



## Oxhey Wood Primary School Curriculum 2019 /20

### Year 5

#### Autumn 1



Y5 - Alchemy Island

#### Autumn 2



Y5 - Stargazers

#### Spring 1



Y5 - Peasants, Princes & Pestilence

#### Spring 2



Y5 - Off with Her Head!

#### Summer 1












Y5 - Time Traveller

#### Summer 2



Macbeth



English	Take one book: The secret of Platform 13 Fantasy narrative Non- chronological reports Poetry	Moon myths Free verse poetry newspaper reports Sci-fi narrative Character description Instructions Cosmic – Frank Cottrell Boyce (take one book)	Narrative using personification Journals English poetry Persuasive speech letters Children of winter - Bertie Doherty The illustrated Canterbury Tales: Geoffrey Chaucer	Biographies Poetry and riddles News reports Persuasive letters Dialogue Treason by Bertie Doherty	Mystery/ Adventure narrative : The London eye mystery /Tom’s Midnight Garden Character study Leaflets I Free-verse poetry	Texts from our literary heritage Diaries, letters, performance, re-telling a narrative
	 English-Progression-of-Skills.docx		 year 5 non negotiable reading  year 5 non negotiable spelling.d		 Grammar Non-Negotiables.doc	
Maths	Place Value and rounding Interpret negative numbers Place value 3DP Multiply and divide by 10,100,1000 Properties of number. Multiples, factors, common factors Prime and composite numbers Multiply and divide mentally Solve problems – key facts Add and subtracting a range strategies	Add and subtract-formal written methods Formal written method. Multiplication Formal written method. Short division Equivalent fractions Compare and order fractions Add and subtract fractions	Problem solving- all four operations Multiply fractions by whole numbers Fraction problem solving Measure-converting units of measure Area- volume and capacity Percentages-problem solving percentages	3-D Shapes from 2-D representations Reflection and translation Perimeter Estimate, compare, measure and draw angles Identify unknown angles	Formal methods for Division and Multiplication in complex problems Strategies for Multiplication and Division (mental and written) Solving problems involving scaling by simple fractions and rates Conversion of imperial and Metric units of measure Fractions, decimal and percentages Problem solving Reading timetables and Calculating with time Solve problems involving the four operations.	Distinguish between regular and irregular polygons Use properties of rectangles Statistics, comparison, sum, difference on a line graph Statistics interpreting and evaluating information in charts and tables Roman numerals

	<p><b>Progression in maths</b></p>  <p>Mathematics-Progression-of-Skills yr 5.do</p>			<p><b>maths vocabulary year 5</b></p>  <p>Maths vocabulary year 5.docx</p>		
Science	Properties of & changes in materials Animals including humans	<p>Earth and space</p> <p><u>Cross curricular opportunities</u> English: Debate (discursive) Maths: solve problems involving measure Scientist: Tycho Brahe</p>	<p>Living things and their habitats</p> <p>Working scientifically</p>	<p>Forces Gravity, air, water resistance</p> <p><u>Cross curricular opportunities</u> English: Persuasive writing Maths: Measurement time Scientist: Isaac Newton</p>	<p>Humans developing into old age</p> <p><u>Cross curricular opportunities</u> English: explanation text Maths: Line Graphs Scientist: Charles Darwin</p>	<p>Living things and their habitats Plant reproduction Life cycles of mammals, amphibians, insects and birds.</p> <p><u>Cross curricular opportunities</u> English: Non-chronological reports Maths: Bar charts Scientist: Marcello Malpighi</p>
	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">             yr 5 science non negotiables.docx         </div> <div style="text-align: center;">             Science-vocabulary.docx         </div> <div style="text-align: center;">             yr 5 science programme of study         </div> </div>					
Computing	<b>Science non negotiables</b>		<b>Science vocabulary</b>			
	Digital photography, coding	Programming, stopframe animation	Collecting , evaluating and presenting data and information	Research, datahandling, presentation	Local Heritage project: digital portraits, data logging, online research	Using the web, word processing



Computing-Progression-of-Skills UKS2.doc

**Progression in computing**

	<p style="text-align: center;"> Computing-Progression-of-Skills UKS2.doc</p> <p style="text-align: center;"><b>Progression in computing</b></p>					
RE	Celebrations	Symbolic ways of expressing meaning	Belonging to a community, individual commitment and religious leadership	Communicating beyond prayer, sacred spaces, Gods, creation and ultimate questions	Sacred texts and stories	Ethics, what is right and wrong, just and fair
PE	Netball Gymnastics	Hockey Dance	Football Dance, historical games, battle reenactment	Rugby Tudor dance	Orienteering Gymnastics	Athletics Dodgeball
			<p style="text-align: center;"> Physical-Education-Progression-of-Skills UI</p> <p style="text-align: center;"><b>Skills progression in P.E</b></p>			
Art	(see skills progression)	<u>Printing Design</u>  Space themed images	<u>Drawing Printing Design</u>  Sketching, printmaking, historical recipes	<u>Painting - working with colour</u> <u>3D Sculpture</u>  Tudor fashions/ 3D modelling	<u>Textile and collage</u> <u>Drawing works of significant artists</u>  photography Andy Warhol/Salvador Dali-collage	<u>Painting and drawing</u>  Botanical drawing and painting Key figures from Shakespeare Plays  Interpretations of William Shakespeare

**Overall objective throughout the year - Create sketch books to record their observations and use them to review and revisit ideas**



Sketchbooks - non negotiable.doc

**Skills progression UKS2**












Art-and-Design-Progression-of-Skills UKS2



Design-and-Technology-Progression-of-S

Overall objective throughout the year - Create sketch books to record their observations and use them to review and revisit ideas						
<p style="text-align: center;"><b>Skills progression UKS2</b></p> <div style="display: flex; justify-content: space-around;"> </div> <p style="text-align: center;">Art-and-Design-Progression-of-Skills UKS2    Design-and-Technology-Progression-of-S</p>						
<b>DT</b>	<b><u>Design, make and evaluate</u></b>	<b><u>Design, make and evaluate</u></b>		Selecting materials- making a clock	<b><u>Nutrition and cooking</u></b>	
	To make a treasure box	Rockets, selecting materials, design research, structure evaluation.			Making planters and structures for growing plants	
<b>Geography --</b>	Map reading skills using coordinates, human and physical features- building from year 4 Climate, biomes, grid references, compass, OS maps and symbols NC KS2 G 4,5,7,8	Locating physical features NC KS2 G 5	Use maps, atlases to locate where the black death started NC KS2 G1 ,7		Aerial images Identify geographical features  NC KS2 G1 ,4, 6, 7	Land use, food origin, geographical skills and fieldwork, map work, climatebuild on work from year 4 BV-Mutual Respect NC KS2 G 6,9

	  key vocabulary map work.zip      Physical Geography Key vocabulary.doc		 Geography-Progression-of-Skills uks2.doc: <b>SKILLS PROGRESSION</b>	 Weather key vocabulary.docx		
History		World War 1 Timeline of significant events, causes, significant people BV- Individual liberty, mutual respect, democracy. Rule of Hi 6 Law NC KS2	14th Century England Black death evidence that tells us about the past identify human and physical features Social classes Search engine BV-Individual liberty, mutual respect, democracy. Rule of Law NC KS2 Hi 6	The Tudors Timeline, where Tudors fit into history Famous artist Holbein BV- Individual liberty, mutual respect, democracy. Rule of Law NC KS2 Hi 6	Local Heritage project-changes in the local community Significant individuals: Gallileo, Newton build on knowledge from year 4 inventors Space race( planets year 1) BV-Individual liberty, mutual respect, democracy. Rule of Law NC KS2 Hi 5, 6	Time traveller Chronology across history BV-Individual liberty, mutual respect, democracy. Rule of Law NC KS2 Hi 1,2,3,4,
			 History-Progression-of-Skills uks2.docx	  World War I key vocabulary.docx      The Tudors key vocabulary.docx		
PSHE	Jigsaw: Being me in my world	Celebrating difference	Dreams and goals	Healthy me Rules and consequence	Relationships	Changing me Taking responsibility

MFL	Revise " All about me" "Directions" (around the island and its physical features - to find the treasure) e.g. allez aux fleuve, tournez a droite, continuez aux montagnes, nord/sud/est/ouest	"Planets and adjectives" (colour, size, comparatives, near/far)	"French Royal Family Tree" - (revise family members, extend with cousins, nephews etc)   Lanuguages-Progres sion-of-Skills.docx	"Rooms of the House" (Palace of Versailles linking to Hampton Court)	"Telling the time" ( and revise numbers), important historical dates	"Fruit and Vegetables" (quantities, following/giving instructions for preparing salads, soups, fruit salad)
Music	Composing, recording, editing, atmospheric music, graphic scores	Space- inspired music and lyrics	Composing and singing	Tudor music, composition	Local heritage project	BBC radio Macbeth songs/raps/performance
	 Music-Progression-of-Skills.docx					
Trip (ideas)	Memorable experience in class	Mobile planetarium to visit school	RE trip	Hampton Court	Local area walk (linked to Heritage project) Time travel day	2 day residential Allotment visit