

Oak Class

Spring Term Newsletter 2024

Welcome (in advance) of the Spring Term. We have got lots of exciting activities planned for the children. Our main text in Literacy is 'Pig Heart Boy', written by Malorie Blackman. If you would like to purchase a copy for your child to use in school, that would be really helpful, although there is no obligation. (If you wish to read other recommended books with your child, please see below, along with the main themes of learning so that you may encourage the children at home with their studies at home.)

Other links will be made across our Science topics; we will be learning about 'Circulation' in our 'Why is your heart the most important pump you own?' topic. Our history topic links with RE, where we explore, 'Why was the Islamic civilisation (AD900) known as the Golden Age?' In DT, we look at how paper was made and will have a go at making our own. To complement our topics, we have arranged for Aly Greenway to visit school during the first half term to provide an 'in school' activity and practical experience day, exploring the Islamic religion (further details will follow in a separate letter). In the second half term, to link with the Art and DT, we will be visiting the Veolia recycling Centre in Mansfield. Again, further details will follow in a separate letter.

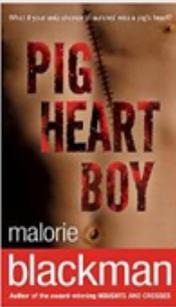
Work in Mathematics will include for Y5: Multiplication and division, Fractions, Decimals and Percentages, Perimeter and Area and Statistics, and for Y6: Ratio, Algebra, Fractions, Decimals and Percentages, Area and Perimeter, Volume and Statistics. Mathletics is an excellent curriculum resource which 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. (You can also find the lists on the website.) Please support the children by helping them to practise these at home.

PE will continue to 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.

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 and see other recommended books to read.

Year 6: Circulatory System Knowledge Mat

Subject Specific Vocabulary		Interesting Book	Sticky Knowledge about the circulatory system
blood vessels	Blood vessels are a series of tubes inside your body. They move blood to and from your heart.		<p><input type="checkbox"/> Your heart will beat about 115,000 times each day. Your heart pumps about 2,000 gallons of blood every day.</p> <p><input type="checkbox"/> The entire trip around your body only takes blood about 20 seconds in total. Blood is what is used to transport oxygen, waste, nutrients, and more throughout the body.</p> <p><input type="checkbox"/> The circulatory system includes the heart, blood vessels and blood, and is vital for fighting diseases and maintaining proper temperature.</p> <p><input type="checkbox"/> Because your heart is crucial to your survival, it's important to keep it healthy with a well-balanced diet and exercise, and avoiding things that can damage it, like smoking.</p> <p><input type="checkbox"/> Your heart affects every part of your body. That also means that diet, lifestyle, and your emotional well-being can affect your heart.</p>
drugs	A drug is a chemical that is not food and that affects your body. Some drugs are given to people by doctors to make them healthy.		
atria	The atria are the two uppermost chambers of the heart. Blood is pushed from the atria to the ventricles.		
William Harvey	He was the first person to accurately describe the function of the heart and the circulation of blood around the body.		
cardiovascular	The blood circulatory system (cardiovascular system) delivers nutrients and oxygen to all cells in the body.	<p>Important facts to know by the end of the circulatory system topic:</p> <ul style="list-style-type: none"> Identify and name the main parts of the human circulatory system. Know the function of the heart, blood vessels and blood. Know the impact of diet, exercise, drugs and lifestyle on health. Know the ways in which nutrients and water are transported in animals, including humans. Know who William Harvey was. 	
ultrasound	An ultrasound machine uses sound waves to take pictures of the inside of the body.		
cardiologists	A cardiologist is a doctor with special training and skill in finding, treating and preventing diseases of the heart and blood vessels.		
capillaries	Capillaries are very thin blood vessels. They bring nutrients and oxygen to tissues and remove waste products.		
pulse	Your heart has to push so much blood through your body that you can feel a little thump in your arteries each time the heart beats.		
ventricles	The ventricles are the two lower chambers in the heart.		

Islamic civilization: KS2 Knowledge Mat

Subject Specific Vocabulary			Exciting Books
Baghdad	Baghdad is today the capital of Iraq and was the capital of the Muslim world.		<h3 style="text-align: center;">Sticky Knowledge about the Islamic civilization AD900</h3> <ul style="list-style-type: none"> ❑ The House of Wisdom housed a library and attracted scholars from around the world who translated texts from the classical world into Arabic. ❑ In 762, the newly-founded city of Baghdad became the capital of the Muslim world. ❑ Until 1258, Baghdad was the world centre of culture and learning, with the period being known as the Golden Age of Islam. ❑ Islamic scholars and inventors adopted the Hindi symbol for zero and style of numerals (1, 2, 3, 4, 5, etc.) which we still use today. ❑ By the 8th century Islamic scholars were using paper rather than parchment or papyrus for their writing.
House of Wisdom	This was a library or university where scholars from all over the world were invited to study	<h3 style="text-align: center;">The House of Wisdom</h3> <ul style="list-style-type: none"> ❑ The place where scholars were invited to record their knowledge in Arabic. ❑ All scholars were invited: Muslim, Jews and Christians. ❑ Knowledge of medicine, astrology and science were the main areas studied and shared. ❑ The knowledge was very advanced for its time, with cures for many serious ailments being discovered. 	
mosque	A place where Muslims worship.		
Ramadan	The most sacred month in the Islamic culture. Muslims do not eat or drink between dawn and dusk.		
scholar	A highly educated person.		
Prophet Muhammad	Muslims believe that Islam is a faith that has always existed and that it was gradually revealed to them by Muhammad.		
merchant	A person or company involved in wholesale trade.		
manuscript	A book, document or piece of music written by hand rather than typed or printed.		
ailments	An illness, typically a minor one.		
madrassa	A school built in, or alongside, a mosque.		
crusades	The Crusades were a series of wars when Christians invaded the Muslim lands.		

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

Thank you for your continued support.

Mrs T. Francis