

Science and the Wider Curriculum - Planning and Ideas



Week Commencing: 22nd February 2021

Year Groups: 1 / 2

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	Subject: Geography LC: Can you find a features of the local area on a map.	Subject: RE	Subject: PE	Subject: Design & Technology LC: Can you use a slider mechanism to make a picture move?	Subject: Science LC: Can you sort vertebrates and invertebrates?
You will need	Worksheet from the website or access to Seesaw.	Paper and pencils or pens to create a poster.	T shirt A pair of socks rolled up into a ball.	On SeeSaw – Video Clip – Book with moving parts Ebook – The Gingerbread Man story Gingerbread Man Slider Activity & Instruction Sheets A strip of card/lolly stick Pritt stick/Sellotape Scissors	Vertebrates powerpoint. Sorting activity – print from school website, or complete on Seesaw.
Lesson input	Warm up game: Introduce key vocabulary: Soil, vegetation, hill, forest, mountain, farm, factory, house, office. Children to write two words on a piece of paper. Teacher to show pictures of each feature and children to tick them if they have them. Winner is first to see both features.	Teacher to recap learning from last half term. What made Jesus special? Think carefully about his special birth, his teachings, his miracles. Think back to the last lesson on Lent. Why do Christians celebrate Lent? What happens? Why? Summarise learning from previous unit to allow	Join the Live teams lesson on the Year Group channels. 1pm Year 1 2pm Year 2	Introduce this term's topic – we will be learning how to use mechanisms to make pictures with moving parts. Share video clip of a book with moving parts to introduce different kinds of mechanisms and key vocabulary (slider, lever, mechanism, pivot, push, pull, up, down, right, left) Explain – today we are going to learn how to make a	Briefly recap prior learning about types of animals – mammals, birds etc. -Introduce new words – vertebrate and invertebrate and discuss their meaning. -Discuss examples of different animals which fall into these categories. Key vocabulary: Vertebrate Invertebrate

	<p>Main Introduce Digimaps and show children key features eg: How to find Spennymoor, how to Zoom in and out, OS map and Arial view, how to use the key. Explain that today we are looking at key features of Spennymoor on the map. Explain it is being shown from above and point out what the different features look like.</p>	children to link this to the events of Holy Week.		<p>slider mechanism to turn part of a story into a moving picture. Share The Gingerbread Man Story ebook. Model how to use the Gingerbread man slider Activity Sheets to make a slider. Emphasise key vocabulary – mechanism, slider and model importance of accurate measuring and careful cutting.</p>	Exoskeleton Mammals, Birds, Amphibians, Fish, Insects, Reptiles.
Activity	<p>Children to find key features on their map. Use Seesaw activity or worksheet on website. Challenge: log onto Digimaps to find other features of Spennymoor.</p>	Create a poster with thought bubbles to show why Jesus was special to Christians.		<p>Make a moving picture with a slider following the instructions carefully. Take a video of your work and post it on SeeSaw.</p>	<p>Cut and sort the different animal pictures into vertebrates and invertebrates, then explain what each means. Vertebrate means _____ Invertebrate means _____</p>

Where can I complete further work?

[Twinkl](#) – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, powerpoints and interactive games to support all areas of learning.

[Classroom Secrets](#) – Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.

[BBC Bitesize Primary](#) – Free learning resources available for KS1 and KS2 across all subjects.