

Year 6 Overview Autumn 2021

	In class your child will....	At home you could.....
Science		
Evolution and Inheritance	<p>Recognise that characteristics are passed from parents to offspring, and that living things change over time.</p> <p>Understand that animals have adapted or evolved to suit their environment.</p> <p>Understand that fossils show us the types of animals that lived millions of years ago.</p>	<p>Research Mary Anning and create a fact-file about her.</p> <p>Imagine you are going to create a new type of dog. Which two sorts of dogs will you cross? What will the offspring look like? A good website to research types of dogs is http://www.justdogbreeds.com/dog-breeds.html</p>
Humans	<p>Identify and name the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood.</p> <p>Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.</p> <p>Describe the changes as humans develop from birth to old age.</p>	<p>Plan and help to prepare a balanced meal for the whole family.</p> <p>Read a 'Horrible Science' book about the human body.</p> <p>Is your femur really 27% of your height? Test the other members of your family.</p> <p>Keep an exercise diary for a week.</p> <p>Try to eat five portions of fruit and vegetables a day.</p> <p>Find out what food in your fridge has been made with micro-organisms.</p> <p>Make a compost heap in the garden.</p>
Computing		
Spreadsheets	<p>Gain an understanding of spreadsheets and how they can be used.</p> <p>Learn how to enter formulae into cells; edit data and discuss the effect on results.</p> <p>Use further functions including AVERAGE, MIN and MAX. Create graphs; and design their own spreadsheet for a specific purpose.</p>	<p>League Table: You could create your own spreadsheet for a sports league table of your own. This may be for a professional sport, a local sport in which you compete or a completely fictional table.</p> <p>You can watch a video on Schooltube about how to use spreadsheets.</p>
Religious Education		
Why do some people believe in God and some people not?	<p>Define the terms 'theist', 'atheist' and 'agnostic' and give examples of statements that reflect these beliefs.</p> <p>Identify and explain what religious and non-religious people believe about God, saying where they get their ideas from</p> <p>Give examples of reasons why people do or do not believe in God</p>	<p>Find out about global and local statistics on belief in God.</p> <p>Talk with your family about whether they are a theist, atheist or agnostic and why.</p>
Creation and Science: conflicting or complementary?	<p>Identify what type of text some Christians say Genesis 1 is, and its purpose.</p> <p>Taking account of the context, suggest what Genesis 1 might mean, and compare their ideas with ways in which Christians interpret it, showing awareness of different interpretations.</p> <p>Show understanding of why many Christians find science and faith go together.</p>	<p>Find out about Christians who are also scientists (e.g. Jennifer Wiseman, John Polkinghorne, Denis Alexander and Russell Stannard are just a few examples).</p> <p>Gaze up at the night sky and record your feelings and sensations. Connect their response with the sense of awe a Christian might feel from thinking about a Creator of all this.</p>

Geography		
How can we protect the Exe Estuary?	<p>Understand how weather and climate affect our lives.</p> <p>Understand why the Exe Estuary is so important.</p> <p>Have knowledge of how and why coastlines change over time and use the local area as a focus.</p> <p>Use fieldwork to observe, measure, record and present the human and physical features in the local area.</p>	<p>Visit Dawlish Warren or Exmouth. How many different species of bird can you spot?</p> <p>Visit the Willand Weather website www.willandweather.org.uk and monitor the weather for a week.</p> <p>Use the internet to research the effect of the 2014 floods on Dawlish and Dawlish Warren. What were the physical and human consequences?</p>
Design Technology		
Healthy Food	<p>Understand and apply the principles of a healthy and varied diet.</p> <p>Prepare and cook a variety of predominantly savoury dishes using a range of techniques.</p>	<p>Draw a plate illustrating a healthy meal.</p> <p>Keep a food diary.</p> <p>Think about the types of food you are eating.</p> <p>Help out with the cooking at home.</p>
Art		
People in action - Matisse	<p>Explore how to convey movement in their work.</p> <p>Produce a print in the style of Matisse to show a person in mid-action pose.</p>	<p>Collect images of sports people in mid-action poses from magazines or newspapers.</p> <p>Take photographs of your friends and family in mid-action poses.</p> <p>Draw pictures of all of the members of your family remembering to keep them in proportion.</p>
Personal, Social and Health Education		
Being Me In My World	<p>Identify goals for this year, understand fears and worries about the future and know how to express them.</p> <p>Know that there are universal rights for all children and understand that actions affect other people locally and globally</p> <p>Make choices about behaviour, understanding how rewards and consequences feel and how these relate to my rights and responsibilities.</p> <p>Understand how democracy and having a voice benefits the school community.</p>	<p>Watch Newsround https://www.bbc.co.uk/newsround to keep up to date with local and global news. Is there anything you can do to help?</p> <p>Learn about our democracy at https://www.funkidslive.com/learn/inside-parliament/inside-parliament/#</p>
Celebrating Difference	<p>Understand different perceptions of being normal.</p> <p>Understand how being different can affect someone's life.</p> <p>Explain how a person or group can have power over another and understand some of the reasons why people use bullying behaviours.</p> <p>Explain how difference can be a cause of conflict and cause of celebration.</p>	<p>Research famous Paralympians and find out some of the barriers they have overcome and what they have achieved despite those barriers.</p> <p>Discuss with your families – how do the choices you make affect people in your local community and then globally? For example, collecting litter.</p>

Music		
Steel Pans	Learn to play the Steel Pan and understand its origins.	<p>Listen to traditional Caribbean Music. http://www.bbc.co.uk/learningzone/clips/playing-percussion-ebony-steel-band/5301.html http://www.bbc.co.uk/learningzone/clips/steel-pan-drums/10184.html</p>
Physical Education		
Basketball Tag Rugby	Play a variety of invasion games. Look at attacking and defending techniques. Develop passing, dribbling/running and tagging skills.	<p>To develop skills: practise passing a rugby ball/basketball around outside – remember that in rugby the ball must be thrown backwards; create an obstacle course to develop your dodging skills; play ‘tag’ to practise your defending skills; use the ball catcher in the playground to develop your shooting skills.</p> <p>To be inspired: join a local basketball or tag rugby club; watch the Exeter Chiefs play (find out when they are on TV at http://sport.bt.com/rugby-union-hub/rugby-union/live-rugby-union-on-bt-sport-S11376642081600)</p>
Languages		
French	<p>En classe Learn the vocabulary for simple classroom objects and use the correct gender. Say what they have and do not have in their pencil case. Learn, recognise and respond to simple classroom commands and praise.</p> <p>Quelle est la date? Learn the vocabulary for the months of the year. Ask when somebody has a birthday and say when they have their birthday. Say the date in French. Create a French calendar. Recognise key dates in the French calendar.</p> <p>Phonics Learn the phonemes ‘i’, ‘in’, ‘ique’, ‘ille’.</p>	<p>Play some games to practise the new vocabulary. Go to the website www.educandy.com (you don’t need to create an account) and enter the activity code in the box at the top of the page. This will take you straight to the relevant set of games. It will say the games are created by ‘MrsO’ so you know they are the ones from Mrs O’Meara.</p> <p>En classe activity code = dda87</p> <p>Quelle est la date? activity code = ddabc</p> <p>Make sure you don’t start playing the games before we’ve covered the vocabulary in school!</p>