









# Electricity: It's Electrifying!

<b>Aim:</b> Identifying scientific evidence that has been used to support or refute ideas or arguments in the context of the major discoveries made by scientists in the field of electricity.  I can explain the importance of the major discoveries in electricity.	<b>Success Criteria:</b> I can identify how our understanding of electricity has changed over time.  I can explain how major discoveries affected our understanding and use of electricity.	<b>Resources:</b> <a href="#">Lesson Pack</a>  Scissors
	<b>Key/New Words:</b> Electricity, Thomas Edison, Nikola Tesla, Alessandro Volta, Michael Faraday, home, alternating current, direct current, battery, cell.	<b>Preparation:</b> <a href="#">Are You an Electricity Expert? Activity Sheet</a> - 1 per child <a href="#">Impact of Electricity Activity Sheet</a> - 1 per group <a href="#">History of Electricity Reading Comprehension Sheets</a> - 1 per child

**Prior Learning:** It will be helpful if children have covered the content for Year 4 Electricity and Year 5 Properties and Changes of Materials.

## Learning Sequence

	<b>Electricity Quiz:</b> Children answer questions, recapping the key concepts they learnt in Electricity in Year 4. Children answer questions on the <a href="#">Are You an Electricity Expert? Activity Sheet</a> and swap with a partner at the end of the quiz. <b>Electricity Quiz Answers:</b> Children mark their partners <a href="#">Are You an Electricity Expert? Activity Sheet</a> and return it. It would be helpful to do a quick hands up for the questions to see who got it correct and incorrect. These sheets will identify any gaps from previous learning.	
	<b>History of Electricity:</b> Children read and answer questions using the differentiated <a href="#">History of Electricity Reading Comprehension Sheets</a> .  <div style="display: flex; justify-content: space-around;"> <div data-bbox="215 1108 726 1187">  Children focus on the main historical discoveries made in the field of electricity. </div> <div data-bbox="813 1108 1380 1187">  Children learn about the difference between alternating and direct current. </div> </div>	
	<b>How Has Electricity Impacted on Our Lives?</b> Children to complete the table in the <a href="#">Impact of Electricity Activity Sheet</a> by sorting between electrical and non-electrical appliances. Can they then match up which appliances were used for the same tasks.	

## Taskit

**Biographyit:** Children complete the [Great Scientists Mini-Biography](#) on Thomas Edison, Nikola Tesla, Alessandro Volta or Michael Faraday.

**Actit:** Researchit: Children complete [Differentiated AC or DC? Activity Sheet](#) by researching electrical appliances that use mains or batteries or both.