



Year 4 Science Overview for Full Academic Year

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science Topic	Humans	Electricity	Animals and Plants	Sound	States of Matter	Habitats
C.S.S Title (v2)	Digestion and Food Chains	Electricity: Circuits	Classification of Plants and Animals	Sound	Changes of State	Human Impact On The Environment
Week 1	Where Does All the Food We Eat Go?	What makes An Appliance Work?	How Are Living Things Classified?	How Are Sounds Made?	Is This Material a Liquid or A Solid?	What Is The Impact of Litter In Our School?
Week 2	What Teeth Do Humans Have?	Can You Light The Bulb?	How are vertebrates classified?	How Do Sounds Reach Our Ears?	How Is Temperature Measured?	How Do Materials Change Over Time?
Week 3	What Do Teeth Do In The Digestive System?	What Does A Switch Do?	How are invertebrates classified?	How Can We Change the Volume of Sound?	What Difference Does Temperature Make To How Quickly The Ice Blocks Melt?	How Do Microplastics Get Into The Food Chain?
Week 4	What Happens to Food After We Put It In Our Mouths?	Why Doesn't The Circuit Work?	Can you use a branching key?	How Does the Volume of a Sound Change As We Move Away from The Source	What Are Melting and Freezing?	How Can We Prevent Microplastics From Getting Into Our Food Chain?
Week 5	What Do Animals Eat?	Which Materials Conduct Electricity?	What is this living thing?	How Can We Change The Pitch of a Sound?	Are Spaces Really Empty?	How Can We Clean Up Birds Affected By An Oil Spill?
Week 6	What Do Animal Teeth Tell Us?	(no sixth lesson on the C.H.E v2 portal for this unit)	(no sixth lesson on the CHE v2 portal for this unit)	What Affects the Pitch of a Plucked Note?	What is Evaporation and How Does it Help to Get Things Dry?	(no sixth lesson on the CHE v2 portal for this unit)

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 instead 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