

Ingleton C of E Primary School

Science Long Term Plan



		Autumn		Spring		Summer	
		Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
<u>Willow Class</u> <u>Key Stage 1</u> Year 1 & 2	Cycle 1 2023- 2024	Animals Including Humans <u>Units</u> 1.8 Zoology 1.9 Animal Diets 2.2 Animal Survival	Living Things & their Habitats <u>Units</u> 2.13 Animal Food Working Scientifically / Scientific Enquiry	Everyday Materials <u>Units</u> 1.4 An intro into Materials 1.5 Testing Materials 2.8 Ship Building	Animals Including Humans <u>Units</u> 2.3 Food 2.4 Exercise 2.5 Hygiene	Plants <u>Units</u> 1.10 Planting 1.14 Identifying Plants 1.15 Planting review	Seasonal Change <u>Units</u> 1.1 The Seasons 1.2 Day Length
	Cycle 2 2024- 2025	Animals Including Humans <u>Units</u> 1.11 The Human body and taste 1.12 Eyesight and Hearing 1.13 Touch and Smell	Seasonal Change <u>Units</u> 1.1 Seasons review 1.3 Weather around the World 1.7 Weather Review	Everyday Materials Working Scientifically / Scientific Enquiry <u>Units</u> 1.6 Properties of Materials 2.6 Changing Materials 2.7 Material Strength	Animals Including Humans <u>Units</u> Revise 1.9 Animal Diets 2.1 Animal Growth 2.13 Animal Food	Plants <u>Units</u> 1.15 Planting Review 2.10 Planting 2.14 Plant Growth	Living Things & their Habitats <u>Units</u> 2.11 Dead or Alive 2.12 Habitats and Adaption
<u>Chestnut Class</u> <u>Lower Key Stage 2</u> Year 3 & Year 4	Cycle 1 2023- 2024	Animals Including Humans <u>Units</u> 3.1 Nutrition 3.2 Skeletons 3.3 Muscles	Sound <u>Units</u> 4.13 Introduction 4.14 How Sound Travels 4.15 Sound and Pitch 4.16 Sound and Volume 4.17 Sound and Distance	Rocks <u>Units</u> 3.4 Introduction 3.5 Sedimentary and Metamorphic 3.6 Igneous and Minerals	Rocks <u>Units</u> 3.7 Fossils 3.8 Soils	States of Matter <u>Units</u> 4.6 Solids 4.7 Liquids 4.8 Gases	States of Matter <u>Units</u> 4.9 Changes of State 4.10 The Water cycle
	Cycle 2 2024- 2025	Animals Including Humans <u>Units</u> 4.1 The Digestive System 4.2 Teeth 4.3 Food chains	Living Things & their Habitats <u>Units</u> 4.11 Classification 4.12 Extinction	Light <u>Units</u> 3.11 Darkness, Sunlight and Reflection 3.12 Shadows	Plants <u>Units</u> 3.13 Roots 3.14 Leaves 3.15 Stems 3.16 Flowers 3.17/18 Plant Growth	Electricity <u>Units</u> 4.4 Circuits 4.5 Electrical conductors	Forces & Magnets <u>Units</u> 3.9 Friction 3.10 Magnetism

<u>Oak Class</u> <u>Upper Key Stage 2</u> Year 5 & Year 6	Cycle 1 2023-2024	Properties of Materials <u>Units</u> 5.6 Burning 5.7 Acid and Bicarb of Soda 5.8 Dissolving mixtures and changes of state 5.9 Separation by filtration and sieving	Properties of Materials <u>Units</u> 5.10 Separation by evaporation 5.11 Hardness 5.12 Transparency and Magnetism 5.13 Thermal and electrical conductivity	Living Things & their Habitats <u>Units</u> 6.7 Microorganisms 6.8 Classification	Electricity and Sustainability <u>Units</u> 6.12 Global warming 6.13 Renewable energy 6.14 Solar energy	Forces & Magnets <u>Units</u> 5.1 Gravity 5.2 Friction 5.3 Air resistance 5.4 Water resistance	Forces & Magnets <u>Units</u> 5.5 Levers and pulleys 6.15/6.16 Rocket Science
	Cycle 2 2024-2025	Living Things & their Habitats <u>Units</u> 5.16 The Human Life Cycle 5.17 Animal Life Cycles and Reproduction 5.18 Plant Reproduction	Earth & Space <u>Units</u> 5.14 The Solar System 5.15 The Earth and the Moon	Evolution <u>Units</u> 6.9 Adaptation 6.10 Inheritance 6.11 Evolution	Light <u>Units</u> 6.6 How Light Travels	Animals Including Humans <u>Units</u> 6.1 The Heart and the Circulatory System 6.2 Diet 6.3 Exercise, Drugs and Lifestyle 6.4 The Transport of Water and Nutrients	Electricity and Sustainability <u>Units</u> 6.5 Circuits