



## 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		Current	Population	Circulation
Family	Spectrum	Filament	Variation	Aorta
Genus	Ultra-violet		Inheritance	Artery
Species	Refraction	Series circuit	Adaptation	Capillary
Colony	Dispersion	Resistance	Selective breeding	Vena cava
		Resistor	Natural selection	Deoxygenated blood
Fungi	Periscope	Generator	Genes	Oxygenated blood
Arachnids	Inverted		Genetics	Plasma
Arthropods		Fossil fuels	DNA	Platelets
Micro-organisms		Nuclear	Extinct	Chamber
Microbes		Biomass		Valve
Bacteria		Wind turbine		Ventricle
		Hydro-electric		Atrium