow into your own life. Focusing on the principles above (caring for another's physical or emotional needs, maintaining a habitat or environment, defending others, being selfless, and doing no harm), decide how you might become a Protector.

1. Decide who or what you will protect. (What kind of Protector will you become?)

Maybe you will protect your friends from bullies, help grow your little brother's confidence, stand up for people's ideas, or watch out for your neighborhood. Maybe you can make sure the park is free from trash or protect the natural environment around you in some other way. Perhaps you can even take care of an animal of your own.

2. Decide how you will do it. (What is your code or unique way to make a difference?)

Perhaps you will protect your mom from boredom by telling her silly jokes; writing her notes to make her smile; or telling her about your adventures, thoughts, and dreams. Perhaps you can help protect the environment by recycling, composting, planting a garden, keeping people off newly planted grass to give it a chance to grow, or by choosing to walk instead of riding in a car. Maybe you can raise money for those who need it or volunteer for an organization that helps others in need. Maybe you will play music, sing a song, or create another form of art to help people learn about who or what you are trying to protect. (Maybe it will help convince others to become Protectors too.)

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Be as creative as you like. There are so many ways to be a Protector! Whomever you decide to protect and however you choose to do it, know that you have the power to make a difference!

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



INVENT A MYTHICAL FRIEND

Before Sam moved to South Carolina, she never dreamed she could wind up living so close to unicorns and other incredible creatures. If you don't live near any mythical animals, use your imagination to create your own!

Think about what your fantastic friend looks like. What color is it? How big is it? Does it have scales or fur?

Imagine how your buddy behaves. Does it fly or swim? What does it eat? Where does it live?

Think about its personality. Is it funny? Is it clumsy? Does it have special powers? What does it love to do? What is it afraid of?

Draw a picture of your new friend. Then write a story about an adventure you might have together. Share your tale with a friend or family member—it might inspire them to invent a mythical friend, too!

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INVENT A MYTHICAL FRIEND (CONT.)

Write your story here!

Lined area for writing the story.

Lined area for writing the story.

