

Explanation of the processes that support plant growth.

Graph analysis.

Data presented in the form of graphs and charts..

Written conclusion to complete stage 1-9 of scientific investigation.

Greate a magazine article to inform Year 7 students about building positive friendships.

How does the writer use language to show that schools for working class boys in the 19th century placed more emphasis on brutal physical punishment rather than on any academic learning?

Write a series of diary entries in the style of Adrian Mole.



# throughout the theme. More specifically

- •
- •
- •

# :

Discuss the highlights of a holiday, journey or memorable experience and writing down the key points as a diary entry. Include what happened, your opinions and how you felt.

Observe the changes in a slice of bread over a period of a few days. Discuss why the bread has green bits on it after a few days

Grow some flowers/plants/vegetables together

Students could use these ideas to explore different features of the theme.

These ideas can be used alongside the lessons in order to discover career pathways associated with key elements of learning from this theme.

https://nationalcareers.service.gov.uk/job-profiles/biologist

https://nationalcareers.service.gov.uk/job-profiles/paediatrician

This section offers a selection of virtual trips which support knowledge of key areas and attractions from the lessons

Eden Project Rainforest Biome tour

A Virtual Tour of Reading Hospital: Neurology

### The Science of Puberty

This article supports students with understanding what happens to their brains during puberty.

### The Story of Growing Up Painting

This artwork represents the transition between childhood and adolescence.

# All About Periods

Join Beth, Katja-Anja, and newcomer  $\exists$ sa as they sort fact from fiction when they talk all about periods.

Biology	Outline the process of photosynthesis.	Using Scientific Ideas	Distant with a rise
	Label the structure of a plant.		Photosynthesis: The reactants in, and products of, photosynthesis, and a word summary for photosynthesis.
	Describe the process of pollination and dispersal.		
Biology	Investigate the impact of yeast on decomposing	Planning Scientific Enquiries	Working scientifically: Experimental skills and investigations
	food. Plan a simple investigation		Aerobic and anaerobic respiration in living organisms, including the breakdown of organic molecules to enable all the other chemical processes necessary for life.
	that tests the effect of yeast on food.		
			The differences between aerobic and anaerobic respiration in terms of the reactants, the products for 3 18 Tf1 00 82 205 Tm 0g 0C (te)-:
	Write a suitable hypothesis for this investigation.		

		conclusions that may lead to further investigation.	
Computing	Identify and describe the components of a spreadsheet.  Use simple formulas in a spreadsheet.  Oreate and interpret graphs and diagrams for simple data.	Analysing Information Using ICT (Excel)	The national curriculum for computing aims to ensure that all pupils: are responsible, competent, confident and creative users of information and communication technology.

English  Assess point of view in a text, focusing on the narrative voice.  Identify writing techniques.  Writing voice (character voice).  Produce clear and coherent writing in which the development, organisation, and style are appropriate to task, purpose, and audience (Voice).	Plan, draft, edit and proof-read through: amending the vocabulary, grammar and structure of your writing to improve its coherence and overall effectiveness
---	---