Year Group: 5 Term: Summer

Opportunities to support English:

(Texts: Holes; The Highwayman)

- Narrative writing story endings
- Newspaper Report reported speech
- Race and Reads
- Cross curricular volcano writing

DT:

How can we promote mindfulness?

Create a wall-hanging using textiles and different stitching.

Science:

Rocks and Fossils.
What is the Earth made from?
A study of different types of rocks and soils and their properties.

Geography:

True or false – all volcanoes are the same?

Learn about the similarities and differences between different volcanoes and the affect they have on people.

Music:

How has music changed over time?

Study the history of music.

Why is music used in films?

Compose a soundtrack for a movie.

Super Starter

Natural History Museum stream for volcanoes

Volcanoes and Earthquakes!

What's under our feet?

Fantastic Finish

Production to parents

PE:

Why is physical activity so good for your health?

Develop bowling, striking and fielding skills to play a game of cricket.

How does warming up prevent injury in athletics?

Develop running, jumping and throwing skills

Computing:

How can I use Excel to organise data?

Create a working spreadsheet all about volcanoes.

How does the internet work?

Gain the understanding to create a labelled diagram to show how the internet works.

PSHE:

How can I communicate safely online?

Create your own top tips for staying safe online.

RE:

What makes a church sacred for Christians?

Study the different features of the church and how a sacred place can affect lives.

Spanish:

How do you say when your birthday is in Spanish?

Take part in a conversation about birthdays.

Who is Pablo Picasso and why is he so famous?

Produce art work in the style of Picasso.

Opportunities to support Maths:

Visits / Visitors

- Stem Day Visit Gazebo Garden
- Church / Synagogue / Temple visit
- Sustainability Centre

Extra Resources

The Highwayman Play by John Gleadall

Community Links

- Church Visit
- Invite visitors to share reflective space

Personal Development Opportunities

- Reflective spaces
- Debate

Homework Task Sheet

Year Group:	Term:	Due Dates for Project Homework:
5	Summer term	Deadlines for project homework is : Monday 22 May and Monday 17 July

Project Homework:

Year 5 Homework- Summer Term What's under our feet?

For the summer term we have created a range of different homework projects linked to our topic of volcanoes. We hope you and your child will enjoy completing these at home. We ask that your child attempts at least one task per half term although they can do more if they wish

Write an acrostic poem using the letters from the word 'VOLCANO'.

Design a volcano survival kit with diagrams, labels and an explanation of how it works.

Create an advice leaflet outlining what to do should a volcano erupt.

Create a graph to show the number of people killed by major volcanic eruptions around the world.

Draw a map showing the location of volcanic eruptions around the world.

Write an A-Z list of adjectives (or other words) you could use to describe a volcano.

Top Trump cards for volcanoes around the world.

Write 10 questions you would like to ask someone who witnessed a volcano erupt.

Weekly Homework:

Read five times a week, record in your reading diary and bring your diary in to school.

Practise all times tables and division facts to prepare for weekly tests.

Complete MY MATHS online homework

Complete spelling task or learn example words for testing.

Weekly guided reading homework.

Subject / Unit	Objectives	Skills / Knowledge Children at the expected	Suggested Learning Activities (Opportunities identified for PROJECT BASED LEARNING /
		standard can	OUTDOOR LEARNING / GROW IT VALUES / HEARTS VALUES)
COMPUTING 1	To design their own data	Make sensible choices for	Decide on the variables needed in Spreadsheet based on the work
	collection sheet for volcano	headings.	completed about volcanoes.
Data (Excel)	facts.		
(Volcano		Make decisions about how	Create data collection sheet and enter data, giving thought to how
Spreadsheets / Top Trumps)	INITIAL ASSESSMENT: Pupils create mind map of	data is presented.	the data can be grouped.
	Spreadsheets, remembering		Know which formulae to use to create spreadsheet model to keep
KEY QUESTION: How can I use Excel	associated vocabulary.		running totals.
to organise data about Volcanoes?	FINAL ASSESSMENT: Working spreadsheet for data collection.		Understand that changing numerical data effects a calculation
	,		WONDER / TEAMWORK
KEY VOCABULARY:			
Spreadsheet, cell,			
data, formula			
COMPUTING 2	To understand how the	Understand that people use	How the internet works
	internet works	lots of services provided by	http://www.code-it.co.uk/year5/networkofnetworksslides.pdf
How the Internet		companies and individuals that	
Works	INITIAL ASSESSMENT:	use	Ask Pupils to list what they and family members use the Internet for
	Pupils map out connections to	the Internet	Explain that in this lesson we are going to recreate how we and our
KEY QUESTION:	show how they think the		family and friends use the Internet
Can I explain how	internet works. This can be	Understand that these services	Explain how you connect to a web service.
the internet works?	done in a large area ie	are hosted on a computer or	For example start from a user device PC, IPad etc
	Playground	computers called Internet	Connecting through a router to find You Tube. Explain that this is
KEY VOCABULARY:		servers	simplified as this web service may be in another country and need
Routers, switch,	FINAL ASSESSMENT:		to be routed along lots of wires via lots of routers.
webservice, protocol	Pupils draw diagram to show	Understand that Internet	
	how the internet works with	servers are connected by a web	Demo how to create their Internet use using web connection
	labels.	of wires carrying information	Write in the names of the Internet services and connect them via
		called data	routers to their computing devices. Wires can be represented by
			lines and wireless connections by dashed lines. This is best done in
			a large space outside. OUTDOOR LEARNING
			Split pupils into groups of three.

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		Children at the expected	(Opportunities identified for PROJECT BASED LEARNING /
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		Understand that Routers help	Explain that each group is a family in a country.
		users find the right path to the	Give out a country sticker to each group. They now need to
		service they want to use	recreate their Internet use trying not to use all the same resources as everyone else.
		Understand that we	
		can trace where web sites are	Explain that the routers need to connect to each other so data can
		hosted (computer they live on)	be routed to the right service. Note where some services are located in the class so you can use these to demonstrate routing
		Understand that we can see	and connecting.
		how many routers the	
		information goes through to	Let pupils choose a country sticker from the sheet. Explain that
		get there.	households everywhere around the world use the same Internet.
		Understand that we	Lay the sheets out in rough geographical order on the floor and
		can see which country they are	gather the class around. Lay out string between all the countries
		hosted in.	and explain about fibre optic cables being laid across the sea bed or between regions and countries.
			Use your knowledge of their networks to explain how a user in one country might connect to a web service in another country. Explain how the system has redundancy built in as if a cable breaks data can often be routed another way.
			Explain that just as we use a common language to communicate in our country the Internet computers need a common language to communicate. This language is called TCP/IP IP stands for Internet protocol and TCP stands for Transmission Control Protocol. In our next lesson we will try and understand how this
			works. Explain that in this lesson we will trace the routes to some Internet
			services and find out where in the world they are. We can also find

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			out how many routers we had to go through to get to the web service/website.
			service/ website.
			Explain that our start point will not be in school as that is blocked but on the west coast of America.
			We can do this because every Internet connected device has a unique number called an Internet Protocol address. This unique number is bound/associated with a unique Internet address. So my internet address www.videohelp.co.uk has the current IP address 82.165.112.35 Tell children they are going to become web detectives. Hand out Trace Route sheets or use online version to record their detections. Show pupils where they can access the list of Internet services to trace.
			Demonstrate how to run a trace on yougetsignal
			More able can choose their own web addresses.
			http://www.yougetsignal.com/tools/visual-tracert/
			This one is based in the USA and has a map to show the route (Use host trace)
			Give pupils plenty of time to trace routes
			Full planning and resources here http://code-it.co.uk/year5/index
			http://code-it.co.uk/wp- content/uploads/2015/05/connectingtheinternet.pdf
			WONDER TEAMWORK

Subject / Unit	Objectives	Skills / Knowledge Children at the expected standard can	Suggested Learning Activities (Opportunities identified for PROJECT BASED LEARNING / OUTDOOR LEARNING / GROW IT VALUES / HEARTS VALUES)
		Standard Carr	Children safely use the Internet for research and follow lines of enquiry. Children understand the function of a search engine and the importance of using correct search criteria. See how the internet works folder http://prezi.com/v7mm9 wuxizf/network-of-networks-mark-2/?utm campaign=share&utm medium=copy
Textiles (Cushions / Wall Hangings) KEY QUESTION: How can we promote mindfulness? KEY VOCABULARY:	I can plan a sensory wall hanging considering purpose and audience. I can combine materials with different stitches. I can evaluate my finished product. INITIAL ASSESSMENT: Children discuss purpose of mindfulness/ wall hanging and begin to suggest design ideas.	Design – Begin to explain their choices when designing a product including reasons related to the design brief. Make – Choose from a range stitching techniques. Evaluate – Begin to evaluate their finished product using key questions.	Sensory/ Mindful Wall Hanging – Children to produce a product to facilitate mindfulness through a tactile medium. Design – Children to research ideas using 'Quiet Books' (easily available online for research) to create a variety of 'busy hands' activities including zips, buttons, poppers, ties etc. Start to generate ideas, considering the purposes for which they are designing. Confidently make labelled drawings from different views showing specific features. Develop a clear idea of what have to be done, planning how to use materials, equipment and processes. When planning, explain their choices of material and components including function and aesthetics. Use the project on a page planning to facilitate specific language/ vocabulary and processing.
	FINAL ASSESSMENT: Children create a wall hanging using running, back and blanket stitching.		Make – Children will attach different components and materials to create their mindful wall hanging. This will include buttons, zips, poppers, ties, removable aspects etc. Begin to measure and mark out more accurately. With confidence, pin, sew and stitch materials together to create a product. Sew using a range of stitches (back stitch, blanket stitch, running stitch etc) Evaluate – Children evaluate a product against the original design and by carrying out tests. Children begin to evaluate it personally

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design brief, purpose, audience, components, back stitch, running stitch, blanket stitch			and seek evaluation from others using key questions: Does my product fit the design brief? What worked well? Why? What would you change? Why? Which joining techniques were most useful? What new skills have you learnt? How could these skills be used for other activities/ tasks?
GEOGRAPHY	AIM: Children to improve	Use accurate knowledge of the location of each continent and	Where in the world is Asia and what is it like?
Volcanoes and	knowledge and understanding of the similarities and	ocean.	Objectives: 1, 2, 4, 5, 7 Resources: PPT 1, maps, globe, atlas, images, blank Asia map
Earthquakes	differences between volcanoes	occan.	Chn identify the continents and oceans bordering Asia.
Lartinguakes	to explain how they move and	Identify continents and oceans	Chn read maps to find out about Asia's environmental regions, key
KEY QUESTION:	affect people.	bordering Asia.	physical and human characteristics, countries, and major cities.
True or False - all		_	Chn describe the pattern to features they have identified using the
volcanoes are the	1. To locate the world's	Identify the human and	eight points of a compass.
same?	countries, using maps to focus	physical features of Asia and	
	on Asia, concentrating on their	describe the pattern across the	
KEY VOCABULARY:	environmental regions, key	continent using the eight	
tectonic plates,	physical and human	points of a compass.	
mantle, tsunami,	characteristics, countries, and		
richter scale,	major cities.	Use key locational and	Where in Asia is Indonesia and what is it like?
pyroclastic flow		positional vocabulary.	Objectives: 1, 2, 4, 5, 7
	2. To identify the position and significance of Equator,		Resources: PPT 2, maps, globe, atlas, images, blank Indonesia map

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		Children at the expected	(Opportunities identified for PROJECT BASED LEARNING /
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	Northern Hemisphere,	Identify the human and	Chn locate Indonesia using key vocabulary including its position
	Southern Hemisphere, Arctic	physical features of Indonesia	within Asia, bordering countries and oceans.
	and Antarctic Circle, latitude,	and describe the pattern across	Chn identify the time in Indonesia compared to the UK.
	longitude, Tropic of Cancer and	the country using the eight	Chn plot and plan a journey from the UK to Indonesia. (WONDER)
	Capricorn, Prime/Greenwich	points of a compass.	Chn read maps to find out about Indonesia's environmental regions,
	Meridian and time zones		key physical and human characteristics, countries, and major cities.
	(including day and night).		Chn describe the pattern to features they have identified using the
			eight points of a compass.
	3. To understand physical		
	geography, including	Locate and describe where the	Wow! What damage has been caused?
	volcanoes.	volcanic eruption happened.	Objectives: 2, 3, 4, 5, 7
			Resources: Atlas and maps to locate the volcano in Indonesia.
	4. To use maps, atlases, globes	Identify and evaluate the	YouTube, images, statistics, videos of the volcano
	and digital/computer mapping	impacts of the Anak Krakatoa	(Primary effects occur immediately as the volcano happens, e.g.
	to locate countries and	eruption.	lava flows, pyroclastic flow and Secondary effects are the
	describe features studied.		subsequent effects, e.g. communications destroyed, air traffic
			affected)
	5. To use the eight points of a		Chn predict answer to the key statement with yes or no and
	compass to build their		suggested reasons.
	knowledge of the wider world.		Chn describe the exact location of volcanoes using positional
			vocabulary including equator, southern hemisphere and compass
	6. To use six-figure grid		directions.
	references to build their		Chn identify and evaluate the primary and secondary impacts of the
	knowledge of the wider world.		eruption of the December 2018 eruption of Anak Krakatoa,
			Indonesia for people, the environment and economy (EMPATHY)
	7. To use symbols and key to		
	build their knowledge of the	Develop knowledge about the	What caused Anak Krakatoa to erupt?
	wider world.	global distribution of volcanoes	<u>Objectives:</u> 2, 3, 4, 5, 6, 7
		along plate boundaries.	Resources: Atlas, maps, globe - Draw a grid over an earthquake
	8. To use fieldwork to observe,		distribution map for chn to play location games using six figure grid
	measure, record and present	Confidently use compass	references to help identify specific earthquakes, use compass
	the human and physical	direction and begin to use six	directions to describe the location of specific volcanoes in relation
	features in the local area using	figure grid references.	to the UK. YouTube videos of plate boundaries.
	a range of methods, including		

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		Children at the expected standard can	(Opportunities identified for PROJECT BASED LEARNING / OUTDOOR LEARNING / GROW IT VALUES / HEARTS VALUES)
	sketch maps, plans and graphs & digital technologies. INITIAL ASSESSMENT: Free-hand map of world and locate continents, oceans and Indonesia FINAL ASSESSMENT: Evaluate using evidence: 'All volcanoes are the same'	Develop knowledge about the causes of the Anak Krakatoa eruption as well as Kilauea and Eyjafjallajökull.	[Anak Krakatoa - destructive boundary where two plates are moving together. One plate (oceanic) is subducted (pulled) under the other (continental) and the crust melts to form magma. This rises to the surface and usually erupts powerfully. Eyjafjallajökull – constructive boundary where two plates are moving apart, and magma moves up to fill the gap Kilauea – hot spot where a tectonic plate moves over an unusually hot part of the Earth's mantle and large amounts of magma rise up and pierce through the plate producing an eruption.] BBC Bitesize - https://www.bbc.com/bitesize/articles/zd9cxyc Chn update prediction and remove or add to their suggested reasons. Chn identify and describe the global distribution of volcanoes Chn learn and explain the causes of Anak Krakatoa eruption [WONDER]
		Describe the material that erupted from Anak Krakatoa and explain the causes and impacts of the tsunami. Identify and discuss the range of materials that can erupt from a volcano. Research the human and physical features of the area	Chn explore the causes of other volcanoes, i.e. Kilauea, Hawaii (hot spot) and Eyjafjallajökull, Iceland (constructive boundary) What caused the damage after Anak Krakatoa erupted? Objectives: 3, 4 Resources: YouTube, images, statistics, videos of the volcano. [Types of material: lava; pyroclastic flow; ash; volcanic bombs. The type of material will affect the impacts.] Chn update prediction and remove or add to their suggested reasons. Chn investigate the material that erupted from Anak Krakatoa. Chn explain how the tsunami happened and how this linked to the impacts. Chn investigate the other materials that can erupt from volcanoes. Can we recreate a volcanic eruption? (PBL) Objectives: 3, 4
		surrounding their chosen volcano.	Resources: Maps, images and YouTube, plasticine, post it notes, cocktail sticks, plastic bottles, coca cola, Mentos

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		Children at the expected	(Opportunities identified for PROJECT BASED LEARNING /
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			Chn to make an accurate volcano model of Anak Krakatoa.
		Make an accurate model of a	(WONDER) Eyjafjallajökull or Kilauea including human and physical
		volcano showing features on or	features in the surrounding area, e.g. sea, ocean, settlements,
		beneath the earth's surface.	mountains, roads or the plates and processes happening within the
			crust and mantle.
		Look at their volcano safe	Where in our school is the riskiest?
		school from a different	Objectives: 3, 8
		viewpoint.	Resources: Fieldwork – where in school is the riskiest? Chn design
			and carry out an environmental quality survey in 3-5 places around
		Observe, measure and record	school to find out where is the riskiest *see additional information
		the risks in a few areas to	Chn to use new specific vocabulary to talk about volcanoes.
		decide where is the riskiest.	Chn to think of the school as if it were in the shadow of a volcano,
			e.g. Vesuvius, Etna or Kilauea.
		Explain how to reduce the risks	Chn describe possible impacts by identifying specific risks on the
		around school.	school site (EMPATHY Chn suggest how the risks could be reduced. (TEAMWORK)
		Develop knowledge about	Can we predict and prepare for a volcano? (PBL)
		different methods for	Objectives: 3
		predicting and preparing for a	Resources: Decision making skills which could lead to a debate.
		volcanic eruption.	Chn update prediction and remove or add to their suggested reasons.
		Find out which methods were	Chn evaluate the methods to find out which are the most effective
		used in Indonesia.	at protecting people from an earthquake.
			Chn find out which methods were used in Indonesia.
		Decide which is the most	What can Indonesia do to prepare and protect people for future
		effective for their volcano.	eruptions? (PBL)
			Objectives: 3, 4
		Justify which methods they	Resources: Maps, Development statistics, e.g. literacy, average
		would implement and why.	earnings per person, size of family, population density
			Chn recap the methods for reducing the impacts of a volcano.

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		Children at the expected	(Opportunities identified for PROJECT BASED LEARNING /
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		Compare Indonesia to the USA	Chn decide which should be implemented in Indonesia to reduce
		and Iceland to identify	the impacts of another volcanic eruption based on what they have
		similarities and differences in a	learnt from the impacts of the December 2018 eruption.
		country's approach to reducing	Chn decide how this would be different to Kilauea or Eyjafjallajökull
		the impacts of a volcanic	due to different levels of wealth in the country.
		eruption.	
		Evaluate their answer to the	<u>True or False - All volcanoes are the same?</u>
		key question using evidence for	Objectives: 2, 3, 4, 5, 6, 7
		both sides of the argument	Resources: resources and evidence from previous lessons
		before making a final decision.	Chn give their final answer to the key statement.
			Chn select their best evidence to evaluate the key statement.
MUSIC (1)	To develop an understanding	Describe the main periods of	All resources can be found in S:\Music\Planning\Year 5
	of the history of music	music history	
Unit: History of			Look at the history of music timeline Ppt. To discuss key periods of
Music	To play and perform in solo	Listen and reflect on a piece of	time.
	and ensemble contexts, using	orchestral music	Focus in on Baroque period using BBC Ten Pieces – complete the
KEY QUESTION:	their voices and playing		Handel lesson plans focusing on Zadok the Priest (see Ppt in folder
How has music	musical instruments with	Invent their own musical motifs	with notes for teachers included). Lessons can be condensed.
changed over time?	increasing accuracy, fluency,	and structure them into a piece	https://www.bbc.co.uk/teach/ten-pieces/KS2-george-frideric-handel-
	control and expression.		<u>zadok-the-priest/znvrkmn</u>
KEY VOCABULARY:		Perform as an ensemble,	Listen and describe a piece of music
Baroque, Classical,	To improvise and compose	keeping in time with each	Watch the orchestral performance and discuss
composer, pulse,	music for a range of purposes	other	 Create movement inspired by the music
coda, cadenza,	using the inter-related		 Learn a rhythmic pattern
motif, structure.	dimensions of music.		Orchestrate a rhythmic pattern
			 Create lyrics and perform them to a pulse (thus creating a
	To listen with attention to		chant)
	detail and recall sounds with		 Create a melody for the chant, thus creating a song, and
	increasing aural memory.		sing it
			Use technical terminology
	INITIAL ASSESSMENT:		Create a one word coda
			Structure musical ideas to tell a narrative

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	Discussion – How do composers create a piece of music?		Perform in front of an audience
	FINAL ASSESSMENT: Performance of own compositions and evaluate structure.		Remind ch of history of music timeline and explain we are moving on to the classical period with one of the most famous composers of all time – Mozart and his Horn Concerto No. 4, Mvt 3 https://www.bbc.co.uk/teach/ten-pieces/KS2-wolfgang-amadeus-mozart-horn-concerto-no-4-3rd-movement/zmxtng8 • Listen and describe a piece of music • Watch the orchestral performance and discuss • Analyse the structure of Mozart's piece • Use Mozart's motifs to create a short piece of music • Create contrasting pieces of music • Structure sections of music to create a rondo • Create a cadenza • Create a cadenza • Create a coda • Perform in front of an audience WONDER – asking questions about music TEAMWORK – composing and performing together ORIGINALITY - composing
MUSIC (2)	To improvise and compose	Compose sound effects to	Follow lessons in Music Express Book 5 (Ages 9-10), At the Movies,
Unit: At the Movies	music for a range of purposes using the inter-related dimensions of music.	perform with a movie Identifying changes in tempo and their effects	pages 32-37. Whiteboard slides and audio files in StaffShare/ Music/ Planning/ Music Express.
KEY QUESTION: Why			Explain to children that they will be studying film music from the
is music used in	INITIAL ASSESSMENT:	Explore and understand phrase	20 th Century – relate back to music timeline.
films?	Ask the children to compose a	structure of a song melody.	
	soundtrack to the 1920s		Compare the use of music in animations from the 1920s and 1930s.
KEY VOCABULARY:	movies The Carpenter.	Use the musical dimensions to	Look at graphic representations of musical sound effects and listen
Phrase, structure,		create and perform music for a	to them being played. Create music for a storyboard cartoon
tempo, cue score.	FINAL ASSESSMENT:	movie.	sequence.
	Record children's final		
	composition and discuss how	Evaluate and refine compositions.	Prepare the groups for activity two – adding sounds played on instruments. Watch <i>Abstract Albert without sound</i> , asking the six

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	the effects were created using musical language.		groups to add sound effects for the six actions using body percussion and voices. Add vocal and body sound effects to the movie <i>Abstract Albert</i> Compose musical sound effects in Mickey Mousing style to perform with the <i>Abstract Albert</i> movie. Perform musical sound effects to accompany a silent animation
			Sing a song at different speeds and explore the phrase structure. Help the children to understand the <i>Action Mouse</i> song's phrase structure by dividing into four groups: W, X, Y and Z. Sing the song following the notation, with each group only singing their matching phrases. Explore changing tempo to reflect the action in a movie. Invent a melodic sequence to accompany a movie with three tempi. Listen to incidental music to notice how the music suggests the mood and the action. Make a note of the children's thoughts about the six pieces of incidental music for <i>Man in a tunnel</i> . Display these where the children can see, then listen to each piece again so that they can reflect on their own and other's ideas.
			Watch a movie and listen to musical clichés for different emotions. Study the musical cliché notation, then make up new music for each of the four scenes. Watch <i>Spacedust</i> and learn about hit points in animation. Learn about spotting and begin exploring musical ideas as a soundtrack to the animation <i>Spacedust</i> . Select instruments and compose musical ideas for <i>Spacedust</i> . Make audio recordings of the children's ideas so that they can listen, to help them evaluate the sound effects they have chosen. Continue creating music for each section of <i>Spacedust</i> . Make a large wall chart of the cue score and use this to rehearse the music without the movie, following a conductor if necessary. Finalise ideas and fill in the cue score for each section. Rehearse the cue scores to a second count, then perform the music with the animation.
			ORIGINALITY – composing / TEAMWORK – playing together

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PE (1)	To be able to apply different	Choose the best pace for a	In this unit, pupils are set challenges for distance and time that
	speeds over varying distances.	running event.	involve using different styles and combinations of running, jumping
Unit: Athletics			and throwing. As in all athletic activities, pupils think about how to
	To develop fluency and	Identify good athletic	achieve their greatest possible speed, height, distance or accuracy
(Mrs Pullen)	coordination when running for	performance and explain why	and learn how to persevere to achieve their personal best. They
	speed.	it is good.	learn how to improve by identifying areas of strength as well as
KEY QUESTION: How			areas to develop. Pupils are also given opportunities to lead when
can we focus on	To develop technique in relay	Perform a range of jumps	officiating as well as observe and provide feedback to others.
specific techniques	changeovers.	showing some technique.	OUTDOOR LEARNING
to improve our skill			
set?	To develop power, control and	Show control at take-off and	In this unit pupils learn the following athletic activities: running over
	consistency in jumping for	landing in jumping activities.	longer distances, sprinting, relay, long jump, triple jump, shot put
	distance.		and javelin.
		Take on the role of coach,	
	To develop technique and	official and timer when	<u>Key Skills</u>
	coordination in the triple jump.	working in a group.	Physical: Pacing
			Physical: Sprinting technique
	To develop throwing with force	Understand how stamina and	Physical: Relay changeovers
	for longer distances.	power help people to perform	Physical: Jumping for height and distance
		well in different athletic	Physical: Push and pull throwing for distance
	To develop throwing with	activities.	Social: Collaborating with others
	greater control and technique.		Social: Supporting others
		Use feedback to improve my	Emotional: Perseverance
	To develop officiating and	sprinting technique.	Emotional: Determination
	performing skills.		Thinking: Observing and providing feedback
		Persevere to achieve my	
		personal best.	Health and safety
		Show accuracy and power	In throwing activities, even where pupils are throwing soft athletic
		when throwing for distance.	equipment it is important to instil good practice for the future.
		when throwing for distance.	Ensure:
			pupils wait for instruction and check the area is clear before
			throwing
			• there is adequate space between throwers
			- there is adequate space between throwers

Subject / Unit	Objectives	Skills / Knowledge Children at the expected	Suggested Learning Activities (Opportunities identified for PROJECT BASED LEARNING /
		standard can	OUTDOOR LEARNING / GROW IT VALUES / HEARTS VALUES)
			In obstacle events ensure the following: • the obstacles can fall easily when hit • there is adequate space for returning runners • runners only hurdle the obstacles in one direction
PE (2)	To throw and catch with	Beginning to strike a ball with a	Pupils develop the quality and consistency of their fielding skills and
	accuracy under pressure.	rounders bat.	understanding of when to use them such as throwing underarm and
Unit: Rounders			overarm, catching and retrieving a ball. They learn how to play the
	To develop the bowling action	Developing a wider range of	different roles of bowler, backstop, fielder and batter and to apply
(Class teacher)	and understand the role of the	fielding skills and I am	tactics in these positions. In all games activities, pupils have to think
	bowler.	beginning to use these under	about how they use skills, strategies and tactics to outwit the
IKEY QUESTION:		some pressure.	opposition. Pupils work with a partner and group to organise and
What skills and	To develop batting technique.		self-manage their own games. Pupils play with honesty and fair play
tactics can you draw		Identify how different activities	when playing competitively.
on to work well as a	To make decisions about	can benefit my physical health.	OUTDOOR LEARNING
team?	where and when to send the	Identify when I was suggested	Kan Chilla
	ball to stump a batter out.	Identify when I was successful and what I need to do to	Key Skills Physical Through & catching
	To dovolon a variety of fielding		Physical: Throwing & catching
	To develop a variety of fielding techniques and when to use	improve.	Physical: Bowling Physical: Tracking, fielding & retrieving a ball
	them in a game.	Use feedback provided to	Physical: Batting
	them in a game.	improve my work.	Social: Organising & self-managing a game
	To develop long and short	improve my work.	Social: Respect
	barriers in fielding and	Work co-operatively with	Social: Supporting & encouraging others
	understand when to use them.	others to manage our game.	Social: Communicating ideas & reflecting with others
		ge and general	Emotional: Honesty & fair play
	To develop decision making	Understand the need for	Emotional: Confident to take risks
	and tactical awareness when	tactics and can identify when	Emotional: Managing emotion
	playing competitively.	to use them in different	Thinking: Decision making
		situations.	Thinking: Using tactics
	To apply the rules and skills		Thinking: Identifying how to improve
	you have learnt to play in a		Thinking: Selecting skills
	rounders tournament.		

Subject / Unit	Objectives	Skills / Knowledge	Suggested Learning Activities
		Children at the expected	(Opportunities identified for PROJECT BASED LEARNING /
		standard can	OUTDOOR LEARNING / GROW IT VALUES / HEARTS VALUES)
		Understand the rules of the	Health and Safety
		game and I can apply them	
		honestly most of the time.	Ensure backstops stand 2m behind the batter and that batters
			take their bat with them when they run. Ensure pupils always
		Understand there are different	have a safe distance between themselves and a batter.
		skills for different situations	
		and I am beginning to use this.	
PE (3)	(Taught by instructor at Havant		
	Leisure Centre)		
Unit: Swimming			
(Mrs Pullen)			
PSHE	To know that people can	Understand that online	E-Safety Jigsaw film
	pretend to be someone they're	communication can be	https://www.thinkuknow.co.uk/parents/Primary/Conversation-
Online Relationships	not online.	misinterpreted.	Starters/Go-to-the-movies/jigsaw/
KEY QUESTION: How	To know that the same	Accept that responsible and	Be SAFE. Be RESPECTFUL.
can I communicate	priciples of respect apply	respectful behaviour is	SCARF – Year 5 – Communication
safely online?	online as to face to face	necessary when interacting	Why it can be difficult to understand the meaning and intention of
	relationships.	with others online as well as	text and email messages. For example, when we are with people
KEY VOCABULARY:		face-to-face.	face-to-face we get clues about their feelings. Think about what
	To know the rules for stating		kind of clues we get from people during face-to-face discussions,
Relationship	safe online and know how to		[e.g. tone of voice, volume, facial expression, body language) that
Online	critically consider online		we lose online.
Safety	relationships.		
Data			SCARF – Year 5 – Is it true?
Respect	Consider sources of		If we look at something online, can we tell if it is true or not?
Responsibility	information and how data is		Emphasise that it's much harder to tell if something is true if we
	shared and used online.		don't have the person right in front of us.
			If we look at something written in a book, can we tell if it is true or
	INITIAL ASSESSMENT:		not?

Subject / Unit	Objectives	Skills / Knowledge	Suggested Learning Activities
		Children at the expected	(Opportunities identified for PROJECT BASED LEARNING /
		standard can	OUTDOOR LEARNING / GROW IT VALUES / HEARTS VALUES)
	Create a top-tips list for staying		Show the Facebook-style profile page - What do we think her life is
	safe online.		like? How do we know? Could it be different to what we think?
			When we look at a picture or a post online, can we tell whether the
	FINAL ASSESSMENT:		information it presents is an accurate record of the reality or not?
	Create a top-tips list for staying		Even if it's someone we know, it might not be what we think it is.
	safe online – the initial		People posting online choose how they want to present
	assessment could be edited, or		themselves. They often only present certain information (or
	a new, more detailed list		images), to make themselves look a particular way.
	created.		
RE	Communicate: To simply	Explain through drawing and	Children write or draw what they imagine by the concept. Discuss
	explain their personal response	writing their personal response	what is meant by sacred. Where and how could you worship? Do
Concept: Sacred	to the concept of sacred.	to the concept of sacred.	you have a special place in your life?
			WONDER
Unit title: places of	Apply: To simply explain the		
worship	feelings of themselves and	Simply explain the feelings of	Imagine and discuss a world where nothing and no one was allowed
	others.	themselves and others through	to be made sacred or worshipped in some way? Nothing was
KEY QUESTION:		discussion.	special and there were no special places. How might a Christian
What makes a			feel? How might you feel? WONDER
church sacred for	Enquire: To describe the main		
Christians?	features of the two churches	Know the main features of the	Children visit St Faith's Anglican and St Joseph's Catholic church.
	visited and be able to discuss	two churches visited and be	Direct children to churches features: font, pulpit, alter, icons,
KEY VOCABULARY :	features of the two churches,	able to discuss features of the	window, stations of the cross, statues. Be RESPECTFUL
font, pulpit, alter,	explaining what is sacred to	two churches, explaining what	
icons, window,	which denomination.	is sacred to which	
stations of the cross,		denomination.	
statues, Sacred	Contextualise: To explain the		
special	value of the most sacred parts	Explain the value of the most	During and after visit children consider which parts of church are
	of the churches to the various	sacred parts of the churches to	most sacred – discussion with vicar and priest. Produce a non-
	congregations.	the various congregations	chronological report about the features of the churches.
		through writing.	Be RESPECTFUL
	Evaluate: To explain how		
	sacred places can affect their	Explain how sacred places can	Can you make an ordinary place sacred? Can a place designed as a
	own and others' lives	affect their own and others'	'sacred' building sometimes not be sacred? A Christian group has

Subject / Unit	Objectives	Skills / Knowledge	Suggested Learning Activities
		Children at the expected	(Opportunities identified for PROJECT BASED LEARNING /
		standard can	OUTDOOR LEARNING / GROW IT VALUES / HEARTS VALUES)
		lives through discussion and	found out their sacred place must be pulled down to make way for
	INITIAL ASSESSMENT:	writing.	road. How would they feel? What if they were offered another
	Draw what you imagine by the		building but with no statues of the Virgin Mary and similar icons in a
	concept		Catholic church and no font and lectern in the Anglican church In
			groups of 4 or 5, pupils discuss their response to a notice of
	FINAL ASSESSMENT:		demolition from the council. One member of the group scribes.
	Discussion surrounding the		Reconvene and discuss ideas. Written responses. Be RESPECTFUL
	demolition of a sacred place		
SCIENCE	Substantive knowledge	Disciplinary knowledge	RETRIEVAL
	(Key vocabulary identified in	Instructed / Undertaken /	What is the role of the pupil in the eye?
Unit: Rocks and Soils	bold)	Revisited	
		(Working Scientifically)	Activity 1
KEY QUESTION:	To know that:		Present children with a selection of rocks, using hand lenses etc,
What is the Earth		Reporting and presenting	they can group them into sedimentary and igneous/metamorphic
made from?	A rock is a solid material made	findings from enquiries, in oral	based upon if they have grains/crystals/fossils/metals inside them.
	up of minerals forming part of	and written forms such as	Is there a way they could differentiate between the Igneous and
KEY VOCABULARY:	the surface of the	displays and other	metamorphic rocks based on their visual properties?
Rock, mineral, ores,	Earth (Activity 1)	presentations (Activity 1)	
grains, fossils,			(Purpose: to use substantive knowledge of rocks to classify them
sedimentary,	Rocks are exposed on the	Taking measurements, using a	into distinct groupings) GROWIT
limestone .	surface at cliffs, hills and	range of scientific equipment,	
,sandstone, crystals,	mountains but are also under	with increasing accuracy and	RETRIEVAL
igneous ,	the surface.	precision, taking repeat	Recalling names of some types of sedimentary rock- limestone,
metamorphic,	Some rocks, called ores contain	readings when appropriate	sandstone and mudstone
Granite, slate,	metals (Activity 1)	(Activity 2)	
porosity, hardness,	Causa washa ana washa af awaina	Departing and approaching	Activity 2
	Some rocks are made of grains	Reporting and presenting	Which rock type is the most porous?
	squashed together and can	findings from enquiries, in oral	Take a selection of Sedimentary, Igneous and metamorphic rocks.
	contain the remains of long-	and written forms such as	Children record the mass of the rocks and place them inside water for 30 minutes.
	dead organisms, called fossils .	displays and other	
	This type of rock is called	presentations (Activity 3)	Take the rocks out, then gently pat dry, then reweigh, and record down the new mass.
	sedimentary rock, an example would be limestone ,		down the new mass.
	would be illiestone,		

Subject / Unit	Objectives	Skills / Knowledge	Suggested Learning Activities
		Children at the expected	(Opportunities identified for PROJECT BASED LEARNING /
		standard can	OUTDOOR LEARNING / GROW IT VALUES / HEARTS VALUES)
	sandstone or mudstone	Taking measurements, using a	The change in mass is then calculated to see which rock is the most
	(Activity 1)	range of scientific equipment,	porous, questioning can then dig into why the rock might be more
		with increasing accuracy and	porous than others.
	Some rocks are made of	precision, taking repeat	(Purpose: to carry out accurate measurements of mass before and
	crystals that are locked tightly	readings when appropriate	after a change. Also taking into account the idea of error in the
	together. These are called	(Activity 4)	measurements) GROW IT
	igneous and metamorphic		
	rocks; an example of igneous	Planning different types of	RETRIEVAL
	rock is granite , and an example	scientific enquiries to answer	Recalling names of some type of igneous rock- granite.
	of metamorphic rock is slate	questions, including	
	(Activity 1)	recognising and controlling	Activity 3
		variables where necessary	Which type of cliff would be best for a cave dweller's cave?
	These three types of rocks all	(Activity 5)	Present the idea that a family of cave dwellers are looking at
	have different properties to		moving into a new cave. They have a choice of three. One cave
	each other, including porosity ,		made from granite, one made from chalk/limestone, and one made
	hardness, reaction to		from sandstone.
	chemicals (Activity 2)		Children are then given samples from each cliff and test their
	The consequence of the consel.		properties. They can test for porosity (as in the above activity),
	The properties of the rock		reaction with acid (lemon juice or vinegar is fine) and carry out a
	depend on how the rock was		hardness test by scratching the rock with a nail and seeing the
	formed, e.g. Some igneous rocks form from lava from		damage done. They can then conclude which cliff the cave dwellers
			should move into by presenting their findings to the class.
	volcanoes and cool very quickly		(Durnasse to gether information from an anguiry and present the
	leading to very small crystals (Activities 2 and 3)		(Purpose: to gather information from an enquiry and present the conclusions of that enquiry to an audience) GROWIT
	Crystals (Activities 2 and 3)		conclusions of that enquiry to an addience, anown
	Soil is made up of small		RETRIEVAL
	broken-down pieces of rock.		Key vocabulary- porosity. Check definition and understanding of
	Soil contains a range of		vocabulary in describing the state or quality of being porous (or full
	different size rock pieces, e.g.,		of tiny holes)
	sand grains or stones.		,,
	Soil also contains humus		Activity 4
	(rotted plant material)		Take some soil from the grounds of the school or source from
	,		elsewhere.

Subject / Unit	Objectives	Skills / Knowledge Children at the expected	Suggested Learning Activities (Opportunities identified for PROJECT BASED LEARNING /
	Soil made of very fine rock is called silt or clay. (Activities 4 and 5)	_	
			GROWIT

Subject / Unit	Objectives	Skills / Knowledge Children at the expected	Suggested Learning Activities (Opportunities identified for PROJECT BASED LEARNING /
		standard can	OUTDOOR LEARNING / GROW IT VALUES / HEARTS VALUES)
SPANISH (1)	To say when your birthday is	Ask a range of questions as	Ask at least 6 different children when their birthday is and record it.
	and ask a person when their	part of a conversation.	Repeat and learn the months of the year, remembering words from
Unit When is your	birthday is.		songs learnt. Use previous knowledge learnt to recall numbers for
birthday?	To vocamenco Suomich	Read, make sense of and	birth dates.
KEY QUESTION:	To rearrange Spanish sentences, including questions,	rearrange sentences for meaning.	GREATNESS, RESILENCE, INDEPENDENCE
Can you say when	to form a conversation.	meaning.	GREATNESS, RESILENCE, INDEPENDENCE
your birthday is and	to form a conversation.	Read aloud sentences.	TEAMWORK, BE EMPATHETIC, Be RESPECT
put it into a	INITIAL ASSESSMENT:	nead dioda semences.	TEATH ONLY BE ENTIATED BY REST EST
conversation?	Say when your birthday is.		
	Can you chant the months of		
KEY VOCABULARY:	the year?		
Cuando es tu			
cumpleanos?	FINAL ASSESSMENT:		
All the months of the	Understand when someone is		
year in Spanish and	asking for your birthday, to ask		
numbers to 31.	someone their birthday, and respond on at least 5 different		
	occasions, recording answers.		
	coodsions, recording union erail		
SPANISH (2)	To know who Pablo Picasso	Recognise features found in	Discuss the features of the artwork, say how it makes them feel,
	was and the style of art he is	the art movement known as	give their opinions on whether they like or do not like it.
Unit Picasso	most famous for?	cubism, features such as geometric shapes, bright	Reproduce their own art work in the style of Picasso.
KEY QUESTION:	To produce art work in the	colours, and lines.	GREATNESS, RESILIENCE, INDEPENDENCE
Who is Pablo Picasso	style of Pablo Picasso.		Be Ambitious, Be Respectful
and why is he so			
famous?	INITIAL ASSESSMENT:		
	Discuss what children already		
KEY VOCABULARY:	know about Pablo Picasso.		
Cubism,	What is their initial response to		
fragmentation	the art work.		
	FINAL ASSESSMENT:		

Subject / Unit	Objectives	Skills / Knowledge Children at the expected standard can	Suggested Learning Activities (Opportunities identified for PROJECT BASED LEARNING / OUTDOOR LEARNING / GROW IT VALUES / HEARTS VALUES)
	Produce art work in the cubist style of Picasso and know why they are using a fragmented technique to create impact.		

Other Ideas	