

Why Does Lightning Flash?

LI: Identify different types of text used in the book

Session 1 (p2-11)

Before Reading

- Look at the title and front cover- what genre of book do you think this is (fiction or non-fiction)?
- What information do you think might be included in this book?
- Write a few sentences describing what you already know about electricity.

During Reading

Read p2-7 and answer the following questions.

1. What is electricity? (p2)
2. List four different forms of energy (p2)
3. What type of text is by the statue on p3?
4. Who was Thomas Edison and when was he alive? (p3)
5. What type of text is above the photograph on p5?
6. Describe the experiment that Benjamin Franklin carried out (p5)
7. Explain what is meant by the following terms:
 - a. Electrical particles
 - b. Static electricity
8. Describe what causes lightning to flash (p6).
9. Describe the difference between sheet and forked lightning (p6-7).
10. Why is taking shelter under a tree during a thunderstorm is dangerous? (p7)

After Reading

1. Why do you think the author has used different types of text on these pages?
2. Read p8-11.
3. Write a short paragraph explain who discovered the first steady flow of electricity and how they discovered it? (p10)
4. Answer bug questions on p3, 5 and 9.

Why Does Lightning Flash?

Session 1: Metalingustics

Write what you think the words below mean, using the sentence from the book to help. Then find the meaning of the word by clicking on it or looking it up online and write the definition.

Word	What I think it means	What it actually means
mystified " <i>Electrical energy scared and mystified people</i> " (p2)		
tangle " <i>you don't want to tangle with lightning.</i> " (p4)		
spark " <i>Lightning is a huge electrical spark</i> " (p4)		
intense " <i>The intense heat could frazzle you to a crisp</i> " (p5)		