

Year 5 Yearly overview 2019/2020						Teacher: Edward Himmers					
English		Maths		Science		Humanities		Art & DT		ICT	
Term 1.1	<p>Fiction Unit 1A: Stories by significant children's writers Reading and analysing stories by significant children's writers then planning and writing a story.</p> <p>Non-Fiction Unit 1B: Non-chronological reports and explanations Reading and analysing non-chronological reports and explanations then planning and writing them.</p>	<p>Number and prob solving</p> <p>Unit 1 – Whole numbers –</p> <p>Unit 8 – Calculation: Mental strategies – addition & subtraction 1</p> <p>Unit 11 - Calculation: Mental strategies – multiplication and division</p>	<p>Topic 3 Light & Shadows</p> <ul style="list-style-type: none"> Making shadows Shadows outside Changing the size of a shadow Recording shadows Materials and light Playing with light and materials Can we measure light? Seeing light Reflecting and absorbing light Changing the direction of light 	<p>History Unit 2 The Anglo-Saxons</p> <ul style="list-style-type: none"> Who were the Anglo-Saxons Who ruled the Anglo-Saxons? What was life like? What were the achievements of the A-S? Viking invasions 	<p>Still Life</p> <ul style="list-style-type: none"> Techniques to draw texture Techniques to draw 3D shapes Identify what paintings are still life Look at famous still-life paintings and use observation skills to explain your ideas about the painting. <p>Life of Paul Cezanne</p> <ul style="list-style-type: none"> Jug & Fruit Cezanne's palette colour 	<p>Introduction to computers</p> <ul style="list-style-type: none"> Using vocabulary Components of a computer CTRL functions Right click functions Keyboard, home row /typing Simple word doc functions 					
	<p>Non-Fiction cont. Unit 1B: Non-chronological reports and explanations Reading and analysing non-chronological reports and explanations then planning and writing them.</p> <p>Poetry Unit 1C: Poems by significant poets and playscripts Reading and analysing poems and playscripts and planning and writing them.</p>	<p>Measure, handling data and prob solving</p> <p>Unit 21 Telling the time and using timetables (1 week)</p> <p>Geometry, measure and prob solving</p> <p>Unit 14 – Shapes and geometric reasoning – 2D shape, including symmetry (1 week)</p> <p>Unit 15 – 3D shape (1 week)</p> <p>Unit 17 – position and movement (2 weeks)</p>	<p>Topic 4 The Earth & Beyond</p> <ul style="list-style-type: none"> Where does the sun go at night? The earth rotates on its axis The Earth's orbit The Solar system Early astronomers Space exploration today Into the future 	<p>Geo Unit 1 Water</p> <ul style="list-style-type: none"> We need water water everywhere The water supply Deserts Life in the desert Tropical Rainforests Drought Safe water Who owns water 	<p>Still Life</p> <ul style="list-style-type: none"> Life of Paul Cezanne Jug & Fruit Cezanne's palette <p>Colour</p> <ul style="list-style-type: none"> Identify what paintings are still life Look at famous still-life paintings and use observation skills to explain your ideas about the painting. 	<p>Making games (scratch)</p> <ul style="list-style-type: none"> Introduce main features of the program. Create their own game 					
Term 2.1	<p>Fiction Unit 2A: Traditional tales, myths, legends and fables. Reading and analysing traditional tales, including myths, legends and fables, then planning and writing a tale.</p> <p>Non-Fiction Unit 2B: Recounts Reading, analysing and writing recounts.</p>	<p>Number and prob solving</p> <p>Unit 2 – Whole numbers</p> <p>Unit 3 – Numbers and number system – Decimals 1</p> <p>Unit 9 – Calculation addition & subtraction 2</p>	<p>Topic 1 Plants</p> <ul style="list-style-type: none"> Plants are living Plants need energy from light plants can make new plants Flowers help plants to reproduce Insects and flowers Seeds get around 	<p>History Unit 1 Roman Invasion</p> <ul style="list-style-type: none"> Army and empire The Romans invade Roman settlers Life in the Roman army What was a Roman Villa like? The end of the Roman Empire 	<p>Pop Art To understand contextual references in this project to POP ART and use this to inform their own art work. To explore the techniques of others in making a small sculpture based on an everyday item. To understand the proportions of an object and use their observational drawing skills to record their ideas. To create a piece of artwork using building skills using clay. To evaluate your own work and the work of others recording the links and inspiration.</p>	<p>Stop motion animations (monkey jam)</p> <ul style="list-style-type: none"> Introducing cameras and monkey jam program Explore program features Create simple stop motion animations 					

Term 2.2	<p>Non-Fiction cobt. Unit 2B: Recounts Reading, analysing and writing recounts.</p> <p>Unit 2C: Narrative poetry Reading and discussing narrative poetry and performing a poem.</p>	<p>Number and prob solving</p> <p>Unit 12 - multiplication and division 2 (2 weeks)</p> <p>Handling data – organising, categorising and representing data - Probability Unit 23 (2 weeks)</p> <p>Measure – Length, mass, capacity Unit 18 – Length (1 week) Unit 19 – Mass (1 week)</p>	<p>Topic 1 Plants</p> <ul style="list-style-type: none"> • what do seeds need? • Do seeds need light? • Growing seeds in variable conditions • the life cycle of a plant • Stages in the life cycle 	<p>Geo Unit 3 & 4 Coasts and Coastal settlements</p> <ul style="list-style-type: none"> • Coastal features • The movements of the ocean • Waves at work • Beaches • Types of coastal settlement • A coastal holiday resort • The coastal city of Aaaba • The container port of Jebel Ali • Singapore • Rotterdam 	<p>Pop Art</p> <p>To understand contextual references in this project to POP ART and use this to inform their own art work.</p> <p>To explore the techniques of others in making a small sculpture based on an everyday item.</p> <p>To understand the proportions of an object and use their observational drawing skills to record their ideas.</p> <p>To create a piece of artwork using building skills using clay.</p> <p>To evaluate your own work and the work of others recording the links and inspiration.</p>	<p>Presenting to an audience (Power point presentations)</p> <p>Look at features that make a good or bad presentation Create a presentation (linked to persuasive writing) Speak confidently when presenting to the class</p>
Term 3.1	<p>Fiction</p> <p>Unit 3A: Stories from different cultures Reading and analysing stories from a variety of different cultures and writing a story.</p> <p>Non-Fiction</p> <p>Unit 3B: Persuasive texts Reading and analysing persuasive texts then writing a persuasive letter and commentary.</p>	<p>Number and prob solving</p> <p>Unit 4 – Decimals 2 Unit 5 – Fractions Unit 6 – Percentages Unit 7 – Ration & proportion Unit 10 – Addition & Subtraction 3</p>	<p>Topic 2 States of Matter</p> <ul style="list-style-type: none"> • States of matter 1,2,3 • Drying clothes 1,2 • Does the shape of a container effect evaporation? • Condensation 	<p>History Unit 4 Transport</p> <ul style="list-style-type: none"> • On the road • Water transport • Rail transport • Up in the air • Transport in the future <p>Geo Unit 2 Transport</p> <ul style="list-style-type: none"> • Forms of transport • Road traffic • Traffic problems • Solving traffic problems • Do we want a new road? 	<p>Japanese Art</p> <ul style="list-style-type: none"> • Visual Elements • Ukiyo-e • Notan 	<p>Giving instructions (beebot)</p> <ul style="list-style-type: none"> • Introducing instruction and programming • Using instructional and programming language
Term 3.2	<p>Non-Fiction</p> <p>Unit 3B: Persuasive texts Reading and analysing persuasive texts then writing a persuasive letter and commentary.</p> <p>Poetry</p> <p>Unit 3C: Performance poetry Reading and discussing performance poetry and performing poems.</p>	<p>Number and prob solving</p> <p>Unit 13 – Multiplication & division 3</p> <p>Geometry – shapes and geometric reasoning Unit 16 – Angles</p> <p>Measure, handling data and prob solving Length, mass and capacity Unit 20 – capacity Unit 22 – area and perimeter</p>	<p>Topic 2 States of Matter</p> <ul style="list-style-type: none"> • The water cycle • Heating ice • Does sugar dissolve <p>Making crystals</p>	<p>Geo Unit 5</p> <p>Unit 5 Wind</p> <ul style="list-style-type: none"> • Using the wind • Wind direction & strength • Hurricanes • Tornadoes <p>History Unit 3 The Maya</p> <ul style="list-style-type: none"> • Who were the Maya • What were Mayan cities like? • Who ruled the Maya • Mayan merchants • What achievements are the Maya known for? 	<p>Japanese Art</p> <ul style="list-style-type: none"> • Origami • The Art of writing • Folk Art 	<p>Questioning and sorting data</p> <ul style="list-style-type: none"> • Use a set of objects and create a full sorting tree • Designing the questions that, based upon the properties will sort the items into ever decreasing groups