

	Yr	AUTUMN		SPRING		SUMMER	
<u>CYCLE A</u>		WATER WARRIORS		CHANGING WORLD		PEOPLE, POWER, PROGRESS	
Geography Links	1/2	Looking at local rivers on maps. Seas and Oceans. Simple features of river to include waterfalls.		Seasonal/daily weather patterns. Mountains – compare Lake District to Himalayas. Antarctica.		World continents, Simple study of local environment – businesses in Killinghall locational language and simple map work.	
	3/4	Water cycle. (including condensation & evaporation- sci).Why we need water – floods, draughts. Locate rivers on maps. River Nidd study		Volcanoes and earthquakes		Trade links – Study of Harrogate to include Bettys link to rainforests. Fairtrade –journey of a banana.	
	5/6	Tropics, polar regions, time zones. Continents, oceans, rivers on maps, atlas.		Mountains & Rivers – journey of a river. The Nile.		Trade links – study of development of trade links around the world. Development of the EU and G8. Similarities and differences – human & physical between area of UK, Europe and South America.	
History Links	1/2	Watermill on bridge (Bonfire Night – Guy Fawkes).		Edmund Hilary – Everest.		Great fire of London and its impact on London – compare to fire at Prezzo.	
	3/4	Stone Age to iron Age. Early Britons – life & how their settlements grew.		Ancient Greece – Greek life and achievements and influence on the western world.		Mayan Civilisation	
	5/6	Viking ships & invasions.		Ancient Egypt & the River Nile.		Romans and impact on Britain – Hadrian's wall/Yorkshire museum	
Local Links		River Nidd, Watermill Yorvik		Pump rooms – Egypt. Local mountaineer		Aldbrough, York Prezzo Harrogate	
Science	1/2	Living things & habitats – characteristics of living things, water as a habitat and as part of what living things need – basic needs for survival.	Animals, including humans – use local environment to explore questions about animals in their environment in winter.	Seasonal changes – changes in the weather & seasons. Tables & charts. Length of days.	Animals, including humans. Materials – link to keeping warm and different weathers in Himalayas and materials that can be used.	Animals, including humans – use local environment to explore questions about animals in their environment in Summer. Talk about life cycles and growth.	Plants – explore & answer questions about plants they have planted. Link to local study – plants that grow in their environment.

	3/4	Rocks Explore rocks & soils – changes over time. Fossils.	Animals & Humans Nutrition – compare their diet to that of Stone age people. Main body parts	Forces & magnets What are forces? Magnetic forces. How surfaces affect a force.	Electricity Simple circuits using components Conductors and insulators.	Light Light & dark. The sun, shadows.	Plants Parts of flowering plants. Requirements for plants to grow.
	5/6	Evolution & Inheritance Living things have changed over time fossils. Adaptation of animals & plants over time. Mary Anning, Charles Darwin & Alfred Wallace.	Light – light sources, reflections & shadows. Light travelling in straight lines. Sight.	Electricity Circuits using components – recognize symbols and draw accurate circuits.	Forces- levers, pulleys, gears. Gravity.	Animals including humans – Main body parts. Keeping healthy. Relationship between diet, exercise etc. Stages in growth & development of humans.	
Maths		Capacity & temperature		Data. Length		Money. Distances/measure	
Art/Design All groups to have a sketch book – focus on recording observations – reviewing & revisiting ideas.	1/2	Focus on paint – colour mixing, pattern, texture etc. Watercolour, acrylic, ready mix. Brush skills. Compare work of different artist who have painted water scenes – create work in these styles.		Focus on Mountains Snow scenes Collage		Portraits, People & buildings in art. – Van Gogh Observational drawing of each other. Clay tiles of faces. Portraits London burning scenes	
	3/4	River Nidd observational sketching. Cave paintings. Monet – Water Lilies		Volcano collages Greek pottery and images.		Study of Mayan art work – stone sculptures, wood & jade carving. Murals. Pyramids & architecture.	
	5/6	Viking art work –ships, shields, helmets, jewellery. Viking Gods. Hokusai Waves – link with Viking ship. Hockney – swimming pool.		Egyptian Cats Hieroglyphics & cartouches. Coil pots Parchment & portraits-Mask of Tutankhamun		Roman – Mosaics, Sculpture, architecture & frescos. Armour and shields. Picasso	
<u>CYCLE B</u>		MEDIEVAL MARVELS		MIND BLOWING MEMORIES		TIME TRAVELLERS	

Geography Links	1/2	Aerial photos to recognize landmarks and basic human & physical features – stating point Windsor castle.		Use memories of holidays and visits to identify key physical features and human features. Hot & cold areas of the world.		Jungle – contrasting non UK area. Dr Livingstone.	
	3/4	Knaresborough study – settlements Link to France – Bayeaux.		Comparing locations using aerial photos and old maps – identify changes both human and physical.		Changing natural landscapes – glaciers, rivers, erosion etc. Rocks – Brimham Rocks study.	
	5/6	Geography linked to journeys of the Crusaders – changes of place names of cities/spread of black death across Europe – use maps etc.		Local study- Jennyfeld development – changing Killinghall – land use etc. Development of the Glebe		Main physical & human features of UK compare/contrast to Ethiopia as African country & Spain as European country.	
History Links	1/2	Knights, princesses and castles. Coats of arms. Robin Hood		Changes in recent past – grandparents lives compared to their own.		Neil Armstrong compared to Christopher Columbus.	
	3/4	Anglo Saxons – Battle of Hastings Study Bayeaux tapestry.		Victorian Harrogate – workhouses, spa town, pump rooms-Victorian engineering.		Development of transport – canals, roads, railways.	
	5/6	Medieval church live & sacraments. Study of All Saints Church, Ripley. Sickness in medieval times/medicine. Black Death. Punishment. The Crusades. King John and the Magna Carta. Medieval village life – link to Killinghall (Chenihalle in Domesday book)		Killinghall buildings- War memorials – link to WW1 and WW2 (evacuees in Killinghall) Levens Hall – Oliver Cromwell. St Thomas Church & graves.		Space Exploration.	
Local Links		Kennel Hall All Saints Ripley Knaresborough Castle		Harrogate - Pump rooms. Ripon Workhouse Killinghall – war memorials, Levens Hall, St Thomas.		York railway museum. Saltaire – canals. Brimham rocks.	
Science	1/2	Living things & habitats Explore & compare differences between living & dead. Habitats need to provide for needs of animals etc. Simple food chains.	Materials Properties of everyday materials, uses of different materials link to knights armour, weapons etc.	Animals & humans Exercise & nutrition. Growth. Compare to grandparents and memories of their diet.	Seasonal changes - weather patterns around the world.	Plants Germination, growth & survival. How plants change over time.	Animals including humans – Main body parts. Keeping healthy.
	3/4	Animals including humans Digestive system,	Sound Vibrations and sound travel. Patterns in	Living things and habitats Grouping	Plants Life cycle of plants – including pollination.	States of matter Solids, liquids, gases. Changes	Animals including humans – Main body parts.

		teeth. Comparing teeth of different animals and what they eat. Keeping teeth healthy.	pitch. Sound insulators.	livings things classification keys. Recognize environments change over time.	Photosynthesis.	of state. Simple reversible reactions.	Keeping healthy
	5/6	Animals including humans – Circulatory system – heart, blood vessels.	Living things and habitats Classification. Carl Linnaeous. Use classification and keys .	Materials Properties and changes. Reversible/non reversible. Separating materials. Scientists Ruth Benerito & Spencer Silver.		Earth & Space Movement of Earth, and planets relative to sun. Earth's rotation to explain day and night. Consider work of Ptolemy, Alhazne and Copernicus. Construct simple shadow locks.	
Maths		Direction, mapping,	grids, measure	Temperature , data		Time. Measure	
Art/Design	1/2	Knights, princesses arms and shields. Portraits of Kings and Queens - collage	castles. Coats of	LS Lowry			
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	5/6	Religious painting of Byzantine & Romanesque period. Work of Donatello & Giotto.		Urban landscapes -Observational sketching to be transferred into compositions. Architectural design study – plans. Angela Wakefield V Andy Goldsworthy.		Poster art. Surrealism. Warhol and Dali	