

## Seven Stars Science Progression of Vocabulary

Unit	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Animals including Humans</b>		<p>Senses, eyes, sight, taste Touch, senses Hearing, sight Sound, yellow, smell, touch Taste, orange slice</p>	<p>parts of the body including those within the school's RSE policy, senses, touch, see, smell, taste, hear, fingers, skin, eyes, nose, ear,</p>	<p>offspring, reproduction, growth, baby, toddler, child, teenager, adult, old person, names of animals and their babies (e.g. chick/hen, kitten/cat, caterpillar/butterfly)</p>	<p>skeleton, bones, muscles, joints, support, protect, move, skull, ribs, spine</p>	<p>Digestive system, digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, nutrients, large intestine, rectum, anus,</p>	<p>Puberty RSE – the vocabulary to describe sexual characteristics</p>	<p>Heart, pulse, rate, pumps, blood, blood vessels, transported, lungs, oxygen, carbon dioxide, nutrients, water, muscles, cycle, circulatory system,</p>
		<p>arm, legs, chest, jump, move, hand, finger, feet, walk, run, eyes, nose, blink, face Colour, hair, eyebrows, ears, teeth, mouth, baby, food, grow, hair, teeth, diet, exercise, tooth, healthy, cow, milk, cream, cheese, butter, noodles, wheat, flour, China, bread, apple, orange, pear, Strawberry, pick, vegetable fruit</p>						<p>diet, exercise, drugs, lifestyle</p>

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<b>Living things and their Habitats</b>		Ladybird, spider, snail, honey, worm, fly, beetle, insect, ant, mouth	(From animals inc Humans) head, body, eyes, ears, mouth, teeth, leg, tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves, names of animals experienced first-hand from each vertebrate group,	living, dead, never been alive, suited, suitable, basic needs, food, food chain, shelter, move, feed, water, air, survive, survival, Names of Habitats from around the world names of local habitats (e.g. pond, woodland etc.), names of micro-habitats (e.g. under logs, in bushes etc.), conditions, light, dark, shady, sunny, wet, damp, dry, hot, cold, names of living things in the habitats and micro-habitats studied		Classification, classification keys, environment, habitat, , migrate, hibernate	life cycle, reproduce, sexual, fertilises, asexual, plantlets, runners, tubers, bulbs, cuttings	vertebrates, fish, amphibians, reptiles, birds, mammals, invertebrates, warm-blooded, cold-blooded, insects, spiders, snails, worms, flowering, non-flowering, mosses, ferns, conifers
<b>Plants</b>		Plant, seed, nutrients, soil, water, sunlight, compost, heap, weeds, garden roots	Leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud Names of trees in the local area Names of garden and wild flowering plants in the local area	light, shade, Sun, warm, cool, water, space, grow, healthy, bulb, germinate, shoot, seedling	photosynthesis, pollen, insect/wind pollination, male, female, seed formation, seed dispersal (wind dispersal, animal dispersal, water dispersal), air, nutrients, minerals, soil, absorb, transport			
<b>Materials</b>		Change, solid, liquid, pan, metal Sheep, fleece, shear, wool, ball, smooth, glass, polish, mirror	Object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/cardboard, rubber, wool, clay,	materials – wood, metal, plastic, glass, brick, rock, paper, cardboard  Properties of materials – as for Year 1 plus opaque, transparent and	(From Rocks) rock, stone, pebble, boulder, grain, crystals, layers, hard, soft, texture, absorb water,	(From States of Matter) solid, liquid, gas, heating, cooling, state change, melting, freezing, melting point, boiling, boiling point, evaporation,	thermal electrical insulator conductor solid words to describe properties of objects	

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		Sculpture, sand, bucket, sandcastle, shovel  Dune, erode, ocean, cliff, beach	hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see-through, not see- through	translucent, reflective, non-reflective, flexible, rigid Shape, push/pushing, pull/pulling, twist/twisting, squash/squashing, bend/bending, stretch/stretching	fossil, bone, flesh, minerals, marble, chalk, granite, sandstone, slate, soil, types of soil (e.g. peaty, sandy, chalk, clay)	condensation, temperature, water cycle	change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, reversible/non- reversible change, burning, rusting, new material	
<b>Electricity</b>		Energy Rule Danger Safe Electricity				Electricity, electrical appliance/device, mains, plug, electrical circuit, complete circuit, component, cell, battery, positive, negative, connect/connections, loose connection, short circuit, crocodile clip, bulb, switch, buzzer, motor, conductor, insulator, metal, non- metal, symbol	Words from year 4 Circuit, complete circuit, circuit diagram, circuit symbol, cell, battery, bulb, buzzer, motor, switch, voltage	
<b>Light</b>		Lights Lamps switches			light, light source, Sun, sunlight, dangerous shadow opaque transparent			light, light source, Sun, sunlight, dangerous straight lines, light rays
<b>Earth and Space</b>		rocket travel firework Robert Goddard Launch Venus Uranus Jupiter Solar System					Sun, Moon, Earth, planets (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune), spherical, Solar System, rotate, star,	

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		planet					orbit	
<b>Forces and Magnets</b>		Push, pull, press, suck, swing, sink, sea, float, plastic, duck, boat, horse, riding, bus, transport, bicycle, aeroplane			Force, push, pull, twist, contact force, non-contact force, magnetic force, magnet, strength, bar, magnet, ring magnet, button magnet, horseshoe magnet, attract, repel, magnetic material, metal, iron, steel, poles, north pole, south pole		Force, gravity, Earth, air resistance, water resistance, friction, mechanisms, simple machines, levers, pulleys, gears	
<b>Sound</b>		senses hearing ears				Sound, source, vibrate, vibration, travel, pitch (high, low), volume, faint, loud, insulation		
<b>Evolution and Inheritance</b>		museum lizard meteorite dinosaur reptile						offspring, sexual reproduction, vary, characteristics, suited, adapted, environment, inherited, species, fossils, evolve, evolution
<b>Seasons</b>		Spring Summer warm bird Sun Autumn Winter snow bark season	weather, sunny, rainy, raining, shower, windy, snowy, cloudy, hot, warm, cold, storm, thunder, lightning, hail, sleet, snow, icy, frost, puddles, rainbow, seasons, winter, summer, spring, autumn, Sun, sunrise, sunset, day length					

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Environment		Dune, erode, ocean, cliff, beach				environment, habitat, human impact, positive, negative,		Weather, Global warming, Recycle, Biodegrade, Net zero, Greenhouse gases, Industrial revolution, Combustion, COP, Conference, Species, Habitat
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