



# WORLINGHAM CEVC PRIMARY SCHOOL

## SCIENCE LONG TERM PLAN



	TERM	EYFS	KS1	LKS2	UKS2
YEAR A	Autumn	About me and my environment  Celebrations	<b>Materials</b> Properties; Comparing and grouping	<b>Rocks, Fossils and Soils</b>  <b>States of Matter</b> Comparing and grouping; changes of state; The water cycle	<b>Light</b> How light travels; Shadows; How we see; refraction <b>Electricity</b> Voltage; drawing circuits
	Spring	Changing seasons  Wonderful world of books	<b>Living things and their Habitats</b> Exploring habitats; Dead, alive, never alive; Simple Food Chains	<b>Magnets</b> Magnetic/non-magnetic; Poles; Metals <b>Forces</b> Pushes and Pulls; Friction	<b>Evolution and Inheritance</b> Variation and adaptation
	Summer	Helpful heroes  Our wonderful world	<b>Plants</b> Parts of plants; Basic needs; Grouping plants	<b>Light</b> The Sun; Shadows; Sun safety; Opaque, transparent, translucent <b>Sound</b> Vibration; Volume; Pitch	<b>Animals Including Humans</b> Human life cycles; Changes with old age <b>Living things and their Habitats</b> Life cycles; reproduction
YEAR B	Autumn	About me and my environment  Celebrations	<b>Animals</b> Comparing and grouping; Offspring; Needs for survival	<b>Electricity</b> Appliances; Conductors and insulators; Series circuits	<b>Properties and changes of Materials</b> Compare and group; Uses; Dissolving, Separation
	Spring	Changing seasons  Wonderful world of books	<b>Weather and Changing Seasons</b>	<b>Animals Including Humans</b> The skeleton; nutrition and diet; The digestive system <b>Living things and their Habitats</b> Classification; Food Chains; Habitats; Human impact	<b>Animals Including Humans</b> The circulatory system; Diet; Exercise; Drugs <b>Living things and their Habitats</b> Grouping and classifying
	Summer	Helpful heroes  Our wonderful world	<b>Humans</b> Parts of the body and Senses Exercise, hygiene, food and teeth	<b>Plants</b> Parts; Needs for Survival; Water Transportation; Life cycle	<b>Earth and Space</b>  <b>Forces</b> Gravity; air resistance; water resistance; levers/pulleys

Belonging, Courage, Curiosity, Kindness, Perseverance, Respect

**Growing Minds, Kind Hearts, Rooted in Love**

‘Rooted and Grounded in Love’ (Ephesians 3:16)