

Marine Academy Primary Year 2 Curriculum Map 2016-2017

Year 2	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Focus	<p>Buildings</p>  <p>There are structures around us all the time, some of which we barely notice. What are they made from? What is their purpose? What do you notice about their shapes? What can be done to make them stronger? Through this unit you will become builders and discover the secrets to holding up bridges and skyscrapers.</p>	<p>The Magic Toymaker</p>  <p>Toys come in many shapes and sizes. But all are designed for us to have fun with, to learn new skills and to exercise our bodies and our imagination.</p>	<p>Super Humans!</p>  <p>Your body is a bundle of bones, muscles, senses and nerves all connected together to make you a human. But do you know how these parts of your body work with your brain? Let's find out.</p>	<p>Time Travellers</p>  <p>To step back in time we have to become a history detective. We have to find and solve the clues to unlock the mysteries and meaning of past events.</p>	<p>A Day in the Life</p>  <p>It can be fun to imagine what we want to do when we grow up. The world is full of lots of different and exciting jobs. But we should remember to celebrate the things we can do now – the hobbies and interests that we enjoy, and the learning we do at school to help us achieve our goals.</p>	<p>Our World</p>  <p>Our world is where we live – our home, our family, our school. It is the places that we go, the people that we meet, the things that we can see, smell, hear, taste and touch. Our world is important, because we share it with lots of other living things. We need to treat our world with respect – to ensure that it is well looked after – so that every person, animal and plant can live healthily and enjoy it.</p>
English	<p>Fiction: Traditional Tales (3 weeks)</p> <p>Non-Fiction: Instructions (2 weeks)</p> <p>Poetry: Favourite Poems (1 week)</p>	<p>Fiction: Traditional Tales from a Variety of Cultures (3 weeks)</p> <p>Non-Fiction: Information Texts (2 weeks)</p> <p>Poetry: The Senses (1 week)</p>	<p>Fiction: Stories in Familiar Settings (3 weeks)</p> <p>Non-Fiction: Recounts (2 weeks)</p> <p>Poetry: Songs and Repetitive Poems (1 week)</p>	<p>Fiction: Quest and Adventure Stories (3 weeks)</p> <p>Non-Fiction: Postcards and Letters (2 weeks)</p> <p>Poetry: Traditional Poems for Young Children (1 week)</p>	<p>Fiction: Stories by the Same Author (3 weeks)</p> <p>Non-Fiction: Recounts (2 weeks)</p> <p>Poetry: Humorous Poems (1 week)</p>	<p>Fiction: Stories Involving Fantasy (3 weeks)</p> <p>Non-Fiction: Information Texts (2 weeks)</p> <p>Poetry: Really Looking! (1 week)</p>
Maths	<p>Unit 1: Numbers to 1000 Counting Place value Comparing numbers within 1000 Order and pattern</p>	<p>Unit 3: Using Models: Addition and Subtraction Simple word problems (1) Simple word problems (2) Simple word problems (3) Two-step word problems</p>	<p>Unit 7: Using Models: Multiplication and Division Multiplication Division</p> <p>Unit 8: Length Measuring in metres</p>	<p>Unit 9: Mass Addition and subtraction of mass Multiplication and division of mass</p> <p>Unit 10: Mental Calculations</p>	<p>Unit 12: Fractions Understanding fractions More fractions Comparing and ordering fractions Adding and subtracting like fractions</p>	<p>Unit 14: Volume Addition and subtraction of volumes Multiplication and division of volumes</p> <p>Unit 15: Graphs</p>

	<p>Unit 2: Addition and Subtraction within 1000 Simple addition within 1000 Simple subtraction within 1000 Addition with regrouping the ones Addition with regrouping the tens Addition with regrouping the tens and ones Subtraction with regrouping the tens and ones Subtraction with regrouping the hundreds and tens Subtraction with regrouping the hundreds, tens and ones Subtraction with numbers that have zeros</p>	<p>Unit 4: Multiplication and Division How to multiply How to divide</p> <p>Unit 5: Multiplying by 2 and 3 Multiplying by 2: skip-counting Multiplying by 2: using dot paper Multiplying by 3: skip-counting Multiplying by 3: using dot paper Division</p> <p>Unit 6: Multiplying by 4, 5 and 10 Multiplying by 4: skip-counting Multiplying by 4: using dot paper Multiplying by 5: skip-counting Multiplying by 5: using dot paper Multiplying by 10: skip-counting and using dot paper Division</p>	<p>Comparing lengths in metres Measuring in centimetres Comparing lengths in centimetres Addition and subtraction of length Multiplication and division of length</p> <p>Unit 9: Mass Measuring in kilograms Comparing masses in kilograms Measuring in grams Comparing masses in grams</p>	<p>Mental addition Mental subtraction</p> <p>Unit 11: Money Counting pounds and pence Changing pounds and pence Comparing amounts of money Word problems</p>	<p>Solving word problems</p> <p>Unit 13: Time The minute hand Reading and writing the time Learning a.m. and p.m. Time taken in hours and minutes</p> <p>Unit 14: Volume Getting to know volume Measuring in litres</p>	<p>Reading picture graphs Making picture graphs More graphs</p> <p>Unit 16: Lines and Surfaces Straight lines and curves Flat surfaces</p> <p>Unit 17: Shapes and Patterns 2D shapes 3D shapes Making patterns</p>
SMSC	<p>It's Our World 1. Devising a class charter 2. Getting to know each other 3. Communities we belong to 4. Saving energy around the school 5. Recycling 6. Pollution</p>	<p>Say No! 1. Medicines 2. Household substances 3. The dangers of smoking 4. The dangers of alcohol 5. Feeling safe: real and imaginary hazards 6. Anti-bullying</p>	<p>Money Matters 1. Why do we have money? 2. Keeping money safe 3. Can I afford it? 4. Wants and needs 5. What does it mean to be rich? 6. Setting a simple goal</p>	<p>Who Likes Chocolate? 1. Foods from around the world 2. Customs and rituals 3. Special day foods and celebrations 4. How much chocolate do we eat? 5. Where does chocolate come from? 6. Fair trade principles</p>	<p>People Around Us 1. Special people 2. People who help us 3. Feeling lonely 4. Different kinds of families 5. Difficult choices - leaving home 6. People and places around the world</p>	<p>Growing Up 1. Differences: boys and girls 2. Differences: male and female 3. Naming the body parts 4. Being unique 5. Making change happen 6. Changing our behaviour</p>
Foundation Subjects	Please see International Primary Curriculum (IPC) Topic Booklets for each Unit.					
	<p>Art Geography History International Science Technology</p>	<p>History ICT & Computing International Science Technology</p>	<p>International Science Technology</p>	<p>History International</p>	<p>Art Geography History International Society Technology</p>	<p>Science Art Geography ICT & Computing International Technology</p>
Enriched Curriculum	<p>Visit to a Building Site Trip to B&Q</p>	<p>Trip to Build a Bear and Storytelling at Waterstones Visit to the Academy from</p>	<p>Trip to Plymouth University Visitors to the Academy from St John's Ambulance</p>	<p>Trip to the South Devon Railway for a World War II Evacuee Day</p>	<p>Trip to Plymouth Hoe and Smeaton's Tower Aspiration Day at the</p>	<p>Visit to the Incinerator Trip to Kings Tamerton Woods and Mount Batten</p>

Activity	Stiltskin	to provide First Aid Training	Academy	for a Beach Clean		
French	<ul style="list-style-type: none"> listen attentively to spoken language and show understanding by joining in and responding explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help present ideas and information orally to a range of audiences 	<ul style="list-style-type: none"> speak in sentences, using familiar vocabulary, phrases and basic language structures develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases read carefully and show understanding of words, phrases and simple writing present ideas and information orally to a range of audiences 	<ul style="list-style-type: none"> appreciate stories, songs, poems and rhymes in the language broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary write phrases from memory, and adapt these to create new sentences, to express ideas clearly describe people, places, things and actions orally and in writing present ideas and information orally to a range of audiences 			
Computing	<p>Term 1: We are researchers – Researching a topic Term 2: We are games testers – Exploring how computer games work</p> <ul style="list-style-type: none"> understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions create and debug simple programs 	<p>Term 3: We are astronauts – Programming on screen Term 4: We are detectives – Collecting clues</p> <ul style="list-style-type: none"> communicate safely and respectfully online, keeping personal information private, and recognise common uses of information technology beyond school. 	<p>Term 5: We are photographers – Taking better photos Term 6: We are zoologists – Collecting data about bugs</p> <ul style="list-style-type: none"> use logical reasoning to predict the behaviour of simple programs use technology purposefully to create, organise, store, manipulate and retrieve digital content 			
RE	<p>Where do we belong? Theme: Belonging</p> <p>This enquiry explores ideas of those aspects of human nature which relate to the practices of religion and belief communities</p> <ul style="list-style-type: none"> Where do I belong? (Feelings, experiences) Where do people belong? (Family, local community, group, club, place, country, faith) What do people do because they belong to a faith or belief community? How might ideas of family and community be reflected in our own lives? 	<p>How do we celebrate our journey through life? Theme: Celebrations</p> <p>This enquiry explores how religions and beliefs express aspects of life's journey in a variety of creative ways</p> <ul style="list-style-type: none"> How do people celebrate the important events in their lives? (Birth, naming ceremonies, coming of age, joining a group, marriage, death) How do members of a religious faith celebrate these milestones in the journey of life? What artefacts, symbols and ceremonies are used at significant times? Why are certain times in life significant or special? 	<p>How should we live our lives? Theme: Leaders and Teachers</p> <p>This enquiry explores how religious and other beliefs affect approaches to moral issues</p> <ul style="list-style-type: none"> How does what I do affect other people? What rules and codes of behaviour help me know what to do? What values are important to me, and how can I show them in how I live? (Fairness, honesty, forgiveness, kindness) How do some stories from religions and beliefs and the example set by some people show me what to do? 			
PE	<p>Term 1: Basketball Term 2: Tennis</p> <ul style="list-style-type: none"> master basic movements including running, jumping, throwing and catching participate in team games, developing simple tactics for attacking and defending 	<p>Term 3: Dance Term 4: Gymnastics</p> <ul style="list-style-type: none"> master basic movements including developing balance, agility and co-ordination, and begin to apply these in a range of activities perform dances using simple movement patterns 	<p>Term 5: Athletics Term 6: Swimming and Cricket</p> <ul style="list-style-type: none"> swim competently, confidently and proficiently over a distance of at least 25 metres use a range of strokes effectively [for example, front crawl, backstroke and breaststroke] perform safe self-rescue in different water-based situations 			
Music	<ul style="list-style-type: none"> play tuned and detuned instruments musically 	<ul style="list-style-type: none"> listen with concentration and understanding to a range of high quality live and recorded music use their voices expressively and creatively by singing songs and speaking chants and rhymes 	<ul style="list-style-type: none"> experiment with, create, select and combine sounds using the inter related dimensions of music 			
Role Play Area	Minecraft Theme	Toy Workshop	Inside the Body	Air Raid Shelter	University	Woods
	Building Site	Toy Workshop	Skeleton	Air Raid Shelter	Careers Centre	Beach