Curriculum Overview- Year Two

Questions to link learning to British Values

LITERACY

AUTUMN		SPRING		SUMMER	
1st half	2nd half	1st half	2nd half	1st half	2nd half
Ant and Grasshopper TRADITIONAL TALES Focus: Dialogue Task: Write dialogue between grasshopper's indignant sister and cruel ant. Look at compound sentences and write a fable. **Dogs and Matilda's Cat** INFORMATION TEXTS Focus: Discussion and descriptive vocabulary Task: Write using expanded noun phrases and sentence punctuation.	**The Bear and the Piano** FANTASY Focus: Creative writing Task: Stimulate creative writing. Use coordination and subordination to extend sentences, learn about past/present tense. **Dear Teacher** POSTCARDS & LETTERS Focus: Layout and structure Task: Practising common letter and postcard endings. Learning how to use sentences with different forms.	**The Dragon Machine** STORIES INVOLVING FANTASY Focus: Descriptive vocabulary Task: Read, sequence, compare & review dragon stories. Use noun phrases & conjunctions. **Diary of a Wombat** RECOUNTS Focus: Events Task: Explore conjunctions and the correct use of present and past tense. Write diary entries in role.	**Poetry- Aliens Stole my Underpants** HUMOROUS POEMS Focus: Styles Task: Revise adjectives, nouns, verbs and use suffixes to create nouns. Compare poems, write and perform their own poems. **Instructions by Neil Graiman** INSTRUCTIONS Focus: Writing Task: Explore reading, giving, planning and writing instructions. Learn about different sentence types and revise sentence punctuation. **Baby Yaga** TRADITIONAL TALES Focus: Predictions Task: Identify different types of sentence and study subordination and coordination. Write a traditional tale.	**Lost and Found** FANTASY Focus: Quests Task: Study sentence types and experiment with tense. Write and perform your own quest stories. **Poetry- Selected websites and poems** POEMS ABOUT BIRDS Focus: Synonyms Task: Writing an imaginative and descriptive sentence using synonyms.	**Willy The Champ** STORIES BY THE SAME AUTHOR Focus: Creativity Task: Recognise common features and themes **Harry and The Bucketful of Dinosaurs** INFORMATION TEXTS Focus: Fact file Task: Research and create fact files using noun phrases. Study sentence types.

Mehria Primary School

MATHEMATICS

AUTUMN		SPRING		SUMMER	
1st half	2nd half	1st half	2nd half	1st half	2nd half
Place Value: **Part 1** Compare and order numbers from 0 up to 100 in numerals and in words. Count in steps of 2, and 5 from 0, and in tens from any number, forward and backward. Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. **Addition and Subtraction** **Part 1** Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: A two-digit number and ones, A two-digit number and tens, Two two-digit numbers Adding three one-digit numbers (calculation policy: stage 2) Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.	**Statistics:** **Part 1** Interpret and construct simple pictograms and tally charts. Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. Multiplication and Division – Part 1 Recall and use multiplication 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 multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs. **Fractions:** **Part 1** Recognise, find, name and write fractions 1/3 , ¼, 2/4 and ¾. Recognise, find, name and write fractions 1 3 , ¼, 2 4 and ¾ of a length, shape, set of objects or quantity.	**Geometry:** **Part 1** 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 shapes, including the number of edges, vertices and faces. Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]. Compare and sort common 2-D and 3-D shapes and everyday objects **Measure** **Part 1** Choose and use appropriate standard unity 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 **Time** Compare and sequence intervals of time. Tell and write the time to 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.	**Place value:** **Part 2** Recognise the place value of each digit in a two-digit number (tens, ones). Compare and order numbers from 0 up to 100; use <, > and = signs. Use place value and number facts to solve problems. **Statistics:** **Part 2** Develop and construct pictograms and tally charts. Ask and answer questions about totalling and comparing categorical data. **Addition and Subtraction:** **Part 2** Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. Applying their increasing knowledge of mental and written methods. Find different combinations of coins that equal the same amounts of money.	**Addition and Subtraction:** **Part 3** Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. Using concrete objects and pictorial representations, including those involving numbers, quantities and measures. **Multiplication and Division:** **Part 2** Show that multiplication of two numbers can be done in any order (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.	**Fractions:** **Part 2** Write simple fractions for example, ½ of 6 = 3 and recognise the equivalence of 2/4 and ½. **Geometry :** **Part 2** 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). **Measure:** **Part 2** Compare and order lengths, mass, volume/capacity and record the results using >, <and =

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SCIENCE

AUTUMN		SPRING		SUMMER	
1st half	2nd half	1st half	2nd half	1st half	2nd half
Healthy animals Notice that animals, including humans, have offspring which grow into adults. Find out about and describe the basic needs of animals, including humans, for survival (water, food and air). Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.	**Habitats** Explore and compare the differences between things that are living, dead, and things that have never been alive. Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other.	**Materials Matter** Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.	**Squash, Bend, Twist, Stretch** Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.	**Ready, Steady, Grow!** Observe and describe how seeds and bulbs grow into mature plants. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.	**Gardens and Allotments** Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other. Identify and name a variety of plants and animals in their habitats, including microhabitats. Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

PSHE/RHE

AUTUMN	SPRING	SUMMER
VIPs **(Relationships)** Pupils learn: •the Very Important Persons (VIPs) in their lives •to develop positive relationships •importance of cooperation **Safety First** **(Health and Wellbeing)** Pupils learn: •safety in familiar situations •about personal safety •about people who keep us safe **How do different communities travel to school? How can we be responsible citizens on the road?**	**One World** **(Living in the Wider World)** Pupils learn: • about their own family life • compare home and schools from around the world • about how to protect the earth **Digital Wellbeing** **(Relationships)** Pupils learn •about online risks and how to stay safe •about importance of communicating online •about balancing time online with doing other activities to keep our mind and body healthy	**Money Matters** **(Living in the Wider World)** Pupils learn: • about spending and saving money • to identify the difference between the things we want and the things we need • about keeping belongings and money safe **Growing Up** **(Living in the Wider World)** Pupils learn • how we grow and change, both physically and emotionally • respecting their own and others' bodies, keeping their bodies safe and sharing their feelings in response to life experiences.

HISTORY

AUTUMN	SPRING	SUMMER
Beyond Living Memory: **Commemorating History** Learn about events beyond living memory that are significant nationally or globally and are commemorated through festivals or anniversaries. Focussing on a series of lively events such as the First Aeroplane Flight, Remembrance Day, and National Days. **Why do people want to know about the past?**	**Changes within Living Memory** Be introduced to historical concepts, vocabulary and representations through exploring the ways in which life has changed over the time of our parents, grandparents and great-grandparents. Develop a chronology of communication methods, toys, books, and food. ** Is it important to learn about our history and culture of others?**	**Famous for more than Five Minutes** Study people who have made significant contributions both nationally and internationally. Learn about their achievements and try some projects in their areas of expertise such as art, music, leadership, science, mathematics and invention. Be inspired by these role models to dream of what you might achieve in the future. Develop knowledge on Monarchs, Explorers and Artists. **Why did people want to explore? How do what explorers found out influence us today?**

GEOGRAPHY

AUTUMN	SPRING	SUMMER
Geographical Skills Explore your local area to develop core geographical skills in a fun topic that relates closely to the children's world both in and out of school. **Why should we look after our environment? What can you do to help your world?**	**Oceans and Seas** Through a series of lively and interesting activities the children will build their knowledge of oceans and seas around the world. They will begin to understand the different environments these represent and how they affect life on land as well as at sea. They will develop their geographical skills and build up their knowledge of food chains, exploration, and evolution.	**Magical Mapping** Children will develop key map skills through a range of engaging geographical skill based activities. Children will explore a range of maps at a local, national and global level, developing their understanding of how to navigate around an atlas to find key countries, continents, oceans and seas along with devising their own maps and routes. They will learn how to 'view from above' looking at aerial photographs to spot human and physical features, understand simple map symbols, compass directions and develop key geographical vocabulary.

THEMED WEEKS/VISITS

Black History Month School Council Election Horse Riding	Anti-Bullying Week Enrichment Day: Science & Technology	Fire-fighter Visit Local Walk	World Book Day	Ramadan/Eid The Bird of Prey Outreach visit	End of Year Trip

PE

AUTUMN		SPRING		SUMMER	
1st half	2nd half	1st half	2nd half	1st half	2nd half
Tag Rugby • To develop the basic rules of rugby • To develop basic evasive techniques • To introduce how to score a try • To be able to apply previously learned skills in a mini tag-rugby game	**Gymnastics** • To be able to repeat simple gymnastic actions with control • To develop a range of gymnastics moves, particularly balancing • To balance on isolated parts of the body without moving • To explore different ways of travelling using different apparatus • To link together a variety of different gymnastic actions into a sequence	**Football** • Develop different passing techniques over short and long distances • Develop the basic rules of football • Improve and develop different evasive techniques • Play a mini football game • Introduce how to score a goal accurately	**Dance** • To develop and improve basic body moves and patterns • To explore different levels and speeds of movement • To show contrasts in simple dances with good body shape and position • To work to music, creating movements that show rhythm and control • To perform a dance sequence/routine with music, following rhythm, with a start and finish	**Athletics** • To run with agility and confidence • To explore and develop different jumping techniques for distance • To throw different objects in a variety of ways • To hurdle an obstacle whilst maintaining an effective running style • To develop running over a short/long distance • To complete an obstacle course with control and agility Preparation for sports day will also be incorporated into this term.	**Cricket** • To develop and learn basic methods of striking and fielding games • To develop with accuracy throwing and catching skills • To introduce the basic rules of cricket • To understand how to position the body to strike the ball • To introduce a mini game of cricket Preparation for sports day will also be incorporated into this term.

ART

Autumn	Spring	Summer
Landscapes and Cityscapes To learn about the bright colours and bold brushstrokes used by the Impressionists, and other artists, when painting landscapes and cityscapes. To learn about the similarities and differences between the work of the different artists, looking at the colours, painting styles, settings, and times of day. Paintings, drawings, and mosaic art will be made inspired by the three artists. 	**Let's Sculpt!**  To use a range of materials creatively to design and make products using a range of unusual materials: bread, recycled materials, boxes, plastic spoons and many more. To use sculpture to develop and share their ideas, experiences and imagination. Learn about figurative and abstract sculptures, and think about shapes and materials.	**Colour Chaos** To choose, use and mix colours to create quality art work that shows progression in skills. To explore the life and work of six key abstract artists and, working primarily in paint, to create pieces in a range of abstract styles To understand the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work. To be able to mix primary colours to make secondary colours; To understanding the different strands: primary colours, secondary colours, neutral colours, tints, shades, warm colours, cool colours, watercolour etc. 

COMPUTING					
AUTUMN		**SPRING**		**SUMMER**	
1st Half	**2nd Half**	**1st Half**	**2nd Half**	**1st Half**	**2nd Half**
Using the Internet Introduction to using the Internet safely and with a purpose. Learn how to search the Internet using one word; how to make sense of the returned results; how to follow links and return to the search results. Children are encouraged to use a range of search engines, including Google, Bing and Yahoo, and some more child-friendly engines like Kidrex.	**Technology Around Us** Learn about a range of technology in familiar settings, such as school and the home. Learn the difference between technology and information technology and begin to understand the benefits of using information technology.	**Online safety** Discover how what you do online leaves a trail called a digital footprint. Also looking at how to improve the efficiency of online searches, how to identify inappropriate content and the actions they should take if they do. Children will be introduced to the term 'cyberbullying' and look at how they should communicate online and deal with instances of people being unkind via digital means.	**Presentation Skills** Learn some further skills concerning the use of folders, searching for files and printing. Begin to create simple presentations.	**Computer Art** Discover about reproducing the painting styles of great artists using computer programs. Each lesson focuses upon a different artist and their particular style. The children will use this as inspiration for mastering specific techniques within design-based software.	**Using and Applying** Reinforcing skills taught throughout the year and linking them together with a common theme of Castles. Use skills in a new context and apply them within software in order to complete a final project.

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