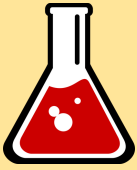
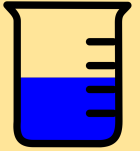


Name: _____

Section: _____



SCIENCE HOMEWORK



SECTIONS 2A, 2B, 2C, 2D, 2E

WEEK OF: Nov. 17-21, 2025

HOMEWORK

- Read the text and answer in complete sentences.
- Use the color shown to underline answers in the reading.

TOPIC 1b

- Earth Systems and Patterns
- Weather

Contact me

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REMINDERS

- Homework DUE 11/21
- No TEST
- Friendly reminder-Field Trip
last payment due 11/30
- iPads FULLY CHARGED

What is a Hurricane?



1. Read the text.
2. Use the color shown to underline answers in the reading.
3. Write your answer on the lines.

A hurricane is a massive storm with strong winds of 74 - 200 mph (119 - 322 kph) or higher. They cause severe damage with flooding and rising sea levels. Typical hurricanes last for over a week.

Hurricanes form over warm tropical water near the equator. The warm, moist air rises, and cooler air moves in. That cooler air warms and begins to rise. This creates a cycle of storm clouds that rotate with the spinning of the Earth. As the process continues, the storm clouds and wind grow, forming a hurricane. Hurricanes can reach 600 miles (965 km) across and stretch to 9 miles (14 km) high.

Parts of a Hurricane

Eye	The center of the hurricane. The wind is calm, and there are few clouds.
Eye Wall	The most dangerous part with heavy clouds and winds raging at 155 miles per hour.
Rainbands	The rest of the hurricane, where clouds and storms form a long line of heavy rain.

Hurricanes are known by different names in different parts of the world.

North America and The Caribbean	Hurricanes
Indian Ocean	Cyclones
Southeast Asia	Typhoons

Red 1. Why is it dangerous to live near the equator?

Blue 2. Number these events in order (write the number on the line).

- _____ The cooler air warms and begins to rise.
- _____ Storm clouds are created that rotate with the spinning of the Earth.
- _____ Warm, moist air rises, and cooler air moves in.
- _____ The storm clouds and wind grow.

Yellow 3. List the three parts of a hurricane.

Green 4. Which part of a hurricane is most dangerous and why?

Orange 5. In which part of the world are hurricanes called typhoons?
