

Oak Class

Summer Term newsletter 2024

Welcome to the Summer Term. The children have been working really hard - especially Y6s in the run up to SATs. Booster classes on Thursdays after school have been well attended, thank you for your support. (SATs week is on the week commencing 13.5.23.)

We have got lots of exciting activities planned for the children. Our history topic this term is Slavery - Why should Britain be ashamed of slavery? We will be looking to link this in Literacy activities to 'Journey to J'Burg, written by Beverley Naidoo. If you would like to purchase a copy for your child to use in school, that would be great, although there is no obligation.

Other links will be made across our Science topics. We will be learning about Electricity - 'Could you be the next Nintendo apprentice?'

Please see our 'Sticky Knowledge' grids below containing the main themes of learning so that you can support your children at home with their learning.

Work in Mathematics will include Shape, Position and Direction, Decimals, Number, Converting Units and Geometry. Mathletics is an excellent curriculum resource which I would encourage you to utilise at home with the children to complement work being taught in the classroom. Children can log on wherever they have use of the internet. All children have usernames and passwords in their reading diary. Please encourage your child to practise maths topics at home. We are working through times tables, which we practise most days in school. Again, it would be helpful if you could support your child by helping them to learn these. They need to be able to answer lots of quick-fire multiplication and division questions in a short time to be able to progress to the next level. Most of us know our tables quite well but need to get much faster at recalling the answers! 'Hit the Button' is a great online free resource.

Please keep reading diaries up to date when you hear your children read daily. Reading Eggs is another highly useful resource which can be assessed at home as well as in school. There is a huge selection of books to read and quizzes to complete to help improve your child's reading ages. The children are given new spellings every Monday, to learn for a test on the following Monday. These are the Y5 and Y6 recommended words, which the children all have a copy of in their spelling books and Reading Diaries. Please support the children by helping them to practise these at home.

PE will be on Tuesdays (with Mr Mitchell) and Thursdays (with Miss Bateman). Children wearing suitable PE kits to school on both of those days is working well. Please ensure earrings are removed on PE days.

If you have any questions, then please do not hesitate to get in touch.

Thank you for your continued support.

Mrs T. Francis

Slavery: KS2 Knowledge Mat

Subject Specific Vocabulary		
slavery	Slavery is a system under which people are treated as property to be bought and sold, and are forced to work.	
Slave auction	A gathering where slaves are bought and sold.	
colonies	A country or area under the full or partial political control of another country and occupied by settlers from that country.	
famine	A severe shortage of food (as through crop failure) resulting in violent hunger and starvation and death.	
poverty	The state or condition of having little or no money, goods, or means of support; condition of being poor.	
Caribbean	The region consisting of the Caribbean Sea, its islands (including the West Indies), and the surrounding coasts.	
transportation	The movement of persons from place to place and the various means by which such movement is accomplished.	
leg irons	A device, usually one of a pair of rings connected to a chain, that is attached to the ankles or feet to restrict movement.	
dysentery	Infection of the intestines resulting in severe diarrhoea with the presence of blood and mucus in the faeces.	
transportation slave ship	A ship transporting slaves, especially one carrying slaves from Africa.	
William Wilberforce	A prominent campaigner for the abolition of the slave trade.	

Sticky Knowledge about Slavery
<input type="checkbox"/> know about Britain's part in the slave trade
<input type="checkbox"/> know what slave auctions were like
<input type="checkbox"/> know about the horrific conditions on board slave ships
<input type="checkbox"/> know about the death rate during slaves' transportation to America
<input type="checkbox"/> know that the majority of slaves came from Africa
<input type="checkbox"/> know what life was like for most of the slaves
<input type="checkbox"/> know about the impact of slavery on the world today

Year 6: Electricity Knowledge Mat

Subject Specific Vocabulary	Electrical symbols	Sticky Knowledge about Electricity																								
conductor	<table border="1"> <thead> <tr> <th>Component</th> <th>Symbol</th> <th>Purpose</th> </tr> </thead> <tbody> <tr> <td>Cell (Battery)</td> <td></td> <td>Provides electrical energy</td> </tr> <tr> <td>Power supply</td> <td></td> <td>Alternative to using cells</td> </tr> <tr> <td>Wire</td> <td></td> <td>Allows current to travel</td> </tr> <tr> <td>Bulb/light</td> <td></td> <td>Converts electrical energy into heat and light</td> </tr> <tr> <td>Motor</td> <td></td> <td>Converts electrical energy into movement energy</td> </tr> <tr> <td>Buzzer</td> <td></td> <td>Converts electrical energy into sound energy</td> </tr> <tr> <td>Switch</td> <td></td> <td>Allows circuit to be opened or closed</td> </tr> </tbody> </table>	Component	Symbol	Purpose	Cell (Battery)		Provides electrical energy	Power supply		Alternative to using cells	Wire		Allows current to travel	Bulb/light		Converts electrical energy into heat and light	Motor		Converts electrical energy into movement energy	Buzzer		Converts electrical energy into sound energy	Switch		Allows circuit to be opened or closed	<input type="checkbox"/> Electricity travels at the speed of light. That's more than 186,000 miles per second!
Component	Symbol	Purpose																								
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Switch		Allows circuit to be opened or closed																								
insulator	Plastic, wood, glass and rubber are good electrical insulators.	<input type="checkbox"/> Electricity comes from the power station, the wind, the sun, water and even an animal's poo!																								
socket	A socket is a safe device to plug your electrical items into at home. Almost every room at home will have at least one socket.	<input type="checkbox"/> Electricity is a type of energy that builds up in one place (static), or flows from one place to another (current electricity).																								
series circuits	A series circuit is one that has more than one resistor, but only one path through which the electricity (electrons) flows.	<input type="checkbox"/> Coal is the biggest source of energy for producing electricity. Coal is burned in furnaces that boil water and create steam.																								
cells	An electrical cell is a device that is used to generate electricity, or one that is used to make chemical reactions possible by applying electricity.	<input type="checkbox"/> A popular way of generating electricity is through hydropower. This is a process where electricity is made by water which spins turbines attached to generators.																								
volts	Voltage is an electrical potential difference, the difference in electric potential between two places.	<input type="checkbox"/> A bolt of lightning can measure up to 3,000,000 volts, and lasts less than one second!																								
generator	A machine that converts energy into electricity.	<input type="checkbox"/> Electric fields work in a similar way to gravity. Whereas gravity always attracts, electric fields can either attract or repulse.																								
turbine	A machine that creates continuous power in which a wheel, or something similar, moves round and round by fast moving water, steam, gas or air.																									
fuses	These are safety devices. A fuse is a strip of wire that melts and breaks an electric circuit if it goes over a safe level.																									
Thomas Edison	He was a great inventor that came up with a way of making the electric light bulb accessible for homes, industry and outside in the streets.																									

- Important facts to know by the end of the electricity topic:**
- Know that the brightness of a bulb is associated with the voltage.
 - Compare and give reasons for variations in how components function.
 - Use recognised symbols when representing a simple circuit in a diagram.
 - Construct simple series circuits.
 - Be able to answer questions about what happens when they try different components, for example; switches, bulbs, buzzers and motors.