



Worstead CEVA Primary School – Long-Term Science Plan (KS1 and KS2)



Planning Structure

As we have mixed-age classes at Worstead, we operate a rolling program of units/topics in foundation subjects to ensure that all children cover all areas, regardless of their path through the school. Where units are revisited, this is intentional to embed learning, working as 'spaced retrieval' in line with our pedagogy.

The nature of the rolling programme depends on pupil numbers & class structures. At present, it's as follows:

Robins class (EYFS) – following the EYFS framework and 'understanding the world' every year. See EYFS planning for more detail.

Swifts class (Key Stage 1 - yr 1 and 2) – a two-year rolling programme, following a simple AB format. For Swifts class, year A was 2024/25, year B is 2025/26 and 2026/27 will be year A again.

Hérons class (years 3 and 4) – a two-year rolling programme, following a simple AB format. For Herons class, year A was 2024/25, year B is 2025/26 and 2026/27 will be year A again.

Kestrels class (year 5 and 6) – a two-year rolling programme, following a simple AB format. For Kestrels class, year A was 2024/25, year B is 2025/26 and 2026/27 will be year A again.

In line with our policy intentions on inclusion and support for all, where curriculum resources are primarily aimed at one year group, they will be adapted to suit the age and stage of the children in the class, regardless of their year group. In the event that our class structures change, this Long-Term Plan will be updated.

Substantive Concepts				
Biology		Chemistry		Physics
		Autumn Term	Spring Term	Summer Term
Swifts Class Yr 1/2	A	Seasonal Changes	Materials: properties & uses	Topic revisits
		Animals inc. humans: comparing classes (e.g. mammal)	Plants: names, survival & growth	
	B	Animals inc. humans: basic needs & healthy living	Materials: properties & uses	Topic revisits
		Living Things & Habitats: dead/alive/never alive		
Hérons Class Yr 3/4	A	Rocks	Forces & Magnets	Plants: survival and life cycles
		Animals inc. humans: skeleton & healthy living		Light
	B	Living things & habitats: classification keys	Animals inc. humans: digestive system	Electricity
		States of Matter		Sound
Kestrels Class Yr 5/6	A	Materials: properties & changes	Forces	Living things & habitats: Life cycles
		Animals inc. humans: human changes to old age	Earth in space	
	B	Animals inc. humans: circulatory system & water transportation	Electricity	Living Things & habitats: classification
			Light	Evolution & Inheritance

To find more detail on the content of each topic, see the Science Progression Map on our website, and the knowledge organisers for each topic which will be on class pages when the class is studying that topic.