

Gainford C of E Primary School

Science Long Term Plan



		Autumn		Spring		Summer	
		Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
Swale Class Key Stage 1 Year 1 & 2	Cycle 1 2024- 2025	Animals Including Humans Units 1.8 Zoology 1.9 Animal Diets 2.2 Animal Survival	Living Things & their Habitats Units 2.13 Animal Food Working Scientifically / Scientific Enquiry	Everyday Materials Units 1.4 An intro into Materials 1.5 Testing Materials 2.8 Ship Building	Animals Including Humans Units 2.3 Food 2.4 Exercise 2.5 Hygiene	Plants Units 1.10 Planting 1.14 Identifying Plants 1.15 Planting review	Seasonal Change Units 1.1 The Seasons 1.2 Day Length
	Cycle 2 2025- 2026	Animals Including Humans Units 1.11 The Human body and taste 1.12 Eyesight and Hearing 1.13 Touch and Smell	Seasonal Change Units 1.1 Seasons review 1.3 Weather around the World 1.7 Weather Review	Everyday Materials Working Scientifically / Scientific Enquiry Units 1.6 Properties of Materials 2.6 Changing Materials 2.7 Material Strength	Animals Including Humans Units Revise 1.9 Animal Diets 2.1 Animal Growth 2.13 Animal Food	Plants Units 1.15 Planting Review 2.10 Planting 2.14 Plant Growth	Living Things & their Habitats Units 2.11 Dead or Alive 2.12 Habitats and Adaption
Wear Class Lower Key Stage 2 Year 3 & Year 4	Cycle 1 2024- 2025	Animals Including Humans Units 3.1 Nutrition 3.2 Skeletons 3.3 Muscles	Sound Units 4.13 Introduction 4.14 How Sound Travels 4.15 Sound and Pitch 4.16 Sound and Volume 4.17 Sound and Distance	Rocks Units 3.4 Introduction 3.5 Sedimentary and Metamorphic 3.6 Igneous and Minerals	Rocks Units 3.7 Fossils 3.8 Soils	States of Matter Units 4.6 Solids 4.7 Liquids 4.8 Gases	States of Matter Units 4.9 Changes of State 4.10 The Water cycle
	Cycle 2 2025- 2026	Animals Including Humans Units 4.1 The Digestive System 4.2 Teeth 4.3 Food chains	Living Things & their Habitats Units 4.11 Classification 4.12 Extinction	Light Units 3.11 Darkness, Sunlight and Reflection 3.12 Shadows	Plants Units 3.13 Roots 3.14 Leaves 3.15 Stems 3.16 Flowers 3.17/18 Plant Growth	Electricity Units 4.4 Circuits 4.5 Electrical conductors	Forces & Magnets Units 3.9 Friction 3.10 Magnetism

Tees Class Upper Key Stage 2 Year 5 & Year 6	Cycle 1 2024- 2025	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 2025- 2026	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 th#e 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