

Draft KS1 Science overview cycle a

Prior Learning in EYFS - ELG: The Natural World

Children at the expected level of development will:

- Explore the natural world around them, making observations and drawing pictures of animals and plants;
- Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class;
- Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

EYFS Aspiration - 'I can grow and eat my own food'

Caterpillars and Tadpoles are often observed in all classes during spring and summer -animal lifecycles link

Pushes and Pulls – taught throughout the year incidentally in PE/other subjects/playtime/P2L time

- Objects can move (be in **Motion**) in various ways-roll, slide and bounce
 - The **pushing** or **pulling** of an object can affect its motion.
- Pushing or pulling can do three things, **slow down**, **speed up** or **change the direction** of an object.
 - The larger the push/pull the bigger the effect on motion
 - Pushing and pulling objects can change their shape.

Y1		Y2	
Autumn Term	Number of lessons (actual)	Autumn Term	Number of lessons(actual)
Naming and grouping animals	7	New Life	4
Human Body parts	4	Introduction to food chains	3
Seasonal changes-aut	1	Healthy Me	3
Total lessons	12	Total lessons	10
Spring Term	Number of lessons	Spring Term	Number of lessons
Everyday materials	9	Uses of materials	5 (+2 Y1)
Seasonal changes – winter /spring	2		
Total lessons	11	Total lessons	7
Summer Term	Number of lessons	Summer term	Number of lessons
Identifying plants and their basic parts	6	Growing plants	8
Seasonal changes - summer	1	Living things and where they live	7
Total lessons	7		15
Final Total lessons	30		33

Draft KS1 Science overview cycle b

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Y1		Y2	
Autumn Term	Number of lessons (actual)	Autumn Term	Number of lessons(actual)
Everyday materials	4	Uses of materials	4
(taught in Outdoor learning) Seasonal changes-aut			
Total lessons	4	Total lessons	4
Spring Term	Number of lessons	Spring Term	Number of lessons
Naming and grouping animals	6	New Life	2
Human Body parts	3	Introduction to food chains	3
(taught in Outdoor learning) Seasonal changes – winter /spring		Healthy Me	3
Total lessons	9	Total lessons	8
Summer Term	Number of lessons	Summer term	Number of lessons
Identifying plants and their basic parts	6	Growing plants	4
(taught in Outdoor learning) Seasonal changes -summer		Living things and where they live	6
Total lessons	7		10
Final Total lessons	26		28