

### Exploration Student Worksheet: Thunderstorms

#### Overview

In this Exploration, you will learn about the formation of thunderstorms. You will also explore different forms of lightning and learn about the damage that can be caused by thunderstorms.

#### Questions

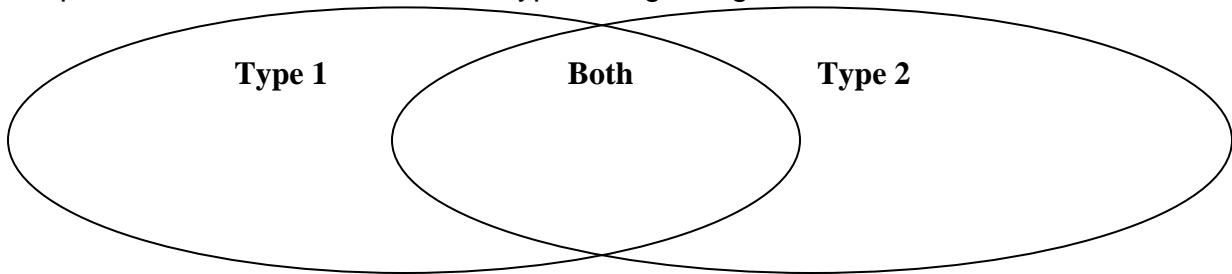
1. Describe the four main ways that thunderstorms can cause damage.

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2. Compare and contrast the two main types of lightning.



3. Why do you think more thunderstorms happen during the summer than during the winter?

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#### How to Use This Exploration

1. Read the Introduction and click the **Continue** button.
2. Read the text and follow the instructions.
3. Watch the animations and read the outcome explanations as they appear. Record findings in the data table.
4. Click the **Previous** button to go back to the previous instruction. Click the **Next** button to move ahead in the exploration.
5. Click **Reset** to restart the screen.
6. Click the **Close** button to close the exploration.

Data:

| <b>Thunderstorm Formation</b> |                |                |                |
|-------------------------------|----------------|----------------|----------------|
|                               | <b>Stage 1</b> | <b>Stage 2</b> | <b>Stage 3</b> |
| <b>Description</b>            |                |                |                |

| <b>Types of Lightning</b> |               |               |
|---------------------------|---------------|---------------|
|                           | <b>Type 1</b> | <b>Type 2</b> |
| <b>Description</b>        |               |               |