

Turtles	Year B2 / Autumn 2 2024	
Key Question	<i>How is fire made?</i>	
Hook/Trip	Science Experiments/Volcano Modelling	
English JC genres of writing Writing genres Key books	Newspaper report, instructions, story, balanced arguments, diaries and playscripts Adventure/Mystery stories Escape from Pompeii, information books about volcanoes	
Maths Key areas of learning	Four Operations (Main focus on multiplication and division) will also cover area as a part of their multiplication unit.	Year 4
Science Scientific Knowledge Working Scientifically	States of Matter Compare and group materials together, according to whether they are solids, liquids or gases; observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C); identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature Setting up simple practical enquiries, comparative and fair tests; gathering, recording, classifying and presenting data in a variety of ways to help in answering questions; reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions; using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions; making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers	
Art and Design	Drawing/Painting/Photography Self portraits - Andy Warhol To improve their mastery of art and design techniques including drawing, painting and sculpture with a range of materials. To create sketch books to record their observations and use them to review and revisit ideas. Learn about great artists, architects and designers in history.	
Computing	E- safety- Sharing Personal information & Live Streaming use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact	
Design & Tech.		
Geography	Volcanoes & Earthquakes Mountains, volcanoes and earthquakes; describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes; locate the world's countries, using maps to focus on Europe	

History	Pompeii; understand historical concepts, make connections, analyse trends and create their own structured accounts, including written narratives and analyses
Languages	Spanish :Animals (see KO for more details)
Music	Unit 1 Pulse play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression; improvise and compose music for a range of purposes using the inter-related dimensions of music; listen with attention to detail and recall sounds with increasing aural memory; use and understand staff and other musical notations; appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians; develop an understanding of the history of music. Learn to play the recorder - WCIT
PE	Basketball and indoor athletics
PSHE	Financial Capability, Digital Lifestyles, Healthy lifestyles How to make informed choices about health and wellbeing and to recognise sources of help with this. To identify different influences on health and wellbeing.
Religious Ed.	UC 2.4 Gospel- What kind of world did Jesus want? Identify this as part of a 'Gospel', which tells the story of the life and teaching of Jesus. Make clear links between the calling of the first disciples and how Christians today try to follow Jesus and be 'fishers of people'. Offer suggestions about what Jesus' actions towards the leper might mean for a Christian. Make simple links between Bible texts and the concept of 'Gospel' (good news). Give examples of how Christians try to show love to all, including how members of the clergy follow Jesus' teaching. Make links between the Bible stories studied and the importance of love, and life in the world today, expressing some ideas of their own clear.
Key Vocabulary	Solid; liquid; gas; melt; freeze; solidify; dissolve; solution; filter; undissolved; dissolved; sieve; mix; separate; evaporation; condensation; changing state; thermometer; cycle; evaporate; condense; temperature; vapour; conditions; oxygen; carbon dioxide; air; properties; add; more; extra; increase; gain; plus; sum; subtract; less; take-away; difference; minus; whole; part; group; addition; subtraction; total; altogether; more; less; more than; less than; similar; different; nearly; almost; combine; separate; digit; number; place; value; ones; tens; hundreds; thousands; ten thousands; decimals; tenths; hundredths; multiply; times; column method; grid method; repeated addition; group; multiplication; tables; division; divide; grouping; sharing; repeated subtraction; inverse; chunking; bus shelter; clock; hands; hour; minute; past; quarter; half; digital; analogue; long; short; clockwise; anti-clockwise; seconds; day; week; month; year; decade

