

# THUNDERSTORMS

Thunderstorms are electrical storms. During a thunderstorm, there is likely to be thunder, lightning and heavy rain.

Thunderstorms are most likely to happen during the spring and summer months of the year. This is because the air is often warm and moist. When warm, moist air quickly moves upwards, this causes clouds to form and a thunderstorm builds.



Thunderstorms can happen anywhere. However; they are more common in parts of the world with a temperate climate. This means that the average temperature is never too hot or too cold.

Thunderstorms can be very dangerous. Some of the worst damage occurs when a single thunderstorm stays in one area for a long time. Some examples of the damage thunderstorms can cause includes fallen trees and power lines, flooding and destruction of property.

Thunderstorms can be very beautiful to watch. However; it is important to remember that they are also very powerful.

# Comprehension Questions

1) What happens during a thunderstorm?

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2) Circle true or false:

- a. Thunderstorms happen during the winter months. True / False
- b. Clouds form when warm, moist air quickly moves up. True / False
- c. Thunderstorms can happen anywhere. True / False
- d. Thunderstorms are not dangerous. True / False

3) What does a temperate climate mean? Make sure your answer is a full sentence.

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4) When can the worst damage occur during a thunderstorm? Give some examples of the damage that can occur.

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Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Comprehension Questions

5) List three facts about thunderstorms.

a. \_\_\_\_\_

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b. \_\_\_\_\_

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c. \_\_\_\_\_

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6) What do you think you would do if a thunderstorm hit while you were at school? Give reasons for your answer.

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7) Think about a time when a thunderstorm happened in your community. Write some sentences about your experience.

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# Answers

## 1) What happens during a thunderstorm?

During a thunderstorm, there is likely to be thunder, lightning and heavy rain.

## 2) Circle true or false:

- a. Thunderstorms happen during the winter months. True / **False**
- b. Clouds form when warm, moist air quickly moves up. **True** / False
- c. Thunderstorms can happen anywhere. **True** / False
- d. Thunderstorms are not dangerous. True / **False**

## 3) What does a temperate climate mean? Make sure your answer is a full sentence.

Temperate climate means that the average temperature is never too hot or too cold.

## 4) When can the worst damage occur during a thunderstorm? Give some examples of the damage that can occur.

The worst thunderstorms occur when a single thunderstorm stays in one area for a long time. Some damage includes fallen trees and power lines, flooding and destruction of property.

## 5) List three facts about thunderstorms.

Answers may vary.

1. Thunderstorms are electrical storms.
2. When warm, moist air quickly moves upwards, this causes clouds to form and a thunderstorm builds.
3. Thunderstorms are most common in parts of the world with a temperate climate.

**6) What do you think you would do if a thunderstorm hit while you were at school? Give reasons for your answer.**

Answers may vary.

**7) Think about at a time when a thunderstorm happened in your community. Write some sentences about your experience.**

Answers may vary.