



EXPLORE TERM

Year 5

Explore	Inquiry Questions	Maths KOs	English Reading KO	Geography Extreme KO Local KO	Science Living things KO Materials KO	Art & Design	History	Design & Technology Textile KO	Music	PSHE/ RSE	Computing Systems KO	R.E Christianity and Judaism (Beliefs and Practices) Christianity KO Judaism KO	PE Netball KO	PE (Matt) Rugby KO
1 (04/09)	Ice Age to Global Warming: what can be done to reduce climate change?	Place Value	Stormbreaker (CLPE)	An environment is considered extreme if it is very hard to survive there Deserts, mountains, polar regions and ocean trenches are some extreme environments. The World's environments are becoming more extreme. Animals, people and plants have to adapt to live in extreme environments. Human activity affects extreme environments Extreme environments have always existed on Earth. The Sahara desert is in North Africa and has an area of 8,600,000 square km. Deserts have very little precipitation. The polar regions are deserts; their precipitation falls as snow. The Mariana trench, in the Pacific Ocean is nearly 11km deep. Mount Everest is in the Himalayan Mountains on the border between China and Nepal. It is 8,848.86 m high	Living things and their habitats			DT Textiles (making a draft excluder) Produce a 3-D textile product from a combination of accurately made pattern pieces, fabric shapes and different fabrics. Understand how fabrics can be strengthened, stiffened and reinforced where appropriate. Know and use technical vocabulary relevant to the project.	Composition Notation (Ancient Egypt) L1: To sing with accuracy, fluency, control, and expression L2: To explore and use different forms of notation L3: To understand note length L4: To read simple pitch notation L5: To use hieroglyphs and stave notation to write a piece of music	Zones of Regulation	Computing systems and networks - Systems and searching Systems Computer systems and us Transferring information Working Together Better working together Shared working	Mitzvah celebrations (J) Harvest (C) Rosh Hashanah (J) The Alban Pilgrimage (C) – design your own pilgrimage route The Alban Pilgrimage (C) – design your own pilgrimage route Visit to St. Albans cathedral	Netball To develop passing and moving to maintain possession. To use a variety of attacking skills to lose a defender. To move into and create space to support a teammate To move into and create space to support a teammate To use defending skills to gain possession. To develop accuracy in the shooting action under pressure. To use and apply skills, principles and tactics to a game situation.	Tag Rugby To select the appropriate skill, choosing when to run and when to pass. To move into space to support a teammate abiding by the rules. To use defending skills to gain possession. To work as a defending unit to prevent attackers from scoring. To use a variety of attacking skills to beat a defender. To apply rules, skills and tactics learnt to play in a tag rugby tournament.
2 (11/09)		Place Value	Stormbreaker (CLPE)		Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals Focus on a local area and observe life-cycle changes – ongoing over the year (trip to Panshanger Park) Observe and compare the life cycles of plants and animals in the local environment with other plants and animals around the world									
3 (18/09)		Place Value	Stormbreaker (CLPE)											
4 (25/09)		Addition and Subtraction	Stormbreaker (CLPE)											
5 (02/10)		Addition and Subtraction	Recount (diary)											
6 (09/10)		Multiplication and Division A	Recount (diary)	Mid-point curriculum assessment										
7 (16/10)		Multiplication and Division A	Recount (diary)	Mid-point curriculum assessment						Mid-point curriculum assessment				
Half Term (23 rd – 27 th October)														
1 (30/10)	How could we improve our local area?	Multiplication and Division A	Discussion – Should trees be cut down	Complete fieldwork and research to find out about the local area. Find out about the human and physical features of Hertford and its immediate. Land development must be sustainable	Properties and changes of materials compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets know that some				Learning carols for a concert at Carlton Court – 8 th December	Health and wellbeing:	Creating media - Video production	Baptism (C)	Dodgeball To throw under pressure and apply this to a target game. To select the appropriate dodging skill for the situation.	Gymnastics (Matt) To perform symmetrical and asymmetrical balances. To perform interesting symmetrical and asymmetrical
2 (06/11)		Fractions A	Discussion – Should trees be cut down											
3 (13/11)		Fractions A	Discussion – Should trees be cut down											
4 (20/11)		Fractions A	Discussion – Should trees be cut down											
5 (27/11)		Fractions A	Discussion –											

			Should trees be cut down	Developing a local area is very expensive	materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution						Importing and editing videos	to Earth to teach God's message (C)	To develop catching with increasing consistency under pressure.	I balances using apparatus.
6 (04/12)				People don't always agree about what they want in their area.	use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating						Video evaluation	The Ten Commandments (J&C)	To develop defensive techniques and select the appropriate action for the situation.	To develop the straight, forward, straddle and backward roll.
				The needs of residents, the environment, businesses and industry need to be balanced when an area is developed.	give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic							The Afterlife no special view on the afterlife (J) Christians will be judged when they die and go to heaven or hell. Catholics also believe in purgatory(C)	To develop the straight, forward, straddle and backwards roll into a sequence.	To develop the straight, forward, straddle and backwards roll.
					demonstrate that dissolving, mixing and changes of state are reversible changes							Baptism (C) – visit to the Baptist Church	To develop officiating skills and referee a game.	To explore different travelling actions using both canon and synchronisation.
7 (11/12)		NFER Autumn Assessments	Final curriculum assessment								Final curriculum assessment			To develop different methods of travelling, linking actions in both canon and synchronisation.
Christmas Holidays (20 th December – 3 rd January)														