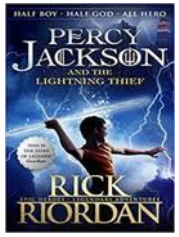
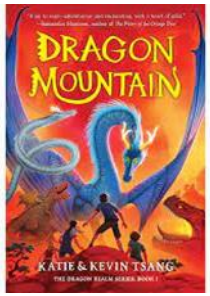
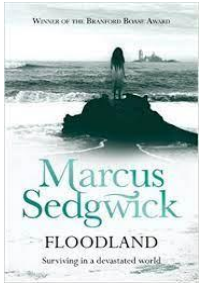
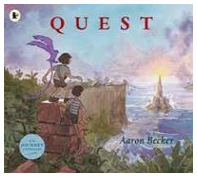
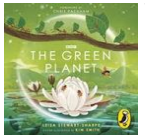
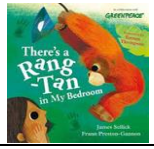
Saxon Way Primary School – Yearly Overview 2022-2023

	Year Group: 5					
	AUTUMN		SPRING		SUMMER	
	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
TOPIC	**Stargazers/ Earth/Space**	**Here come the Greeks**	**North America**	**Mountains and Rivers**		**GAF**
SUBJECT	8 weeks	7 weeks	6 weeks	6 weeks	6 weeks	7 weeks
English	Text – *Cosmic*: Frank Cottrell Boyce. Character description, newspaper reports, Chronological reports, fact files, free verse poetry. Reading: VIPERS. Non-fiction: Books on space.	Text – *Percy Jackson and the Lightning Thief*: Rick Riordan.  (Greek Myths – see History) Short narrative with signage and emails, adverts, twisted tale. Reading: VIPERS. Non-fiction: World Book Day and see Geography – Mountains and Rivers.	Text – *The Boy in the Girl's Bathroom*: Louis Sachar. Recount, informal letter, invitation, explanation, dialogue, comic strips, poetry. Reading: VIPERS.	Text – *Dragon Mountain*: Katie & Kevin Tsang.  Reading: VIPERS. Shakespeare abridged version: Play TBC Character description, non-chronological reports, instructions and advertisements, leaflet. Dialogue/playscripts Shakespeare: performance – playscripts.	Text – *Floodland* – Marcus Sedgwick.  Reading: VIPERS Grammar in context. Examples of cohesion. VIPERS GPAS: (NC stat req). Word – prefixes Sentence – relative clauses, adverbs, modal verbs Test – cohesion within paragraphs: might, should, will, must Punctuation: commas and parentheses Writing: Identify narrative journey of 'Floodlands' and make focus – writing cohesively in creative writing.	Text – Quest: Aaron Becker.  Writing: Story writing. Figurative language. Setting description. Character building. Structure of a story. Alternative ending. Reading: 3 texts, in groups pupils report to each other. *The Green planet*: Leisa Stewart-Sharpe.  *Leaf*: Sandra Diekmann. *There's a rantan in my bedroom*: James Sellick 

Saxon Way Primary School – Yearly Overview 2022-2023

Maths	Number: Place value, addition and subtraction. Read, write, order and compare numbers up to at least 1,000,000 and determine the value of each digit e.g. what is the value of the '7' in 276,541? Find the difference between the largest and smallest whole numbers that can be made from using three digits. <u>Cross curricular with science Statistics</u> Complete, read and interpret information in tables, including timetables.	Measurement: perimeter and area. Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres; count squares for area Calculate and compare the area of rectangles (including squares), and including using standard units, square centimeters (cm^2) and square metres (m^2), and estimate the area of irregular shapes. <u>Multiplication and Division</u> Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.	Fractions. Decimals and percentages. Count up and down in hundredths; Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. Compare and order fractions whose denominators are multiples of the same number. <u>Decimals and Percentages</u> Round decimals with one decimal place to the nearest whole number.; Solve simple measure and money problems involving fractions, and decimals with up to two decimal places. <u>Cross curricular with science</u> <u>Geometry: position and direction.</u> <u>Measurement: converting units, volume.</u> : Identify acute and obtuse angles, and compare and order angles up to two right angles by size. Identify acute and obtuse angles, and compare and order angles up to two right angles by size. Begin to recognise where angles are greater than two right angles. Know the term straight angle, referring to two right angles together.	Number: fraction; Geometry: properties of shape. Properties of Shape: Compare and classify geometric shapes, including quadrilaterals and triangles; Identify lines of symmetry in 2-D shapes presented in different orientations; ; Understand regular/ irregular shapes Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes. Identify lines of symmetry in 2-D shapes presented in different orientations. Complete a simple symmetric figure with respect to a specific line of symmetry. Begin exploring line symmetry with two lines of symmetry <u>Measurement: Money and conversions</u> Solve simple measure and money problems involving fractions, and decimals with up to two decimal places. Estimate, compare and calculate different measures, including money in pounds and pence. Solve simple measure and money problems involving fractions, and decimals with up to two decimal places.	Number: decimals. Decimals/Fractions/ percentage; Money Solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25. Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. Round decimals with one decimal place to the nearest whole number. Solve simple measure and money problems involving fractions, and decimals with up to two decimal places. Geometry LAPs: basic operations	Measurement: Time Read, write and convert time between analogue and digital 12- and 24-hour clocks. Convert between different units of measure e.g.: hour to minute. Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days Position and direction Draw given angles and measure them in degrees (°). Measurement: Volume and conversions Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre).

Saxon Way Primary School – Yearly Overview 2022-2023

Science	Earth and space: Describe the movement of the Earth, and other planets; explain day and night and the apparent movement of the Sun across the sky.	Forces: the force of gravity; the effects of air resistance, water resistance and friction; recognise that some mechanisms, allow a smaller force to have a greater effect.	Living things and their habitats: Biomes of the USA.	Properties and changes of materials: Compare and group together everyday materials; know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution; how mixtures might be separated; give reasons, based on evidence from comparative and fair tests; dissolving, mixing and changes of state are reversible changes; some changes result in the formation of new materials, and that this kind of change is not usually reversible.	Forces: mechanics. Pulleys and levers.	Plants: life cycles. Puberty. Animals including humans: Describe the changes as humans develop to old age.
Computing	E-safety	Internet use- independent using filters when searching-researching *Flipped learning*	Coding- design, write and test simple programs. *Flipped learning*	Keyboard skills- publishing and presenting. *Flipped learning* – PPT, home learning projects.	Keyboard skills- tables and graphs.	On-line safety
History/ Geography	History: space race- timeline; Solar system: **Astrodome**. Geography: Continents, oceans, countries of the world. BAME	History: Ancient Greece. The Ancient Greeks Foundation Myths Gods Demi-gods Monsters and mortals Geography: map reading and co-ordinates (cross curriculum maths)	History: Mayans, Aztecs. Link to maths: number system. Geography: Natural disasters, tectonic plates, earthquakes and volcanoes.	History: Far Eastern culture, diversity and people. Geography: Landforms and weather.	History: Anglo Saxons. Geography: Rivers, flooding, local history (1953 flood). Maps and land-use (cross curricular to Science – habitats). Geography: physical features of coasts, erosion and deposition. **Visit to Horton Kirby.**	
Art/DT	Artist: Filippo Brunelleschi Perspective drawing using prior knowledge of colour theory for depth.	Art: look at Greek pottery designs from history: create your own modern scene.	Art: Look at contemporary Native American artists: Create an image in the	Artist: Mondrian Collage techniques.	Colour and landscape: George Seurat Pointillism / stipple Themes: rivers	Artist: GAF: TBC **DT**- TBC

Saxon Way Primary School – Yearly Overview 2022-2023

	DT: Create a sleeve for a rocket. Winning designs will get to launch the rockets.	Sculpture: 3D structure: mythological character – wire frame, Modroc, fabrics Greek pottery **DT**- see above. Making mechanisms – Archimedes screw (time permitting) **DT**: **Care in the community: Cook a Christmas dinner.**	style of with your own twist, Collage: Native American head dress. **DT** – Making Mexican food. **Mexican day.**	**DT**: Architecture: looking at structures from history. Create and design your own building using nets learnt in maths.	GAF poster competition. **DT**- Link to science: pulleys and levers.	
RE	Christianity/Judaism/Buddhism - Advent		Christianity – Ash/Shrove/Lent/Holy Week Judaism - Passover		Islam- Ramadan and Eid-al-Fitr	
PE (outdoor)	Hockey.	Handball.	Counter balance.	Problem solving (cross-curricular – Maths, orienteering mountains and rivers).	Situational Awareness: cricket.	Competitions.
PE (indoor)	Communication and tactics.	Orienteering.	Badminton	Health-related exercises	Rounders.	Athletics
PSHE	Respond appropriately to a wide range of feelings in others; recognise different types if relationships; to know what is healthy relationship.	To recognise, predict and access risks in different situations and decide how to manage them responsibly.	Independence and responsibility. Good and bad habits and why it is difficult to change them.	Drugs and other substances affecting our bodies. Ownership of learning Conflict (Ukraine)	Pressure to behave in Unacceptable or risky way can come from variety of resources including the media and people they know.	Growing up and taking care of our bodies.
Music	Djembe drums.	Musical contrast.	ABC of Opera.	Café central.	Scales and Sets.	Remarkable romantics.
Trips & Visitors	Astronomy Roadshow	Care in the community: Cook a Christmas dinner.	Mexican day Mexicolori visit.	None	Horton Kirby	Visitor- GAF workshops. GAF 10 to London.
School Value	Kindness and Relationships	Responsibility and Independence	Excellence and Resilience	Kindness and Relationships	Responsibility and Independence	Excellence and Resilience
British Value	Integrity	Democracy	Mutual Respect	The Rule of Law	Individual Liberty	Tolerance / Mutual Respect