Sancton Wood School

Curriculum Map, Year 2 2021-2022

	Michaelmas 1	Michaelmas 2	Lent 1	Lent 2	Summer 1	Summer 2
English	**Narrative and nonfiction writing, poetry.** Text: John Patrick Norman Mchennessy and Dear Teacher • Daily spelling lessons • Exploring stories with familiar settings. • Letters and postcards written in the role of story characters. • Creating a fact sheet about owls. • Autumn poems	**Narrative and nonfiction writing. poetry** Text: The Tin Forest • Daily spelling lessons • Character and setting descriptions. • Diary entry in the role of story character. • Book review. • Writing a persuasive letter in the role of an historical character.	**Nonfiction writing, poetry.** Text: Lars the Polar bear • Daily spelling lessons • Writing instructions using imperative verbs. • Explanation texts - How do Emperor penguins survive the cold? • Simple adventure story based on book character Lars the Polar bear • Poetry inspired by the Northern lights. • Recounts, writing an account of a trip. • Writing a diary entry in the role of an historical character.	**Narrative and nonfiction writing, poetry.** Text: George the dragon • Daily spelling lessons • Fantasy story inspired by dragons • Creating a dragon profile • Dragon poems • Postcard from a famous landmark Book Week - a range of activities to celebrate reading and writing.	**Narrative and nonfiction writing, poetry.** Text: Vlad and the Great Fire of London Daily spelling lessons • Adventure story in a historical setting. • Character and setting descriptions. • Factual writing about the Great Fire. • Fire poems • Writing a diary entry in the role of an historical character	**Narrative and nonfiction writing, poetry.** Text: Meerkat Mail Daily spelling lessons • Creating a fact file about wild cats • Adventure story for a book character based on Meerkat mail storyline. • Writing a postcard as a story character. • Writing a summer poem
Maths	• Recall and use addition and	• Recognise and use symbols for	• Recall and use multiplication	• Solve problems with addition	• Order and arrange	• Tell the time to the hour and half

	subtraction facts to 20 fluently, and derive and use related facts up to 100 • Use concrete objects and pictorial representations, including those involving numbers, quantities and measures • Add two-digit number and ones • Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward • Add two-digit number and tens • Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems • Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot • Add two two-digit numbers • Add three one-	pounds (£) and pence (p); combine amounts to make a particular value • Find different combinations of coins that equal the same amounts of money • Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change • Recognise and know the value of different denominations of coins and notes • Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher • Calculate mathematical statements for multiplication and division within the multiplication tables and write	and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers • Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts • Interpret and construct simple pictograms, tally charts, block diagrams and simple table • Ask and answer simple questions by counting the number of objects in each category and sorting the	and subtraction: • Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels • Compare and order lengths, mass, volume/capacity and record the results using >, < and = • Using concrete objects and pictorial representations, including those involving numbers, quantities and measures • Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line • Identify and describe the properties of 3-D	combinations of mathematical objects in patterns and sequences • Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise) • Use place value and number facts to solve problems • Solve problems with addition and subtraction: • Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems • Show that multiplication of two numbers can be done in any order	past the hour and draw the hands on a clock face to show these times • Compare and sequence intervals of time • Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times • Know the number of minutes in an hour and the number of hours in a day • Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels • Compare and order lengths, mass, volume/capacity and record the

	digit numbers	them using the multiplication (×), division (÷) and equals (=) signs • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts • Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers	categories by quantity • Ask and answer questions about totalling and comparing categorical data	shapes, including the number of edges, vertices and faces • Compare and sort common 2-D and 3-D shapes and everyday objects • Order and arrange combinations of mathematical objects in patterns and sequences • Recognise, find and name a half as one of two equal parts of an object, shape or quantity • Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity • Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity • Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2	(commutative) and division of one number by another cannot • Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts • Using concrete objects and pictorial representations, including those involving numbers, quantities and measures	results using >, < and =
Computing	<u>Computer Science</u> Algorithms - completing	<u>Computer Science</u> Understanding of	<u>Digital Literacy</u> How computers work	<u>Communication</u> How to use technology	<u>Data and Information</u> Using technology	<u>Communication and Online Safety</u> Keeping personal information safe online

	simple algorithms relating to daily tasks Understanding flowcharts	algorithms, creating and debugging programs using a floor robot.	Develop knowledge of computers in everyday life outside of school	safely and respectfully. Keeping personal information private and identifying where to go for help and support.	purposefully to create and organise digital content	and how to present themselves in person and when communicating through technology Keeping personal information safe and to careful when sharing information
Science	<u>Exploring everyday materials</u> ● Explore the uses of everyday materials including wood, plastic, metal, glass, brick, paper and cardboard. ● Compare the suitability of different everyday materials for different purposes. ● Explore how objects made of some everyday materials can change shape and how the recycling process is able to reuse some everyday materials numerous times. ● Learning about new discoveries which have been made over time with a specific focus on John McAdam.	<u>Seasonal Changes</u> ● Use a class weather station to observe, measure and record the weather in different seasons and will make comparisons between two seasons, winter and spring, as well as across all four seasons. ● Observe changes across the seasons by exploring the signs of spring and summer through nature and wildlife. Autumn walk in the Botanical gardens	<u>The Environment</u> ● Understanding ecological challenges that face the modern world. ● Engage with environmental issues and look at simple changes we can make to live more sustainable lives, such as ways to save energy and water. ● Research and present to the class a factfile on an endangered animal.	<u>Animals including Humans</u> ● What animals, including humans, need in order to grow, thrive and survive. ● Explore the life cycles of various animals ● Investigate how young develop into adults, looking specifically at what humans need to live a healthy life. STEM week - A range of activities to deepen our knowledge. Cambridge Science centre visit and workshop	<u>Growing Plants</u> ● Learn what plants need in order to grow, thrive and survive. ● Explore the life cycles of various plants that grow from seeds and bulbs ● Investigate how they change as they grow and develop.	<u>Living things and their habitats</u> ● Find out about different habitats and all the living things within. ● Explore the difference between living and nonliving things and then find out about habitats in familiar local areas, such as woodlands or ponds, before looking further afield from seasides to the Sahara.
Humanities	**Map make** ● Develop key map skills ● Learn how to	**Guy Fawkes and the Gunpowder plot** ● The role of Guy Fawkes and that	**The Polar regions** ● Explore life, weather, climate and animals in	**Let's go to China** ● Learn about the geography, history and	**The Great Fire of London and Samuel Pepys**	**Beside the Sea** ● Learn about the geographical

	navigate around an atlas. • Create their own simple sketch maps and learn the compass directions. Walks around the local area	of other significant characters in the plot and linking to how Bonfire night is celebrated. **Remembrance Day** • Finding out why and how Remembrance day is marked. Attendance at Remembrance day service	the Arctic and Antarctic • Make comparisons with the UK. • Learn about Scott's journey to the Antarctic. Trip to the Polar museum	culture of China. • Look at similarities and differences between their life in the UK and the life of a Chinese child.	• Look at the key events of the Great fire and will be introduced to Samuel Pepys and his diaries. • Compare past and present- day London and look at how life was different in the 17th century. Dramatic recreation of the Great Fire of London	features of the seaside, both human and physical. • Find out where they are located in the United Kingdom, about the similarities and differences between seaside resorts and their own locality. • Look at how resorts have changed over time. Trip to the beach
RS	Nature & God	Celebrations	Ceremonies	Places of worship	Rules and routines	Beginnings & Endings
PSHCEE	Rights, rules & responsibilities	My emotions. Anti-Bullying.	Working together Financial capability	Sex and Relationships Education. Drug Education.	Managing Risk Safety Contexts	Healthy lifestyles
ART/DT	* Create a sketch of your own imaginary material monster. *Work as a class to make your own material class monster using different materials/media. Children working with different size papers. *Autumn collage - Tissue Paper / Tearing paper skills Drawing from experience Visit to Botanical Gardens	*Firework night pictures patterns. Tin forest scene - drawing and painting to create different animals from memory. Create a forest scene. Tin foil. *Clay making Christmas decorations with clay tools / creating patterns.	<u>Arctic</u> Modroc to use to create igloos. Snow scene / individual scene - collage. Arctic animals - model magic clay. Working with different materials / clay . modroc / model magic. Northern lights - chalk pastels. Skills - blending and shading. <u>China</u> Creating paper fans - paper folding. Visit to Fitzwilliam Museum to view Chinese art. World Art.	<u>Great Fire of London</u> Make houses using cereal boxes - sketching houses of period. Scream pictures Edward Munch - Famous artists. Great tissue paper - jam jar silhouette template.	Pop Art pictures Andy Warhol Comparing different artists' work. Seaside individual scenes using working with natural materials. Sand shells / Lighthouse - collage Tissue paper Beach huts - wooden sticks.	Teaching Pointillism Beach scene Different brush strokes.
Music	Peter and the wolf by Prokofiev	Nativity show rehearsals	The Polar Bear Using the keyboards and	The Polar Bear Using the keyboards and	Recorders	Recorders

	Learning to identify the instruments and sections of the orchestra Singing - Preparation for our Harvest Festival performance Nativity show rehearsals begin	and performance to whole school and parents	instrument sound effects students explore pitch, dynamics and tempo to tell the story of a polar bear on a journey in The Arctic. Reading notation Preparations for Spring themed performance to parents	instrument sound effects students explore pitch, dynamics and tempo to tell the story of a polar bear on a journey in The Arctic. Reading notation Preparations for Spring themed performance to parents	Students begin to learn how to play the recorder and work towards an end of term performance. Individual and ensemble work. Reading notation	Students begin to learn how to play the recorder and work towards an end of term performance. Individual and ensemble work Reading notation Preparations for end of term service singing performance to whole school and parents
Drama	Coming Soon					
Spanish	Languages Week The map and flag of Spain Revision of conversation skills: 'What is your name?', 'How old are you?', Spelling the colours. Halloween activities	Spelling numbers 1-31 in Spanish The days of the week and their spellings Christmas activities Asking and answering 'When is your birthday?'	The months of the year and their spellings 'How do you spell your name?' Revision of the vowels and the alphabet	Classroom items vocabulary Revision of the masculine and feminine articles Singular and plural Classroom instructional language Using the negative	Revision of the colours and numbers Animals vocabulary. Reinforcement of the masculine, feminine, articles, and singular and plural agreements.	Revision and consolidation of the vocabulary and grammar introduced this year through the songs and games learned and further reading and writing practice. Reading and listening to stories in Spanish.
PE	Coming Soon					