



Castercliff Primary Academy – Medium Term Plan.



Year Group: 3	Overarching Question: Why does the Earth rumble?	
Term: Sum 2	Topic Driver: Geography	
GEOGRAPHY – Volcanoes, Mountains and Earthquakes		
Science – Light and Astronomy	D&T – Mechanisms and Systems – Pneumatic Toys	
Computing – Creating Media – Video Trailers	Music – Traditional instruments and Improvisation	
RE - Hindu Dharma	MFL – Fruits & Vegetables, Picnics, Puzzles and Aliens	
	ENGAGE	Enrichment Earthquakes and volcanoes workshop
Class Novel	English	
Cosmic	Volcano Blast – Disaster strikes	Playscript Biography of a famous explorer



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Week: 1	Subsidiary question:
<p>Topic Driver knowledge & skills Geography- Mountains, Volcanoes and Earthquakes. LO: To know the structure of the Earth</p>	<p>Secondary Subject knowledge & skills Science - Light and Astronomy (shadows and reflective surfaces) LO: To recognise a light source and explain what darkness is</p> <p>Music- LO: to form an opinion of Indian music</p> <p>RE- LO: To identify our 'duties' as members of our families and the wider community</p> <p>Computing- LO: to plan a book trailer</p> <p>DT- To explore how pneumatic systems create movement within mechanisms</p>
<p>Vocabulary- Geography: crust, mantle, outer core, inner core, Earth, volcano, magma, tectonic plates. Vent, lava, chamber, conduit, eruption, dormant, valley, mountain, crevice, fold, landslide, mountain range, peak, plateau, ridge, summit, richter scale, seismic wave, tsunami, wave, magnitude, disaster, tremors, seismograph, Mercalli Scale, seismic wave.</p>	<p>Vocabulary- Science: Light source, See, Dark, Reflect, Surface, Natural, Star, Sun</p> <p>DT: input mechanical system mechanism output pneumatic system push</p>



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	<p>Computing: Application, camera angle, clip, cross dissolve, edit, fade to black, fade to white, film, editing software, graphics, import, music, photo, plan, recording, slide, sound effects, storyboard, timecode, trailer, transition, video, voice over, wipe.</p> <p>Music: Bollywood, drone, dynamics, notation, rag, sitar, tabla, tanpura, tala, tempo.</p> <p>RE: Hindu, Dharma, duties, responsibilities, relationships, family, role, community, Rama, Sita, Lakshman, Hanuman, devotion, festival, Raksha Bandhan, Ramayana, shrine, debts, authorities, inspiration</p>
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Week: 2	Subsidiary question:
<p>Topic Driver knowledge & skills Geography- Mountains, Volcanoes and Earthquakes. LO: To know how tectonic plates cause earthquakes</p>	<p>Secondary Subject knowledge & skills Science- Light and Astronomy (shadows and reflective surfaces) LO: To describe how the reflection of light allows us to see</p> <p>RE : LO: To consider how the concept of dharma relates to the story of Rama and Sita</p> <p>Music- LO: to be able to improvise using given notes</p> <p>Computing- LO: to take photos or videos that tell a story</p> <p>DT- To use different types of diagrams to summarise information</p>



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Vocabulary-

Geography: crust, mantle, outer core, inner core, Earth, volcano, magma, tectonic plates. Vent, lava, chamber, conduit, eruption, dormant, valley, mountain, crevice, fold, landslide, mountain range, peak, plateau, ridge, summit, richter scale, seismic wave, tsunami, wave, magnitude, disaster, tremors, seismograph, Mercalli Scale, seismic wave.

Vocabulary -

Light	See	Dark	Reflect
Surface	Natural	Star	Sun
Moon	Shadow	Blocked	Solid
Artificial	Torch	Candle	Lamp
Sunlight			

Music: Bollywood, drone, dynamics, notation, rag, sitar, tabla, tanpura, tala, tempo.

RE: Hindu, Dharma, duties, responsibilities, relationships, family, role, community, Rama, Sita, Lakshman, Hanuman, devotion, festival, Raksha Bandhan, Ramayana, shrine, debts, authorities, inspiration

Computing- Application, camera angle, clip, cross dissolve, edit, fade to black, fade to white, film, editing software, graphics, import, music, photo, plan, recording, slide, sound effects, storyboard, timecode, trailer, transition, video, voice over, wipe.

DT- cross-sectional diagram
diagram
exploded diagram
label
thumbnail sketch

Week: 3

Subsidiary question:

Topic Driver knowledge & skills

Geography- Mountains, Volcanoes and Earthquakes.

Secondary Subject knowledge & skills

Science- Light and Astronomy (shadows and reflective surfaces)



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LO: To investigate the impact earthquakes have on people

Recognise that light from the sun can be dangerous and there are ways to protect their eyes.

Music-

LO: to be able to improvise using given notes.

RE-

LO: To examine the Hindu celebration of Raksha Bandhan

Computing-

LO: to edit a video.

DT- To design a toy that uses a pneumatic system

Vocabulary-

Geography: crust, mantle, outer core, inner core, Earth, volcano, magma, tectonic plates. Vent, lava, chamber, conduit, eruption, dormant, valley, mountain, crevice, fold, landslide, mountain range, peak, plateau, ridge, summit, richter scale, seismic wave, tsunami, wave, magnitude, disaster, tremors, seismograph, Mercalli Scale, seismic wave.

Vocabulary

Light	See	Dark	Reflect
Surface	Natural	Star	Sun
Moon	Shadow	Blocked	Solid
Artificial	Torch	Candle	Lamp
Sunlight	Dangerous	Protect eyes	Light sources

Music: Bollywood, drone, dynamics, notation, rag, sitar, tabla, tanpura, tala, tempo.

Computing- Application, camera angle, clip, cross dissolve, edit, fade to black, fade to white, film, editing software, graphics, import, music, photo, plan, recording, slide, sound effects, storyboard, timecode, trailer, transition, video, voice over, wipe.



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	<p>RE: Hindu, Dharma, duties, responsibilities, relationships, family, role, community, Rama, Sita, Lakshman, Hanuman, devotion, festival, Raksha Bandhan, Ramayana, shrine, debts, authorities, inspiration</p> <p>DT- evaluate exploded diagram feedback idea blast pneumatic system sustainable thumbnail sketch</p>
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Week: 4	Subsidiary question:
<p>Topic Driver knowledge & skills Geography- Mountains, Volcanoes and Earthquakes. LO: To name and locate a number of the world's largest mountains and volcanoes</p>	<p>Secondary Subject knowledge & skills Science- Light and Astronomy (shadows and reflective surfaces) LO: To classify objects as opaque, translucent and transparent</p> <p>Music- LO: to create a piece of music using a drone, rag and tal.</p> <p>Computing- LO: to add text and transitions to a video.</p> <p>RE - LO: To examine how Hindus show their sense of duty at home</p> <p>DT- To create a pneumatic system for a moving toy.</p>
<p>Vocabulary-</p>	<p>Vocabulary Classify, materials, opaque, transparent, translucent, light</p>



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Geography: crust, mantle, outer core, inner core, Earth, volcano, magma, tectonic plates. Vent, lava, chamber, conduit, eruption, dormant, valley, mountain, crevice, fold, landslide, mountain range, peak, plateau, ridge, summit, richter scale, seismic wave, tsunami, wave, magnitude, disaster, tremors, seismograph, Mercalli Scale, seismic wave.

Music: Bollywood, drone, dynamics, notation, rag, sitar, tabla, tanpura, tala, tempo.

Computing- Application, camera angle, clip, cross dissolve, edit, fade to black, fade to white, film, editing software, graphics, import, music, photo, plan, recording, slide, sound effects, storyboard, timecode, trailer, transition, video, voice over, wipe.

RE: Hindu, Dharma, duties, responsibilities, relationships, family, role, community, Rama, Sita, Lakshman, Hanuman, devotion, festival, Raksha Bandhan, Ramayana, shrine, debts, authorities, inspiration

DT- housing linkage net pivot property reinforce stable sustainable

Week: 5

Subsidiary question:

Topic Driver knowledge & skills

Geography- Mountains, Volcanoes and Earthquakes.

LO: To know the parts of a volcano

Secondary Subject knowledge & skills

Science- Light and Astronomy (shadows and reflective surfaces)

LO: To describe and explain how a shadow is formed

Music:

LO: To perform a piece of music using musical notation.

Computing:

LO: To evaluate video editing.

RE- LO: To reflect on my own relationships and duties

DT- To test and finalise ideas against design criteria.



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Vocabulary-

Geography: crust, mantle, outer core, inner core, Earth, volcano, magma, tectonic plates. Vent, lava, chamber, conduit, eruption, dormant, valley, mountain, crevice, fold, landslide, mountain range, peak, plateau, ridge, summit, richter scale, seismic wave, tsunamis, wave, magnitude, disaster, tremors, seismograph, Mercalli Scale, seismic wave.

Vocabulary

Light, opaque, rays of light, blocks, dark, shadow, light, darkest, natural light, artificial light, position, light source, non transparent

Computing:

Application, camera angle, clip, cross dissolve, edit, fade to black, fade to white, film, editing software, graphics, import, music, photo, plan, recording, slide, sound effects, storyboard, timecode, trailer, transition, video, voice over, wipe.

RE: Hindu, Dharma, duties, responsibilities, relationships, family, role, community, Rama, Sita, Lakshman, Hanuman, devotion, festival, Raksha Bandhan, Ramayana, shrine, debts, authorities, inspiration

Music:

Bollywood, drone, dynamics, notation, rag, sitar, tabla, tanpura, tala, tempo.

DT- evaluate Reinforce housing linkage net pivot property reinforce stable Sustainable input mechanical system mechanism output pneumatic system push

Week: 6	Subsidiary question:	
Topic Driver knowledge & skills	Secondary Subject knowledge & skills	
Geography – Mountains, Volcanoes and Earthquakes	Science- Light and Astronomy (shadows and reflective surfaces)	



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LO: To investigate the impact volcanoes can have on people

Vocabulary-

Geography: crust, mantle, outer core, inner core, Earth, volcano, magma, tectonic plates. Vent, lava, chamber, conduit, eruption, dormant, valley, mountain, crevice, fold, landslide, mountain range, peak, plateau, ridge, summit, richter scale, seismic wave, tsunamis, wave, magnitude, disaster, tremors, seismograph, Mercalli Scale, seismic wave.

LO: To predict and describe how shadows change.

Vocabulary

Light, opaque, rays of light, blocks, dark, shadow, light, darkest, natural light, artificial light, position, light source, non-transparent, size, change, distance