1. **Ben Franklin, Michael Faraday, and Thomas Edison** made important contributions to our understanding of and harnessing of electricity. Have you ever watched lightning during a storm and wanted to know more about it? An American by the name of Ben Franklin did.

2. **Ben Franklin** thought that lightning might be a “natural” electrical current. Ben knew that electrical currents would pass through metal. To find out whether lightning was an electrical current, he attached a metal key to a kite and flew it during a thunderstorm. When lightning struck the kite, Ben saw that the current did pass through the metal key. This discovery led him to develop many terms that we still use today when we talk about electricity: battery, conductor, negative, positive, charge, and electrician. Ben also knew that lightning was very dangerous. This led him to invent the lightning rod to protect buildings, ships, and people. Even though electricity was just a hobby for Ben Franklin, he made many important contributions.

3. An English scientist by the name of **Michael Faraday** continued Franklin’s studies on electricity. He is best remembered for his study of electromagnetism. Faraday discovered that electricity could be made by moving a magnet inside a wire coil. This discovery led him to build the first electric motor, generator, and transformer.

4. Like Ben Franklin, **Thomas Alva Edison** was an American scientist and inventor who was interested in electricity. When Edison was born in 1847, electricity was still a new idea but by the time he died, entire cities were lit by electricity. Much of this incredible progress was due to the work of Edison. In his lifetime, he patented 1,093 inventions! The most famous of his inventions was the light bulb.
Paragraph 2
1. What are some electricity terms created by Ben Franklin?
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Paragraph 3
1. What contributions did Michael Faraday make to the study of electricity and electromagnetism?
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Paragraph 4
1. What did Thomas Alva Edison invent?
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