

Glossary / Vocabulary ---Science

Year Group	Topic	Vocabulary	Definition
Nursery/ Reception	Materials	natural	all things that are not made by people.
		material	the substance or substances of which a thing is made from.
Year1	Materials	absorbent	able to soak up liquid or moisture.
		opaque	When we cannot see through something
		rough	having an uneven surface
		waterproof	Something that keeps water out is waterproof.
		manufactured	to make by hand or machinery.
Year2	Materials	brick	A brick is a man-made building material used to make walls and make places to walk.
		natural	produced by nature; not made by humans.
		manufactured	to make from raw materials by hand or machinery.
		impermeable	does not allow water or liquid to pass through it.
		metal	a substance (as gold, tin, copper, or bronze) that has a more or less shiny appearance, is a good conductor of electricity and heat, and usually can be made into a wire or hammered into a thin sheet
Year3	Materials( Rocks and soil)	sedimentary	Sedimentary rocks are made when sand, mud and pebbles get laid down in layers. Over time, these layers are squashed under more and more layers. Eventually, the layers are turned to rock.
		fossil	Fossils are the preserved remains of an animal, such as the animal's bones, or impressions of the animal's activities, such as footprints.
		soil	Soil is the loose upper layer of the Earth's surface where plants grow.
		topsoil	It is a fairly thin layer (5 to 10 inches thick) composed of organic matter and minerals. This layer is the primary layer where plants and organisms live.
		compost	Compost is an organic manure resulted from decomposition of organic waste with the help of microorganisms and the process of decomposition is known as composting.
Year4	Materials - Solids, Liquids & Gases	solid	a substance that keeps its size and shape
		liquid	liquid has a definite volume, but takes the shape of its container.
		gas	A gas has no defined shape or volume
		melt	to change from a solid to a liquid usually through the action of heat
		precipitate	water that falls to the earth as hail, mist, rain, sleet, or snow.
		freeze	Freezing is a change of state from liquid to solid.
Year5	Materials (Mixtures & Separation)	mixture	Mixture is a combination of two or more pure substances where each substance keeps its own identity upon mixing.

	and Changes		
		dissolve	A solution is made when one substance called the solute "dissolves" into another substance called the solvent.
		immiscible	If two liquids cannot be mixed to form a solution, they are called "immiscible."
		solution	a solution is a homogeneous mixture of two or more substances.
		solute	The substance that dissolves to form a solution is called a solute.
		insoluble	An insoluble substance is a substance (solid) that will not dissolve in a solvent even after mixing (eg; sand and water).
		irreversible	A change is called irreversible if it cannot be changed back again.
		reversible	This is when materials can be changed back to how they were before the reaction took place.
		insulator	An insulator is a material, which does not easily allow heat and/or electricity to pass through it.