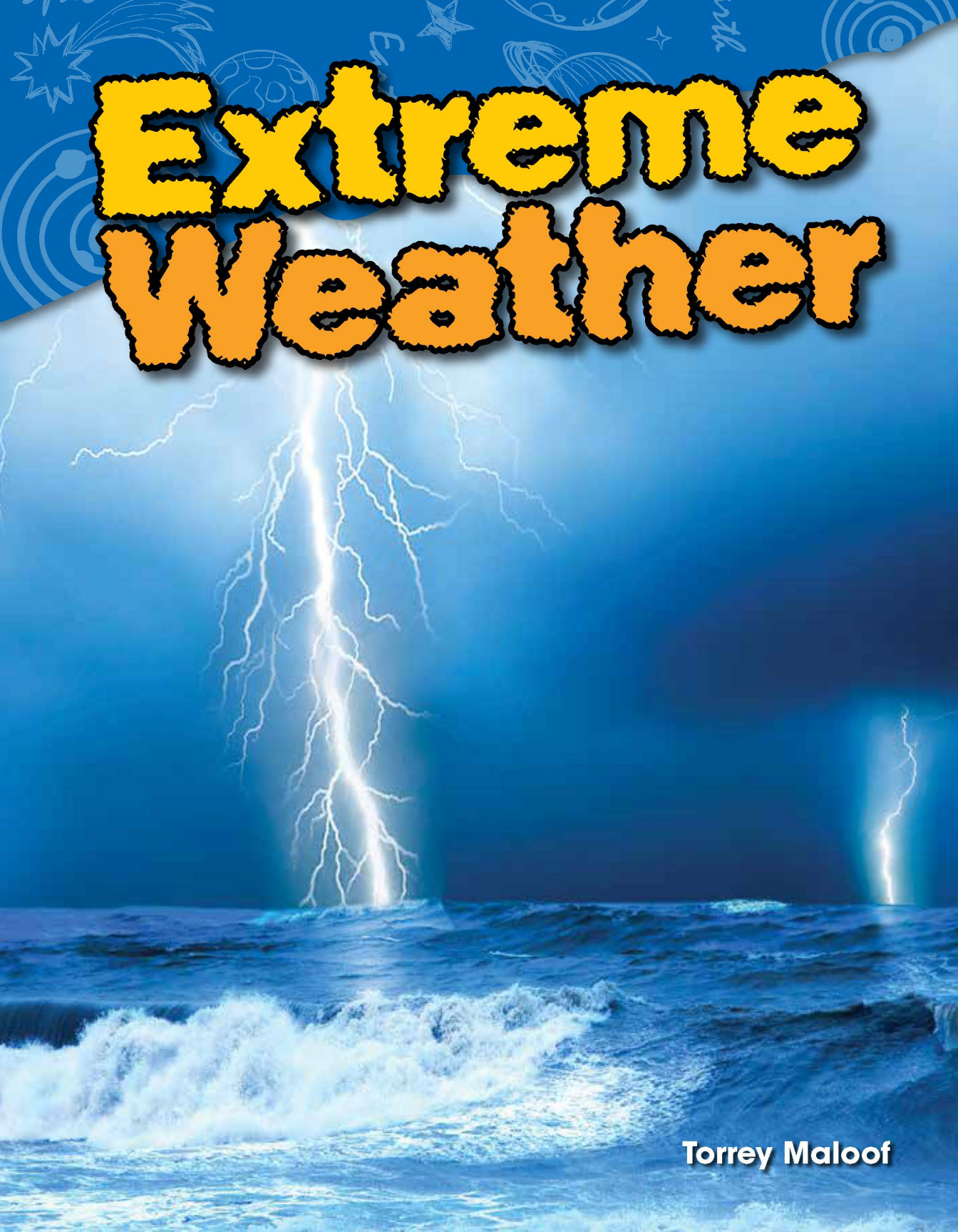
Extreme Weather



Torrey Maloof

For teachers' inspection ONLY

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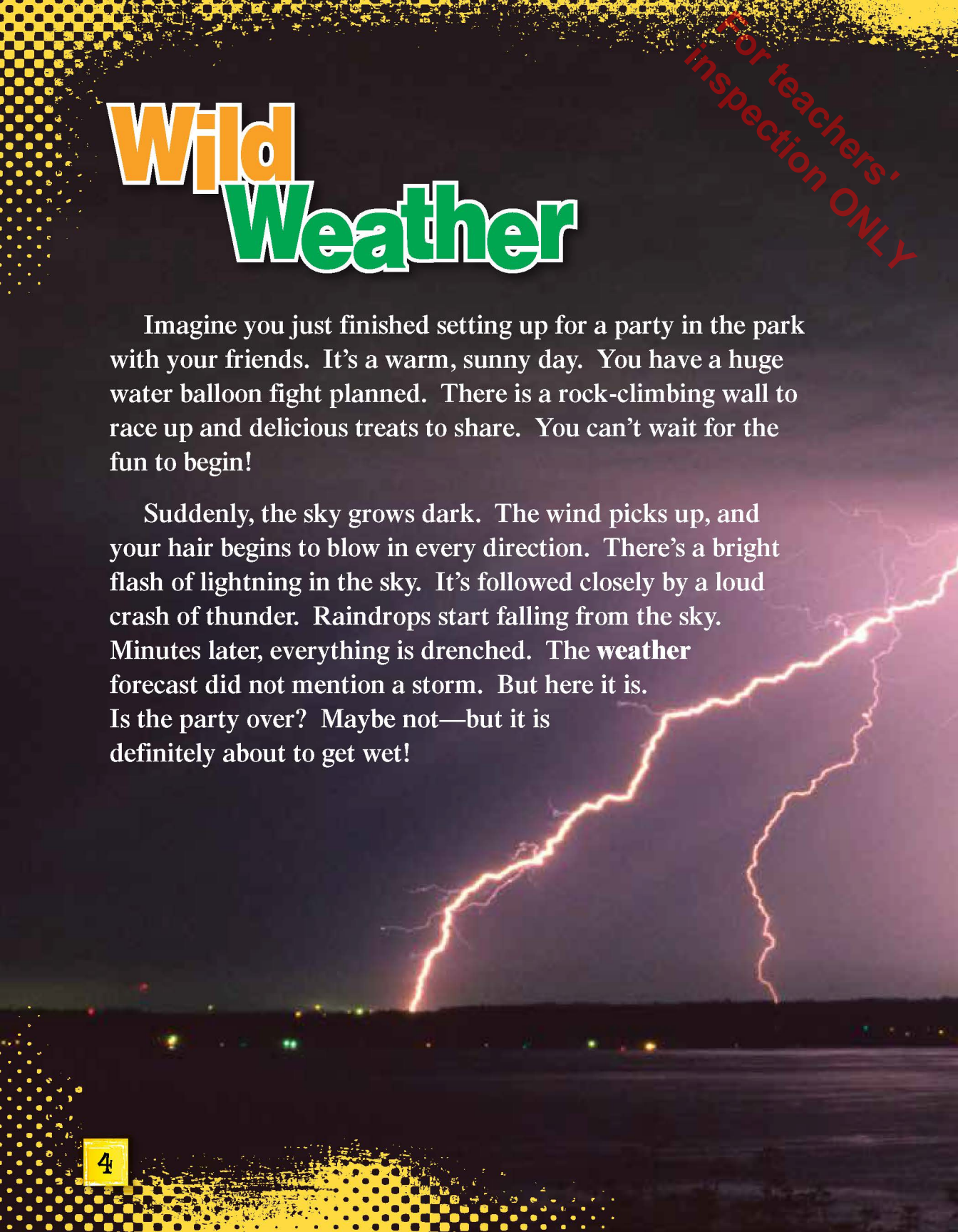
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Wild Weather

Imagine you just finished setting up for a party in the park with your friends. It's a warm, sunny day. You have a huge water balloon fight planned. There is a rock-climbing wall to race up and delicious treats to share. You can't wait for the fun to begin!

Suddenly, the sky grows dark. The wind picks up, and your hair begins to blow in every direction. There's a bright flash of lightning in the sky. It's followed closely by a loud crash of thunder. Raindrops start falling from the sky. Minutes later, everything is drenched. The **weather** forecast did not mention a storm. But here it is. Is the party over? Maybe not—but it is definitely about to get wet!



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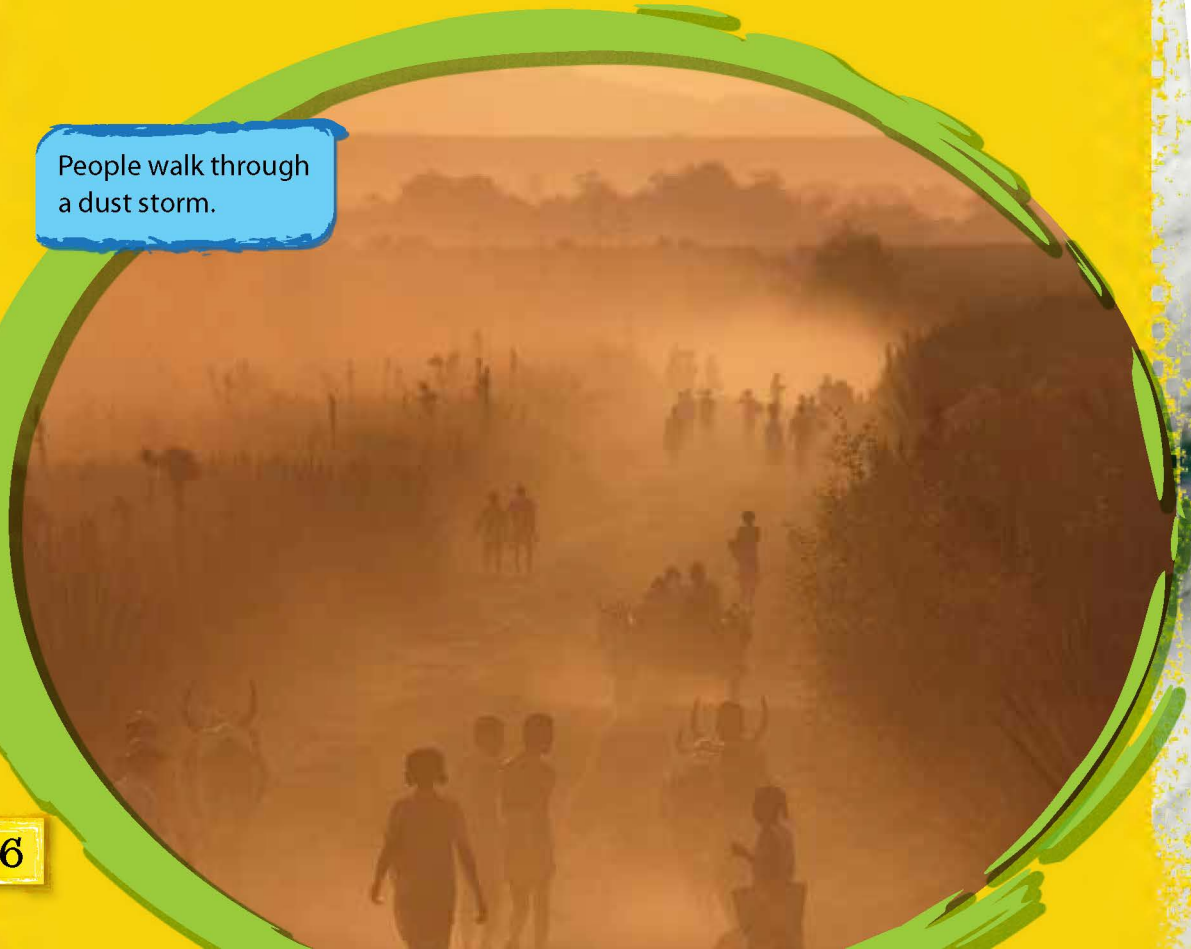
Lightning strikes somewhere on Earth every second!



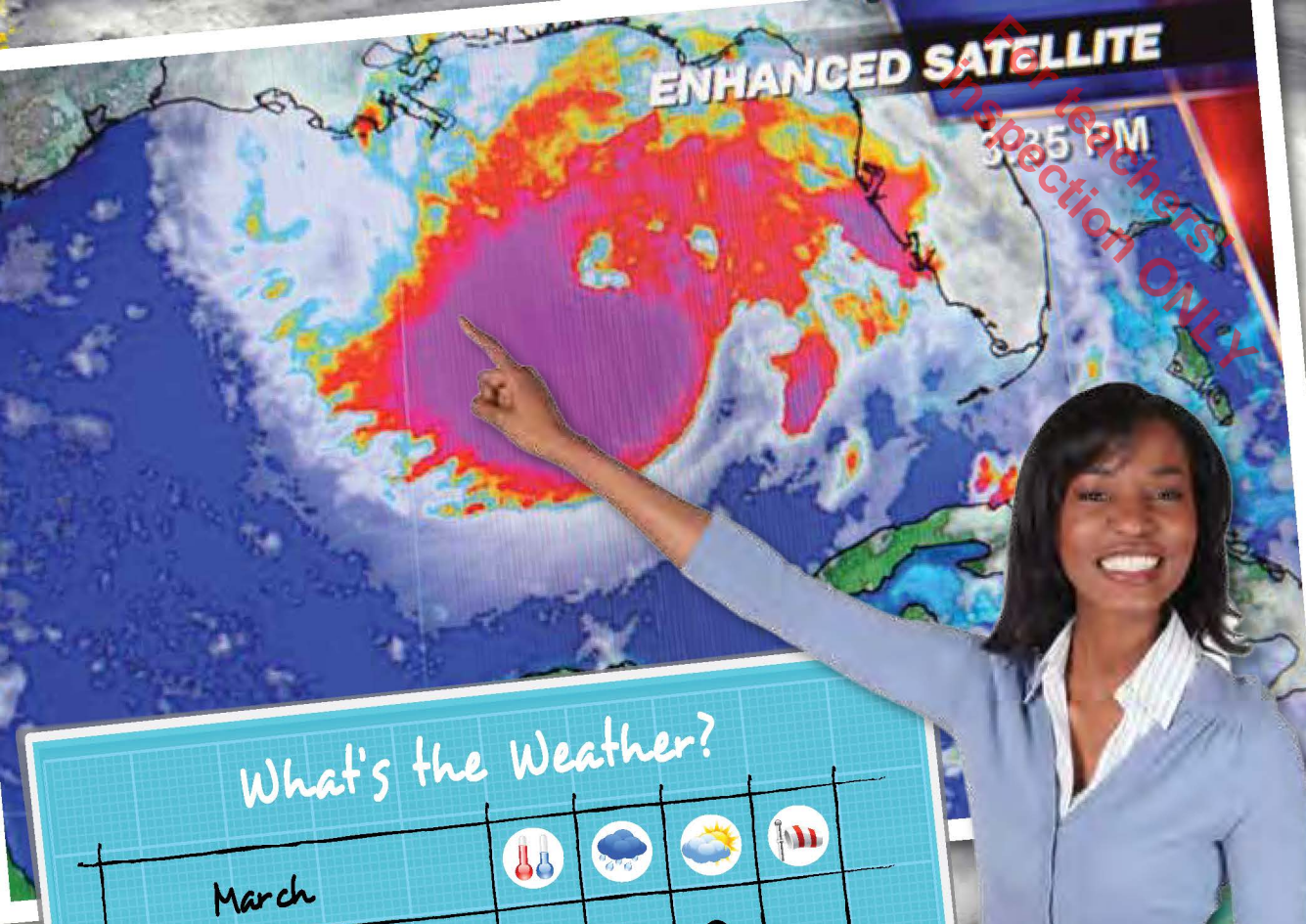
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Meteorologists are people who study the weather. You may see them on your local news. They use tools such as radar and satellites to help them. Sometimes, they can **predict** the weather. But other times, it is hard to know what the weather will be.

Weather is the state of the air at a certain place and time. Most weather is mild. It may be sunny and warm. Or there may be light snow. But sometimes, the weather can be downright wild! A tornado or a hurricane may blow through a city. A dust storm may consume a town. Blizzards may cover entire cities in snow. This wild weather is dangerous. It is important to study this weather so we can be prepared.



People walk through a dust storm.

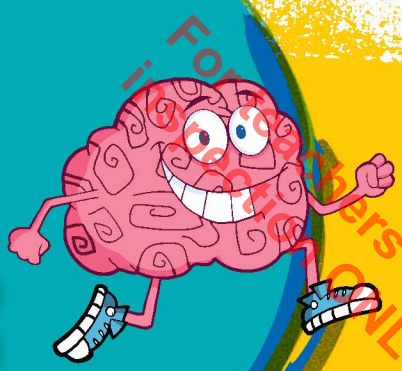


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What's the Weather?

March				
1. Mild with light rain 10:00 AM	12°C			
2. rained most of the day 10:15 AM	11°C			←
3. partly sunny 10:20 AM	9°C			↖
4. cool and windy 10:05 AM	8°C			↖
5. clear with a rainbow 10:25 AM	10°C			→
6. mild, drizzle 9:50 AM	10°C			→
7. WEEKLY SUMMARY AND AVERAGES	10°C			

Think Like a Scientist



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How does a tornado move? Experiment and find out!

What to Get

- 2 large soda bottles
- duct tape
- food coloring
- glitter (optional)
- scissors
- water

