



# KS2 Autumn 1 Science Planning Overview

	YEAR 4	YEAR 5	YEAR 6
Science Topic	<b>Humans- Ingestion, Digestion and Diet</b> Children to go through knowledge organiser Diagnostic Testing at Start of lesson 1	<b>Materials</b> Children to go through knowledge organiser Diagnostic Testing at Start of lesson 1	<b>Humans and Animals- circulatory system/ health</b> Children to go through knowledge organiser Diagnostic Testing at Start of lesson 1
C.S.S Title	"Where Does All That Food Go?"	"Everyday Materials"	"Body Pump / Body Health"
Lesson 1	What Sort of Teeth Do We Have? Why? How to Care for teeth. Combine key aspects of lessons 3, 4 and 5.	Which materials are used in our school building, what for and why?	What Does My Circulatory System Do? What do the roads around our bodies look like? What Do Valves And Blood Vessels Do?
Lesson 2	How Good Is Toothpaste?	Weighty Problem: Which is the best carrier bag?	What is a heart and what does it do?
Lesson 3	Can We Make Good Toothpaste?	Which is the best type of plate to use?	What is Blood? What Does it Do?
Lesson 3	Recap on year 3 learning on food groups	Cool box conundrum: can the same container keep cold things cold and hot things hot?	What Happens to Water In Our Bodies?
Lesson 4	How is Food Broken Down?	Mystery material: what will happen if we add water to the material?	What Does Being Healthy Mean? What makes a healthy snack or drink?
Lesson 5	What Do Animals Eat?	Nappy Ending: Which is the best brand of nappy?	What Are the Benefits of Sports and Exercise? How Is Pulse rate affected by exercise? How Do Athletes Keep Fit? What happens when athletes cheat?
Lesson 6	What Do Animal Teeth Tell Us?	Spencer Silver and sticky notes: what's the stickiest glue?	How does smoking affect the body? How do drugs affect the body over time?
Assessment week	Gap Tasks all up to date revision end of topic assessment Analysis of results	Gap Tasks all up to date revision end of topic assessment Analysis of results	Gap Tasks all up to date revision end of topic assessment Analysis of results

Key: C.S.S- Collins Snap Science (Scheme)

XXXXXX? -Indicates 'Enrichment Lesson' which is a hands-on investigative lesson