



OJS Key Vocabulary for Science

Science is using enquiry to explain the physical and natural world.



Oatlands Infant School

<u>This is me!</u>	<u>Toy story</u>	<u>Fur, feathers and fins and What a wonderful world</u>	<u>How does your garden grow? And Come on England!</u>
Hear See Smell Touch Taste Hygiene Germs	Fabric Property Hard Soft Shiny Dull Rough Smooth Bendy Rigid Stretchy Stiff Waterproof Absorbent Transparent	Fish Birds Mammals Reptiles Amphibians Cold blooded Warm blooded Carnivores Herbivores Omnivores Prey Predator	Deciduous Evergreen Oak Ash Birch Apple tree Blossom Jungle Desert Lake Pond

Year 3

<u>The power of forces</u>	<u>Rock Detectives</u>	<u>Amazing bodies</u>	<u>Can you see me?</u>	<u>How does your garden grow?</u>
Push Pull Twist Gravity Friction Newton Attract Repel Magnetic Non-magnetic	Mineral Metamorphic Igneous Sedimentary Crystalline Permeable Durable Ammonite Fossilise Fossil	Balanced diet Fruit and vegetables Carbohydrates Protein Fibre Fat Dairy Ball and socket joint Hinge joint Gliding joint	Light Dark Shadow Opaque Transparent Translucent Luminous Non-luminous Absorb Reflect Refract Spectrum	Stigma Stamen Style Anther Filament Ovary Ovule Sepal Carpel Seed dispersal Germination Pollination



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Year 4

<u>Where does all that food go?</u>	<u>Human impact</u>	<u>In a state</u>	<u>Good vibrations</u>	<u>Switched on</u>
Oesophagus Small intestine Large intestine Rectum Anus Digestion Canine Incisor Premolar Molar Consumer	Conservation Deforestation Biodiversity Habitat Local Global	Solid Liquid Gas Viscous Melt Freeze Boiling point Water cycle Evaporate Condense	Volume Low pitch High pitch Vibration Vibrate	Mains Battery Circuit Cell Complete circuit Short circuit Conductor Insulator Terminal Electron Filament

Year 5

<u>Circle of life</u>	<u>Feel the force</u>	<u>The Earth and beyond</u>	<u>All change!</u>
Life cycle Marsupial Nocturnal Thorax Abdomen Antennae Metamorphosis Pupa Cocoon Evolution Migrate	Balanced Unbalanced Air resistance Water resistance Upthrust Lever Fulcrum Pivot Pulley Newton meter	Greenwich Meridian Milky Way Solar system Orbit Axis Full moon New moon Crescent Waning Waxing Equinox	Soluble Insoluble Dissolve Reversible Non-reversible Oxidise Saturated Filter Suspension Elasticity Ductile Flammable



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Year 6

<u>The nature library</u>	<u>Light up your world</u>	<u>Danger! Low voltage</u>	<u>Everything changes</u>	<u>Body pump and body health</u>
Division Family Genus Species Colony Fungi Arachnids Arthropods Micro-organisms Microbes Bacteria	Spectrum Ultra-violet Refraction Dispersion Periscope Inverted	Current Filament Series circuit Resistance Resistor Generator Fossil fuels Nuclear Biomass Wind turbine Hydro-electric	Population Variation Inheritance Adaptation Selective breeding Natural selection Genes Genetics DNA Extinct	Circulation Aorta Artery Capillary Vena cava Deoxygenated blood Oxygenated blood Plasma Platelets Chamber Valve Ventricle Atrium