



Topic Remote Education		
This Week's Topic Lessons		WC: 01/02/21
Day:	Subject:	Lesson:
Monday	Geography – to be able to draw a map.	<ul style="list-style-type: none"> What could be changed to improve our local area? Go on a walk around somewhere in our local area that you like (e.g. The helm, the river walk, the school grounds). What do you like about this place? What could be better for people or wildlife? Draw a map of your chosen area. Mark the different locations that you have thought about on your map. Label with captions to explain your ideas about things you like and things that could be improved.
Tuesday	PE Computing – to be able to	<ul style="list-style-type: none"> Complete Mr Harris's PE challenge. Without detailed instructions in the right order, a computer can't do exactly the right thing. It is the programmer's job to make sure that algorithms (sets of instructions) are clear and in the right order. Cut out the command block cards. You are going to use these to write an algorithm to build a simple Lego model. There are some blank cards so that you can create your own command cards in case you don't have enough or a particular command or you find that you need to write a new one that isn't already there. Choose 6 Lego bricks only. Make sure that your command block cards have the right colours. You might have to change the colours on the cards or make new ones to match your Lego brick colours. In secret, use these bricks to make a mini model linked to the story 'A House in the Woods' (e.g. a tree, a house, a van, a beaver etc.).



		<ul style="list-style-type: none"> • Use the command cards to write a clear algorithm (instructions) to tell someone else how to make exactly the same model. • Take a photo of your model so that you can check whether they have made exactly the same as you. • Give someone your algorithm and the same bricks that you used. Ask them to follow the commands in your algorithm to build a Lego model. • When they have finished, compare their model with the one that you made to begin with. Are they exactly the same? Do your instructions need debugging (fixing)? If so, can you see where they went wrong and change the commands to make the algorithm work correctly? Do you need to create any new commands to make your algorithm clearer and easy to follow? • Post a picture of your model and algorithm to Seesaw. Have fun!
Wednesday	Science – to be able to investigate material properties to test for usefulness	<ul style="list-style-type: none"> • In DT you have made a model house. Your challenge today is to investigate which material would be best for your model house roof if you want to keep everything inside dry? • What properties would you want for a roof? Make a list. Choose the 3 most important properties for your model house roof. • Find 4 different materials to test. Use the material that you actually used to make your model house as one of the materials. • Investigate which material is best for your model house. Test each material against the 3 important properties that you chose. Complete the investigation sheet to record your results. • Look at your test results. Which material do you think is the best for your model house roof? Can you explain how your results show this?



Wednesday	RE – to be able to reflect on what we have learned about belonging in Christianity	<ul style="list-style-type: none"> To complete our RE topic this half term I would like you to reflect on what we have learned about the meaning of 'Belonging' and the big question 'What does it mean to belong in Christianity?' Think about what it means to belong to a group. Is belonging a good thing? Do people have to belong to a group? Why do some people choose to belong to a group? How do Christians show that they belong? How do they welcome children to the Church family? What symbols would you see at a baptism and what do they mean to Christians? Your challenge is to create a poster to show what you have learned and your own thoughts and feelings about 'Belonging'. Your poster should have written sentences with your ideas and pictures to illustrate what you have written about. You have two weeks to complete your response to this task. If you need any large pieces of card for your poster, there is some available for free in the entrance area in Sainsbury's.
Thursday	<p>PSHE - To understand the difference between right and wrong.</p> <p>Music - Listen and Appraise Livin' La Vida Loca By Ricky Martin</p>	<p>CHOICES: Right and Wrong</p> <ul style="list-style-type: none"> Listen to the story "My Magical Choices" https://www.youtube.com/watch?v=OL7mia74Aco4 It is important to understand the differences between right and wrong. Rules and expectations control what most of us believe to be right and wrong. Look at the statements on the sheet and put each one under the headings 'Right' or 'Wrong' according to whether you think the statement shows a right or wrong action or statement. Using the link and password provided log on to Charanga Yumu using the Student Log-in (The middle one). Scroll Down to Year 1. Click on the green box named 'In the Groove'. Click Launch Step 3.



		<ul style="list-style-type: none"> • Listen and Appraise Livin' La Vida Loca By Ricky Martin. Answer the on-line questions. • Play Listen out Johnny B. Goode and select the instruments you think are correct. • Play Flexible game track - find the pulse • - move to the pulse.
Friday	<p>PE</p> <p>DT</p>	<ul style="list-style-type: none"> • Complete Mr Harris's PE challenge. • This week you are going to evaluate the model house that you constructed last week. Does your finished model meet the design brief, which was '<i>Design a house for the animals in this week's class book 'A House in the Woods'. It must stand up by itself.</i>' Does your model house do what it has to? Does it stand up by itself? • Had you planned to use the best materials for the job? Or did you have to change your plans when you built your model? • Did you have everything you needed to make your planned model house? The planned for materials and the equipment needed to construct the house? • Are you happy with how the materials have been fixed together? Was it difficult to do? Do you think there would be a better way of joining materials in your model? Why do you think this? • Are you happy with the final appearance of the model house? What do you like about it? Why? What could you improve? Why do you think this? • Complete the model house evaluation sheet and post a photo of your completed work on Seesaw.

Lego Model Algorithms

Start with	Stop building	Red block	Blue block
Yellow block	Green block	White block	1 spot
2 spot	4 spot	6 spot	8 spot
first row	second row	Third row	fourth row
Put	On top	next to	Repeat

Lego Model Algorithms

Investigating Materials

Which material is best to use as a roof to keep your model house dry?

Properties a roof must have:

- _____
- _____
- _____
- _____
- _____
- _____

To investigate the best material to use for your model house roof, write the 3 most important properties and the names of the 4 materials you are testing in the table below.

Keeping your tests as fair as possible, investigate whether each material possesses each property. Put a ✓ or ✗ to show what you found.

	Property 1	Property 2	Property 3
Material 1			
Material 2			
Material 3			
Material 4			

My test shows that the best material for a roof to keep my model house dry is _____ because

Evaluating my Design

The Design Brief: '*Design a house for the animals in this week's class book 'A House in the Woods'. It must stand up by itself.*

Photo of final product



Think about the questions in this week's Topic plan for DT and explain:

What went well

It would be even better if...
