



St Paul's Primary School, Newcastle. Glorifying Almighty God, and serving our community.

Investigate and interpret the past		Build an overview of world history	Understand chronology	Communicate historically
Class: 3		Title: The journey of the lightbulb		
Topic summary: The <u>invention</u> of the lightbulb was one of the most significant electrical inventions of the 19 th century. Many scientists were involved in discoveries that led to the invention of the lightbulb. Thomas Edison invented the first light bulb in 1879, though scientists and inventors had been exploring how to invent incandescent light bulbs for several <u>decades</u> before Edison. In 1878 Joseph Swan’s home ‘Underhill’, in Low Fell Gateshead, was the first house in the world to be lit by an electric lightbulb.				
History Objectives		Unit of work end points		
<ul style="list-style-type: none">• Describe changes that have happened in the locality of the school throughout history.• Understand the concept of change over time, representing this, along with evidence, on a time line.Use dates and terms to describe events• Use appropriate historical vocabulary to communicate, including: date, time period, era, change, chronology.• Suggest suitable sources of evidence for historical enquiries.• Describe different accounts of a historical event, explaining some of the reasons why the accounts may differ.		<ul style="list-style-type: none">• Understand what society was like in the 1800s• Describe who Humphry Davy was, and how he invented the first electric light• Create a timeline with key events demonstrating the journey of the invention of the lightbulb• Explain why Thomas Edison is acknowledged for creating the first successful lightbulb, rather than Joseph Swan• Debate <i>who</i> deserves the credit for inventing the light bulb• Investigate the impact that the lightbulb had on society (socialising after dark, work days extended and safer homes)		
<u>Deeper learning:</u> <ul style="list-style-type: none">• Investigate other inventions that have been made possible because of the invention of the lightbulb• Provide evidence that the invention of the lightbulb reduced crime rates				
Key vocabulary		Important Dates		Questions?
Invention	An action of creating something new	1802: Humphry Davy invented the first electric light (the Electric Arc lamp) 1840: Warren de la Rue created a longer lasting electric lamp using platinum but this wasn’t cost effective 1860: Joseph Swan created a ‘light bulb’ with a short lifetime 1878: Joseph Swan’s home in Gateshead is the first house in the world to be lit by an electrical light bulb. 1879: Thomas Edison and his team created the carbon filament bulb 1880: Thomas Edison’s company, Edison Electric Light Company, began marketing its new product.		Where was the first lightbulb in a home? Could Thomas Edison have created the first light bulb without Humphry Davy, Warren de la Rue or Joseph Swan? What other inventions have been made possible due to the invention of the lightbulb?
Society	People living together in an organised group			
decade	A period of 10 years			
Historical source	An item that gives information about the past			
Evidence	Body of facts to show how someone acted			