



Medium Term Plan - Spring 1

Extreme Earth - Coasts



Goldcrest

	Key Skills Covered	Milestones Covered	Lesson Outline/ Continuous Provision Activities
History	A) Investigate and interpret the past This concept involves understanding that our understanding of the past comes from an interpretation of the available evidence.	 3.1. Use sources of evidence to deduce information about the past. 3.2. Select suitable sources of evidence, giving reasons for choices. 3.3. Use sources of information to form testable hypotheses about the past. 3.4. Seek out and analyse a wide range of evidence in order to justify claims about the past. 3.5. Show an awareness of the concept of propaganda and how historians must understand the social context of evidence studied. 3.6. Understand that no single source of evidence gives the full answer to questions about the past. 3.7. Refine lines of enquiry as appropriate. 	Week 3. To consider the effect of the Atlantic Ocean on Ireland, Cornwall, Devon and Dorset. Week 4. To look historically at Britain's changing coastline over decades and the impact on roads, rail, people and homes. Week 5. What is meant by the term Jurassic Coast and what evidence exists to prove the definition?
	B) Build an overview of world history This concept involves an appreciation of	3.3. Compare some of the times studied with those of the other areas of interest around the world.3.4. Describe the social, ethnic, cultural or religious diversity of past society.	

Ala a	2.5 Describe the above to date features of the west dealers of the	
the	3.5. Describe the characteristic features of the past, including ideas,	
characteristic	beliefs, attitudes and experiences of men, women and children.	
features of the		
past and an		
understanding that life is		
different for		
different		
sections. C) Understand	3.1. Describe the main changes in a period of history (using terms such as:	
chronology	social, religious, political, technological and cultural).	
This concept	social, religious, political, technological and cultural).	
involves an	2.2. Identify periods of rapid change in history and contrast them with	
understanding	3.2. Identify periods of rapid change in history and contrast them with times of relatively little change.	
of how to chart	times of relatively little change.	
the passing of	2.2. Understand the concents of continuity and change ever time	
time and how	3.3. Understand the concepts of continuity and change over time, representing them, along with evidence, on a time line.	
some aspects	representing them, along with evidence, on a time line.	
of history	3.4. Use dates and terms accurately in describing events.	
studied were	5.4. Ose dates and terms accurately in describing events.	
happening at		
similar times in		
differ		
D)	3.1. Use appropriate historical vocabulary to communicate, including:	
Communicate	, , , , , ,	
historically	• dates	
This concept	• time period	
involves using	• era	
historical	• chronology	
vocabulary and	• continuity	
techniques to	• change	
convey	• century	
information	• decade	

	about the past.	• legacy.	
		3.2. Use literacy, numeracy and computing skills to a exceptional standard in order to communicate information about the past.	
		3.3. Use original ways to present information and ideas.	
Geography	A) Investigate places This concept involves understanding the geographical location of places and their physical and human features.	 3.1 Collect and analyse statistics and other information in order to draw clear conclusions about locations. 3.2. Identify and describe how the physical features affect the human activity within a location. 3.3. Use a range of geographical resources to give detailed descriptions and opinions of the characteristic features of a location. 3.4. Use different types of fieldwork sampling (random and systematic) to observe, measure and record the human and physical features in the local area. Record the results in a range of ways. 3.5. Analyse and give views on the effectiveness of different geographical representations of a location (such as aerial images compared with maps and topological maps - as in London's Tube map). 3.6. Name and locate some of the countries and cities of the world and their identifying human and physical characteristics, including hills, mountains, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time. 	Week 1 - To name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time in the context of coastal features. Week 2 - What physical features and landscapes are found at the coast and how do humans use and impact upon this environment? Week 3 - To describe how a wave is formed, introduce the terms swash, backwash and 'fetch' and consider how waves a formed over long stretches of sea and how they are effected by wind strength. Consider where in the UK you might find strong waves vs. gentle waves. How does sediment move
	B)Investigate patterns This concept involves	3.3. Describe how locations around the world are changing and explain some of the reasons for change. 3.4. Describe geographical diversity across the world.	around the UK? I explain how longshore drift contributes to the movement of sediment around the UK. Week 4 - To identify the 4 main types of
	understanding	3.4. Describe geographical diversity across the world.	coastal erosion: hydraulic, attrition,

	the relationships between the physical features of places and the human activity within them, and the appreciation of how they impact each other C) Communicate geographically This concept involves understanding geographical representations	 3.5. Describe how countries and geographical regions are interconnected and interdependent. 3.1. Describe and understand key aspects of: human geography, including: settlements, land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals, and water supplies. 3.2. Use the eight points of a compass, four-figure grid references, symbols and a key (that uses standard Ordnance Survey symbols) to communicate knowledge of the United Kingdom and the world. 	abrasion and solution. Week 5 - To describe the location of the Jurassic Coast and the erosional processes that shape the coastline, to explain the formation of landforms found along the Jurassic coast and investigate why some areas are eroding more quickly than others. Week 6 - To discover the two different types of coastal engineering: hard and soft.
	representations , vocabulary and techniques.	knowledge of the United Kingdom and the world. 3.3. Create maps of locations identifying patterns (such as: land use, climate zones, population densities, height of land).	
Art	A) Develop ideas	A.3.1 Develop and imaginatively extend ideas from starting points throughout the curriculum. A.2.3 Collect information, sketches and resources and present ideas imaginatively in a sketch book. A.3.3 Use the qualities of materials to enhance ideas.	Week 1. Use a range of sketching skills to create black and white drawings of parts of the British coastline. Through these observation drawings can you list the coastal features drawn? Week 2. Use watercolours to create a coastal landscape. Follow instructions on the watercolour tutorial to learn new skills

B) Master	A.3.4 Spot the potential in unexpected results as work progresses. A.3.5 Comment on artworks with a fluent grasp of visual language. B.3.1 Sketch (lightly) before painting to combine	to get the best effects. Week 3. To learn the techniques that Marcus Sedgwick has used, creating wood engravings in the same style as the ones in the novel Floodland, looking at the work of illustrator and wood engraver John Lawrence to broaden experiences.
techniques	line and colour. B.3.2 Create a colour palette based upon colours observed in the natural or built world. B.3.3 Use the qualities of watercolour and acrylic paints to create visually interesting pieces. B.3.4 Combine colours, tones and tints to enhance the mood of a piece. B.3.5 Use brush techniques and the qualities of paint to create texture. B.3.6 Develop a personal style of painting, drawing upon ideas from other artists. B.3.7 Build up layers of colours. B.3.9 Create an accurate pattern, showing fine detail. B.3.10 Use a range of visual elements to reflect the purpose of the work. B.3.11 Show life-like qualities and real-life proportions or, if more abstract, provoke different interpretations. B.3.12 Use tools to carve and add shapes, texture and pattern. B.3.13 Combine visual and tactile qualities. B.3.14 Use frameworks (such as wire or moulds) to	Supporting resources can be found here: http://www.illustrationcupboard.com/artis t.aspx?ald=66 Week 4. Focus on the art work of William Blake and create a copy of your chosen work. Supporting resources can be found here: http://www.tate.org.uk/art/artists/william- blake-39. Week 5. Plan and start to gather resources to create a 3D model of a coastline Week 6. Create a 3D model of a coastline.

		provide stability and form.	
	C) Take inspiration from the greats	C.3.1 Give details (including own sketches) about the style of some notable artists, artisans and designers. C.3.2 • Show how the work of those studied was influential in both society and to other artists. C.3.3 • Create original pieces that show a range of influences and styles.	
Enrichment Opportunities	Visit to Osm	lington Bay in Dorset to learn new skills and discover the Jurassic coast, with a v	risit to Lulworth Cove included.

	Key Skills	Milestones Covered	Lesson Outline
Science	A) Work scientifically This concept involves learning the methodologies of the discipline of science.	 A.3.1. Plan enquiries, including recognising and controlling variables where necessary. A.3.2. Use appropriate techniques, apparatus, and materials during fieldwork and laboratory work. A.3.3.Take measurements, using a range of scientific equipment, with increasing accuracy and precision. A.3.4. Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and 	Week 1: To discover what we know about the human body and describe different systems that support life. Focus in on the circulatory as the study for this term. Week 2: To understand the importance of the circulatory system focusing on the heart's job and the effect of exercise on the heart's performance. Acknowledging that the heart is an

	C) Understand animals and humans This concept involves becoming familiar with different types of animals, humans and the life processes they share.	models. A.3.5. Report findings from enquiries, including oral and written explanations of results, explanations involving causal relationships, and conclusions. A.3.6. Present findings in written form, displays and other presentations. A.3.7. Use test results to make predictions to set up further comparative and fair tests. A.3.8. Use simple models to describe scientific ideas, identifying scientific evidence that has been used to support or refute ideas or arguments. C.3.1. Describe the changes as humans develop to old age. C.3.2. Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. C.3.3. Recognise the importance of diet, exercise, drugs and lifestyle on the way the human body functions. C.3.4. Describe the ways in which nutrients and water are transported within animals, including humans.	organ that needs exercise to keep it healthy. Week 3: How does the heart work and what is its role in the circulation of blood. What is blood made up from and what is the job of these various elements? Week 4: Discovering the famous scientists who have impacted thoughts on the heart and circulatory system: Dr Daniel Hale Williams. Week 5: Discovering the famous scientists who have impacted thoughts on the heart and circulatory system: Marie Maynard Daly. Week 6: The quest of 'Keeping our bodies healthy', looking at the benefits of exercise and diet. Week 7: The quest of 'Keeping our bodies healthy', creating a poster to encourage others to keep healthy advising what to do and what not to do.
RE	A) Understand beliefs and teachings	A.3.1. Explain how some teachings and beliefs are shared between religions.	How far is belief in the resurrection important to Christians today?
	This concept	A.3.2. Explain how religious beliefs shape the lives of individuals and	Week 1 – Acknowledging the
	involves	communities.	diversity of faiths and religious
	understanding		practice worldwide. Explain the
	the key		place of Salvation within the 'big

teachings of		story' of the Bible.
various		Week 2: What do pupils recall about the
religions.		Easter Story? Which part of the story do
B) Understand	B.3.1. Explain the practices and lifestyles involved in belonging to a	they think is the most significant part?
practices and	faith community.	And why? Examine evidence for the
lifestyles		resurrection. Can it be proved and how
This concept	B.3.2. Compare and contrast the lifestyles of different faith groups	do Christians respond to it? Explain the
involves	and give reasons why some within the same faith may adopt	difference between resurrection and
understanding	different lifestyles.	reincarnation. Plot on a continuum line
the day to day		between the two. Read the extracts
lives and	B.3.3. Show an understanding of the role of a spiritual leader.	from Luke chapter 24, find evidence
practices of		from all the readings and be ready to
various		discuss their findings. Look at artists
religions.		paintings of the eye witness accounts
C) Understand	C.3.1. Explain some of the different ways that individuals show their	described in the Bible.
how beliefs are	beliefs.	Week 4 – Share videos from REQuest
conveyed		with Christians sharing their views on
This concept		why the resurrection is important to
involves		them. Let the children discuss what
understanding		they have heard.
how books,		Week 5 – Give children an Easter
scriptures,		worship song, get them to read through
readings and		the lyrics and pick out aspects which
other important		point to the Easter story. Can they
means of		decide which songs would be sung on
communication		Good Friday and which ones on Easter
are used to		Sunday?
convey beliefs.		Week 6: What conclusions do Christians
D) Reflect	D.3.1. Recognise and express feelings about their own identities.	draw from their belief in the
This concept		resurrection? Focus on the 'I am'

	involves an appreciation of how religion plays an important role in the lives of some people. E) Understand values This concept involves an appreciation of how many people place values as an important aspect of their lives.	Relate these to religious beliefs or teachings. D.3.2. Explain their own ideas about the answers to ultimate questions. D.3.3.Explain why their own answers to ultimate questions may differ from those of others. E.3.1. Explain why different religious communities or individuals may have a different view of what is right and wrong. E.3.2. Show an awareness of morals and right and wrong beyond rules (i.e. wanting to act in a certain way despite rules). E.3.3. Express their own values and remain respectful of those with different values.	statements found in the book of John. Hold a debate to discuss 'Was Jesus divine?'
Computing	A) Code	A.3.1. Change the position of objects between screen layers (send to back, bring to front). A.3.2. Upload sounds from a file and edit them. Add effects such as fade in and out and control their implementation. A.3.3. Use a range of sensing tools (including proximity, user inputs, loudness and mouse position) to control events or actions.	Programming A – Variables in games Week 1 Introducing variables - Learners are introduced to variables. They see examples of real-world variables (score and time in a football match) before they explore them in a Scratch project. Learners then design and make their own project that includes variables. Finally, learners identify that
	B) Connect This concept involves developing an understanding of how to safely	B.3.1. Collaborate with others online on sites approved and moderated by teachers.B.3.2. Give examples of the risks of online communities and demonstrate	variables are named and that they can be letters (strings) as well as numbers. Week 2. Variables in programming - Learners understand that variables are

connect others.	with	knowledge of how to minimise risk and report problems.	used in programs, and that they can only hold a single value at a time. They complete
others.		B.3.3. Understand and demonstrate knowledge that it is illegal to	an unplugged task that demonstrates the
		download copyrighted material, including music or games, without	process of changing variables. Then,
		express written permission, from the copyright holder.	learners explore why it is important to name variables and apply their learning in a
		B.3.4. Understand the effect of online comments and show responsibility	Scratch project in which they make, name,
		and sensitivity when online.	and update variables.
		B.3.5. Understand how simple networks are set up and used.	Week 3. Improving a game - Learners apply the concept of variables to enhance an
•	municate	C.3.1. Choose the most suitable applications and devices for the purposes	existing game in Scratch. They predict the
This con involves	-	of communication.	outcome of changing the same change
apps to	•	C.3.2. Use many of the advanced features in order to create high quality,	score block in different parts of a program,
commur		professional or efficient communications.	then they test their predictions in Scratch. Learners also experiment with using
one's ide	eas.		 different values in variables, and with using
D) Colle	ect	D 3.1. Select appropriate applications to devise, construct and	a variable elsewhere in a program. Finally,
		manipulate data and present it in an effective and professional	they add comments to their project to
		manner.	explain how they have met the objectives of the lesson.
			of the lesson.
			Week 4. Designing a game - Learners work
			at the 'design' level of abstraction, where
			they create their artwork and algorithms.
			Learners first design the sprites and
			backgrounds for their project, then they
			1
			_
			·
			design their algorithms to create their program flow. Week 5 Design to code - Learners implement the algorithms that they created in Lesson 4. In doing this, they

			identify variables in an unfamiliar project and learn the importance of naming variables. They also have the opportunity to add another variable to enhance their project.
Music	A) Perform This concept involves	A.3.1. Sing or play from memory with confidence. A.3.2. Perform solos or as part of an ensemble.	Week 1. Listen and Appraise - A New Year Carol by Benjamin Britten. Play games and talk about the music.
	understanding	7.63.2.1 errorm solos or as part of an ensemble.	Week 2. Listen and Appraise - A New Year
	that music is created to be	A.3.3. Sing or play expressively and in tune.	Carol - Urban Gospel version. How is this version different from Britten's version?
	performed.	A.3.4. Hold a part within a round.	Week 3. Listen and Appraise - I Mun be Married on Sunday by Benjamin Britten.
		A.3.5. Sing a harmony part confidently and accurately.	Play games and learn to sing the song. Week 4. Listen and Appraise - I Mun Be
		A.3.6. Sustain a drone or a melodic ostinato to accompany singing.	Married On Sunday - Bhangra version. Play games and perform the song. Week 5.
		A.3.7. Perform with controlled breathing (voice) and skillful playing (instrument).	Listen and Appraise - Fishing Song by Benjamin Britten. Choose what you
	B) Compose This concept	B.1.1. Create a sequence of long and short sounds.	perform today. Start to prepare for the end-of-unit performance.
	involves appreciating that	B.1.2. Clap rhythms.	Listen and Appraise - Fishing Song - South African version. Research Benjamin Britten's life and music.
	music is created through a process which has a	B.1.3. Create a mixture of different sounds (long and short, loud and quiet, high and low).	Britten's life and music.
	number of techniques.	B.1.4. Choose sounds to create an effect.	
		B.1.5. Sequence sounds to create an overall effect.	
		B.1.6. Create short, musical patterns.	

		B.1.7. Create short, rhythmic phrases.	
	C) Describe music This concept involves	C.3.1. Choose from a wide range of musical vocabulary to accurately describe and appraise music including:	
	appreciating the features and effectiveness of	pitchdynamicstempo	
	musical elements.	timbretexturelyrics and melody	
		sense of occasionexpressivesolorounds	
French	A) Read fluently This concept	A.1.1. Read out loud everyday words and phrases.	Week 1. Pronounce some unfamiliar words using the phonic support.
	involves recognising	A.1.2. Use phonic (or logographic in Mandarin) knowledge to read words.	Listen and recognise the parts of the body. Join in with the song.
	key vocabulary	A.1.3. Read and understand short written phrases.	Week 2. Review the parts of the body. Review use of indefinite article. Review
	and phrases.	A.1.4. Read out loud familiar words and phrases.	knowledge of singular and plural nouns. Week 3. Review singular and plural of
		A.1.5. Use books or glossaries to find out the meanings of new words.	nouns.
	B) Write imaginatively	B.1.1. Write or copy everyday words correctly.	Review position of colour adjectives. Preparation for writing a description of a
	This concept involves	B.1.2. Label items and choose appropriate words to complete short sentences.	monster. Week 4. Review position of adjectives. Review agreement of adjectives in singular.
	using key vocabulary and phrases	B.1.3. Write one or two short sentences.	Name adjectives which go before and after the noun.

	to write ideas.	B.1.4. Write short phrases used in everyday conversations correctly.	Pronounce the adjectives petit, grand, gros, long in masculine and feminine form. Write a sentence using support with an
	C) Speak confidently This concept involves using key vocabulary and phrases to verbally communicate ideas.	C.1.1. Understand a range of spoken phrases. C.1.2. Understand standard language (sometimes asking for words or phrases to be repeated). C.1.3. Answer simple questions and give basic information. C.1.4. Give responses to questions about everyday events. C.1.5. Pronounce words showing a knowledge of sound (or pitch in	adjective of size, colour and noun. Week 5. Plural agreement of adjectives. Pronounce some unfamiliar words. State how nouns become plural. Read, identify and build sentences with adjectives which are singular, plural, masculine and feminine.
	D) Understand the culture of the countries in which the language is spoken	Mandarin) patterns. D.1.1. Identify countries and communities where the language is spoken. D.1.2. Demonstrate some knowledge and understanding of the customs and features of the countries or communities where the language is spoken.	
	This concept involves the background knowledge and cultural capital needed to infer meaning from interaction	D.1.3. Show awareness of the social conventions when speaking to someone.	
PE	A) Develop practical skills in order to	• C.3.1. Choose and combine techniques in game situations (running, throwing, catching, passing, jumping and kicking, etc.).	Weeks 1-6 1. Invasion Games - Netball Show coordination in some ball-

participate, compete and lead a healthy lifestyle

This concept involves learning a range of physical movements and sporting

- C.3.2. Work alone, or with team mates in order to gain points or possession.
- C.3.6. Choose the most appropriate tactics for a game.
- C.3.7. Uphold the spirit of fair play and respect in all competitive situations.
- C.3.9. Compose creative and imaginative dance sequences.
- C.3.10. Perform expressively and hold a precise and strong body posture.
- C.3.11. Perform and create complex sequences.
- C.3.12. Express an idea in original and imaginative ways.
- C.3.13. Plan to perform with high energy, slow grace or other themes and maintain this throughout a piece.
- C.3.14. Perform complex moves that combine strength and stamina gained through gymnastics activities (such as cartwheels or handstands).

- handling drills; explain some ways to improve coordination; play in a 4v4 game, scoring points in 1 of 3 goals.
- Practise marking the ball for a pass or a shot; umpire the 0.9m rule for a player marking the ball; play in a game utilising the marking the ball skill.
- Engage in attacking roles, implementing basic attacking positions; explain why it is important to stay active to help your goal shooter and goal attack; make choices on when to shoot and when to pass.
- Describe what a rebound is; attempt rebounds as both an attacker and defender in practices and competitive games.
- Practise attempting to intercept the ball; work hard to intercept a pass; explain why you caught the ball or why you knocked it away.
- Play in games staying onside; catch balls on the edge of the allowed area; play in competitive games as part of a team.

1. <u>Dance/Movement</u>

Compose creative and imaginative dance sequences.

Week 1: Perform expressively and hold a precise and strong body posture.
Week 2: Perform and create complex sequences.

PSHE	Keeping Safe	Have fun working hard.	Week 3: Express an idea in original and imaginative ways. Week 4: Plan to perform with high energy, slow grace or other themes and maintain this throughout a piece. Week 5: Perform complex moves that combine strength and stamina gained through gymnastics activities (such as cartwheels or handstands). Week 1. New Year's Resolutions,
		 Understand the benefits of effort and commitment. Continue to practise even when accomplished. Encourage others by pointing out how their efforts gain results. 	considering goals for life and how I can be the best me. Week 2. Recognise that bullying and discriminatory behaviour can result from disrespect of people's differences. Week 3 We have more in common than not. Know that all people are unique but that we have far more in common with each other than what is different about us. Week 4. Respecting differences, Demonstrate ways of showing respect to others, using verbal and non-verbal communication. Week 5. Tolerance and respect for others
		 Give full concentration. 'Tune out' most distractions. Understand techniques and methods that aid concentration. Develop expertise and deep interest in some things. 	
		 Show a determination to keep going, despite failures or setbacks. Reflect upon the reasons for failures and find ways to bounce back. Stick at an activity even in the most challenging of circumstances. See possibilities and opportunities even after a disappointment. 	
		 Show a determination to keep going, despite failures or setbacks. Reflect upon the reasons for failures and find ways to bounce back. Stick at an activity even in the most challenging of circumstances. See possibilities and opportunities even after a disappointment. 	

For English and maths plan see separate long-term plans.