

	EYFS	Year 1		Year 2		Year 3	Year 4	Year 5	Year 6
Plants	Seed Stem, Root, Fruit, Leaf, Branch, Trunk, Petal	Deciduous Evergreen Pollen Sculptures, Plants, Stem Dibber Trowel Branch, Bark		Disperse Pollination Hydroponics Nutrients Germination Moist Predict		Photosynthesis Pollen, Pollination Dispersal Germination			
Animals including humans	Fish Bird Humans, Shoulders, Elbows, Ankles, Toes Animal	Herbivore Carnivore Omnivore Amphibian Reptile Mammal Invertebrates. Predator Prey	Compare, Describe Changes, Senses, Classify Tongue Lungs Heart Brain Throat.	Survival Basic needs Breathing Healthy Exercise		Nutrition Vertebrae Muscles Joints, Fibre, Vitamins, Protein, Carbohydrate Minerals	Hibernate Movement Digestion Saliva Herbivore Carnivore Omnivore Food chain	Physical Puberty Muscle Reproduction Gestation Foetus Adolescence Pregnancy	Arteries Veins Capillaries Nutrients Circulatory system Medicine Oxygen Carbon dioxide
Materials	Smooth Rough Hard, Soft Brick, Wood Straw, Bendy	Transparent Opaque Waterproof Absorbent Properties Brittle Flexible Rigid Magnetic		Absorbency Waterproof Hypothesis Properties Resist Particles Changing shape Melting	Twist Squash Bend Stretch Rigid/ity Concertina Stiff Flexible		Gasses Solid Liquid State Matter Particle Grain Classify	Temperature Dissolve Soluble Reversible Thermal Mixture Separation Oxidation Properties Hardness Transparency Conductivity Materials	

							Insulate Variables	
Seasonal change	Seasons Hibernation Light, Dark Summer, Winter, Autumn Spring	Weather Rainfall, Precipitation Thermometer Data Seasons, Temperature, Gauge, Shadows						
Living things and their habitat	Habitat Forest Life cycle, Herbivores, Carnivores Sea Land Omnivores		Classification Reproduces Savannah Rainforest Tundra Predator Dependant Food chain Micro- habitats	Edible Mini beasts Transfer Energy Harvest Allotment Produce		Habitat Growth Local Excretion Reproduction Alive Classification Migrate	Sexual Sperm Egg Fertilise Metamorphosis Asexual Life cycle Young	Classification Kingdom Phylum Genus Micro-organism Class Order Taxonomy
Rocks					Sedimentary, Igneous, metamorphic, permeable, fossilization, formation, texture, classification			
Forces and magnets					Magnetic pole Potential Attract Repel Contact Force		Vehicle Gravity Resistance Friction Lever Mechanism	

						Pulleys Gears	
Light				Shadow Reflection Translucent, Transparent, Opaque Source			Reflect Absorb Transparent Translucent Opaque Angle of incidence Magnify Refraction
Electricity					Electricity Buzzer Motor Conductor Battery Positive Negative Insulator		Circuit Components Insulator Conductor Current Voltage Short circuit Resistance
Earth and space						Earth Orbit Rotates Spherical Solar system Phase Galaxy Scale	
Evolution and inheritance							Evolution Inheritance Characteristics Reproduction Adaption Off spring Species Camouflage
Sound					Sound Source Vibrate Travel Pitch		

					Volume Hear Noise		
Recycling and caring for our planet	Plastic, Pollution Recycling Floating, Sinking Re-use Climate change, Planet						