

Emmanuel Holcombe CE Primary School

Whole School Science Vocabulary Spine

Science	Autumn	Spring	Summer
Acorn Year A	Throughout the year		Science Hot Cold Answer Test Weather Snow
Acorn Year B	Experiment Fair Find out Explain Reason Change	Night Day Seasons Sun Rain Question	
Willow Year A	<u>Toys: Everyday Materials</u> Materials Properties Compare Man made Plastic wood	<u>Plants</u> Wild plant Garden plant Deciduous Evergreen Roots Stem Leaves Flowers Petals Bulb Fruit seed	<u>Our Planet: Animals Including Humans</u> Carnivore mammals herbivore reptiles amphibians omnivore
Willow Year B	<u>Living things and Their Habitats</u> Life Process Food Source Depend Food Chain Habitat Survive	<u>Animals Inc Humans</u> Survival Nutrition Young Off spring adults	<u>Our Local Area: Plants</u> Germination Shoot Seed Dispersal Temperature Nutrition Classify <u>Uses of everyday materials</u> Suitability Opaque Transparent Absorbent Materials
Beech Year A	<u>Rocks and Soils</u> Igneous rock Sedimentary rock Metamorphic rock Permeable Impermeable Fossil organic matter Grains Crystals <u>Sound</u> Vibration Pitch Volume Insulation	<u>Animals, including Humans</u> <u>Skeletons</u> Skeleton Muscles <u>Teeth</u> Molar Pre-molar Incisor Canine Saliva <u>Digestion</u> Oesophagus Intestine Stomach Small intestine Large intestine	<u>Living Things and Their Habitats</u> Adaptation Classification Mammal Reptile Classification Amphibians Vertebrae Invertebrate
Beech Year B	<u>Forces and Magnets</u> Magnetic materials Forces Poles Friction Attract Repel	<u>Light</u> Reflection Opaque Transparent Translucent Reflect Properties Sources Shadow	<u>Nutrition</u> Diet Carbohydrates Protein Fibre Fats Sugar Drugs

	<u>Electricity</u> Insulator Conductor Cell Switch Circuit	<u>States of Matter</u> Solid Liquid Gas Melt Condense Boil Freeze Thermometer Evaporation	<u>Plants</u> Seed Dispersal Nutrients Growth Pollination Seed Formation Dispersal Fertiliser
Oak Year A	<u>Living Things and Their Habitats</u> life cycles life processes reproduction mammals amphibians reptile pollination fertilisation photosynthesis variable species <u>Forces and Magnets</u> gravity air resistance water resistance friction levers pulleys gears springs Magnetism	<u>Earth and Space</u> Orbit Rotation Solar system Spherical bodies Satellite Axis Rotate Astronomer <u>Materials and their Properties</u> Particles Soluble Insoluble Vapour Electrical Conductivity Thermal Conductivity Transparency Variables Substance Reversible and irreversible change Reactions	<u>Animals including Humans</u> Life cycle Gestation Reproduce Foetus womb adolescence puberty hormones development life expectancy
Oak Year B	<u>Animals, Including Humans</u> Circulatory system Blood vessels Oxygenated Platelet Plasma Arteries Veins Capillaries Red blood cells White blood cells Transportation Nutrients Lifestyle <u>Electricity</u> Amps Voltage Electrons Current Components Diagram Renewable and non-renewable energy sources	<u>Light</u> Incident ray Reflected ray Law of reflection Angle of incidence Angle of reflection Refraction Iris Pupil lens <u>Living Things and Their Habitats</u> Classification Microorganism Organisms Invertebrates Vertebrates	<u>Evolution</u> Evolution Natural selection Survival of the fittest Adaptation Variation Inherit Offspring Identical Inhabited fossils