




Castercliff Primary Academy – Medium Term Plan.



Year Group: 3	Overarching Question: Why are rivers important?	
Term: Spring 2	Topic Driver: Geography	
Geography – Water World – Water Cycle and Rivers		
Science – Plants – Measuring and Growth	Design and Technology - Structures	
Music – Pentatonic Melodies	RE – Christianity – Church – What do Christians mean by the Holy Spirit	
Computing – Systems and networks - Emailing	PE - Dodgeball	
Relate		
	Enrichment	
	Brockholes Nature Reserve – Plants and Rivers Workshop	
Class Novel	English	
How to Train Your Dragon	Grimm’s Fairy Tales - The Water of Life	Setting Description Chronological Report



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Week: 1

Subsidiary question: – Where are the largest rivers in the world found?

Geography – To know the names and locations of World rivers

- Know the name of, and locate, a number of the world's longest rivers (Nile, Amazon, Yangtze, Mississippi)
- Use a range of sources including digital maps, atlases, globes and satellite images to research and present geographical information

Music - To learn about the music used to celebrate the Chinese New Year festival

- appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians'

DT - To recognise how multiple shapes (2D and 3D) are combined to form a strong and stable structure.

- Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing].
- Select from and use a wide range of materials and components, including construction materials, textiles and ingredients according to their characteristics.

RE – To discuss what we can be proud of

- describe aspects of being human that we should be proud of
- discuss what it means to be a successful human – and the different measures of success that might be applied

Computing - To understand how we communicate with technology.

- I can discuss early methods of communication.
- I can identify which method of communication suits each purpose.
- I can explain what an email is.

Science- To understand



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Vocabulary- River, Earth, Globe, Continents, Africa, Asia, Europe, North America, South America, Oceania, Antarctica, Nile, Amazon, Yangtze, Mississippi, atlas, map

Music – Tempo, Timbre, Crescendo, Duration, Dynamics
DT- square, rectangle, circle, cube, oblong, sphere, castle, kings, queen, Strong, stiff.
RE – Success, Qualities, Talent, Skill, Celebrate, Proud
Computing – communicate, email, inbox, phone call, recipient, text, message, unplugged, video call

Week: 2

Subsidiary question: How does water change and move around the Earth?

Topic Driver knowledge & skills

Geography

LO: To explain the features of a water cycle

- Explain the features of a water cycle (Precipitation, Evaporation, Infiltration, Percolation, Transpiration, Surface Run Off, Groundwater)
- Communicate geographical information through a range of methods including the use of ICT

Secondary Subject knowledge & skills

Music - To play a pentatonic melody

- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- use and understand staff and other musical notations
- appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians'

RE – To know what is meant by the Holy Spirit and how it impacts Christians

- know what Christians mean by the Holy Spirit
- suggest how belief in the Holy Spirit as God's presence in the world might have an impact on individuals and communities
- identify Christian values exemplified in the gifts/fruits of the Spirit

DT – To design a castle

- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.



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	<p>Computing- To understand what emails are and how to send one</p> <ul style="list-style-type: none"> • I can log in and out of my email account • I can write an email to my teacher • I can recall that emails can be used to send information around the world. <p>Science- To set up our experiment, and draw and label a diagram of our flowering plant.</p> <ul style="list-style-type: none"> • I can set up my experiment testing the variable we chose • I can draw a diagram of the flowering plant • I can label my diagram accurately
<p>Vocabulary- Water Cycle, Weather, River, Precipitation, Evaporation, Infiltration, Percolation, Transpiration, Surface Run Off, Groundwater</p>	<p>Vocabulary - Music – Tempo, Timbre, Crescendo, Duration, Dynamics RE- Pentecost, Flame, Holy Spirit, Apostle, Christian, Community, Fruit of the Spirit DT- square, rectangle, circle, cube, oblong, sphere, castle, kings, queen, Strong, stiff. Computing – computer, domain, email, email address, log off, log on, password, responsible digital citizen, settings, subject bar, theme, username</p>

Week: 3	Subsidiary question: What is the journey of a river from beginning to end?
<p>Topic Driver knowledge & skills Geography LO: To know and label the main features of a river</p>	<p>Secondary Subject knowledge & skills Music - To write and perform a pentatonic melody</p>

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- Know and label the main features of a river (mouth, source, channel, tributary, meander, waterfall, stream, floodplain, bank, basin)
- Communicate geographical information through a range of methods including the use of ICT

- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- use and understand staff and other musical notations
- improvise and compose music for a range of purposes using the inter-related dimensions of music'

RE – To know how and why Pentecost is celebrated

- identify how beliefs about the Holy Spirit might influence forms of worship in a range of Christian denominations
- describe how and why Pentecost is celebrated
- describe why some Christians might take part in a procession of witness

DT - To construct 3D nets.

- Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.
- Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] accurately.
- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic.
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Computing- To know how to create an email with an attachment

- I can log in to my email account
- I can send an email with an attachment.

Science- To use a



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Vocabulary-

mouth, source, channel, tributary, meander, waterfall, stream, floodplain, bank, basin, river

Vocabulary

Music – Tempo, Timbre, Crescendo, Duration, Dynamics

DT- square, rectangle, circle, cube, oblong, sphere, castle, kings, queen, Strong, stiff.

RE – Communal Worship, Orthodox, Quaker, Pentecostal, Holy Spirit, Banner

Computing – attachment, content, copyright, document, email, emoji, font, icons, inbox, spam

Week: 4

Subsidiary question: Why do people choose to live beside rivers?

Topic Driver knowledge & skills

Geography

LO: To know the advantages and disadvantages of living by a river

- Know why most cities are located by a river (transport, resources, fertile land, defence)
- Express their opinions on environmental issues and recognise how people can affect the environment both positively and negatively.
- Ask and answer more searching geographical questions when investigating different places and environments.
- Identify similarities, differences and patterns when comparing places and features.

Secondary Subject knowledge & skills

Music - To perform a group composition

- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- use and understand staff and other musical notations'

RE – To discuss my own value and the value of others

- discuss their own sense of value and what is good/unique about being them
- reflect on the people that they value in their lives – and how they show their appreciation

DT – To create a final design of a castle

Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups

Computing- To understand the importance of being kind online

- I can use positive language within an email
- I can recognise when online behaviour is unkind

	<ul style="list-style-type: none"> I can be a responsible digital citizen
Vocabulary- transport, resources, fertile land, defence, flooding, erosion, trading, agriculture	Vocabulary Music – Tempo, Timbre, Crescendo, Duration, Dynamics RE – Qualities, Skills, Talents, Cultivate, Inspire, Value DT- square, rectangle, circle, cube, oblong, sphere, castle, kings, queen, Strong, stiff. Computing – Bcc, body language, Cc, emotions, negative language, positive language, tone of voice

Week: 5	Subsidiary question: How is the land around the River Nile being used today?
Topic Driver knowledge & skills Geography LO: To examine how land is used surrounding the River Nile in the modern day <ul style="list-style-type: none"> Know why most cities are located by a river (transport, resources, fertile land, defence) Ask and answer more searching geographical questions when investigating different places and environments. Identify similarities, differences and patterns when comparing places and features. Use a range of sources including digital maps, atlases, globes and satellite images to research and present geographical information. 	Secondary Subject knowledge & skills Music - To perform a piece of music as a group <ul style="list-style-type: none"> play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression use and understand staff and other musical notations DT - To construct and evaluate my final product. <ul style="list-style-type: none"> Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately. Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic. Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.



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	<p>Computing- To recognise when an email is not genuine</p> <ul style="list-style-type: none"> • I can recognise when an email might be fake • I can recall that I shouldn't click on links in an email unless I know what it is • I can identify what to do if I suspect an email is fake
<p>Vocabulary- transport, resources, fertile land, defence, flooding, erosion, trading, agriculture, satellite, maps</p>	<p>Vocabulary Music – Tempo, Timbre, Crescendo, Duration, Dynamics DT – 2D shapes, 3D shapes, square, rectangle, circle, cube, oblong, sphere, castle, kings, queen, Strong, stiff Computing – attachment, download, email, fake, genuine, hacker, install Link, mark it as spam, personal information, phishing, scammer</p>

Week: 6	Subsidiary question:
<p>Topic Driver knowledge & skills Geography LO: To present findings on land use around the River Nile</p> <ul style="list-style-type: none"> • Know why most cities are located by a river (transport, resources, fertile land, defence) • Ask and answer more searching geographical questions when investigating different places and environments. • Identify similarities, differences and patterns when comparing places and features. • Communicate geographical information through a range of methods including the use of ICT 	<p>Secondary Subject knowledge & skills DT - To construct and evaluate my final product.</p> <ul style="list-style-type: none"> • Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately. • Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic. • Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work. <p>Music - To perform a piece of music as a group</p> <ul style="list-style-type: none"> • play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression



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	<ul style="list-style-type: none">• use and understand staff and other musical notations
Vocabulary- transport, resources, fertile land, defence, flooding, erosion, trading, agriculture, satellite, maps	Vocabulary DT – 2D shapes, 3D shapes, square, rectangle, circle, cube, oblong, sphere, castle, kings, queen, Strong, stiff Music – Tempo, Timbre, Crescendo, Duration, Dynamics