



Spring 1 Science Planning Overview CLC MAT- 2024



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Science Topic	Materials (part 2)	Materials (part 2)	Rocks	Animals and Plants	Humans (use v1)	Light
C.S.S Title (v2)	Properties and uses of Materials	Changing Materials	Rocks, Soils and Fossils	Classification of Plants and Animals	Human Growth	What Light Does
Week 1	Can the same object be made from the same material?	How Can I Change the Shape of an Object?	How are rocks different and what rock is this?	How Are Living Things Classified?	What is a life cycle?	How does light travel?
Week 2	What properties do materials have? (over 2 lessons)	What Properties Allow A Material to be Changed?	What are rocks used for?	How are vertebrates classified?	What do we know about the lifecycle of mammals?	What can we change about a shadow?
Week 3	What properties do materials have? (over 2 lessons)	Which Material Is Fit For Purpose?	How are soils different?	How are invertebrates classified?	What do we know about the lifecycle of amphibians?	What might affect the size of a shadow?
Week 4	Does it bend or stretch?	What Can Pushes and Pulls Do?	Which soils hold water?	Can you use a branching key?	What do we know about the lifecycle of insects?	What affects the size of a shadow?
Week 5	Do all materials get wet?	(no fifth or sixth lesson the CCSS v3 portal for this unit)	What is this fossil?	What is this living thing?	What do we know about the lifecycle of birds?	How is light reflected?
Week 6	(no sixth lesson the CCSS v3 portal for this unit)		Who was Mary Anning and how did she become a palaeontologist?	(no sixth lesson the CCSS v3 portal for this unit)	Why do animals make incredible journeys as part of their life cycle?	How Do We See Objects?

Prior to lesson 1:

1. Complete diagnostic test and upload data on EXCEL on-going record
2. go through knowledge organiser.

Each lesson to include:

1. date- Enquiry Question and Vocabulary for the lesson (instead of Learning Objective)
2. prior knowledge task including an Explorify activity.
3. tier 1, 2, 3 vocabulary (in place of an LO) which is to be highlighted by pupils at the end of the lesson to evidence its usage.
4. clear and accurate adherence to the lesson plan for all content which can be adapted to cater for the differing educational needs within the class.

Post final lesson of unit:

1. go through all gap tasks to ensure they have been completed and all work is marked in line with Feedback and Marking Policy
2. complete end of unit assessment and upload data on EXCEL on-going record

Year 5: for this unit, please use the resources (adapted) from version 1 as the new content as presented in v2 is covered by the school nurse (Puberty).