

The Piggott School: Charvil Primary



'Go and do Likewise' Luke 10:25, -37 The Parable of the Good Samaritan
We live with love and compassion, seeking help in times of need

Curriculum Map: Science Year 1

	Seasonal Changes (taught throughout year at the beginning of Autumn and Summer terms and in Geography in Spring term)	Animals including humans - body parts and senses	Everyday Materials – identifying and grouping	Plants	Animals including humans – identify and compare
Content Declarative Knowledge 'I know'	*observe changes across the four seasons *observe and describe weather associated with the seasons and how day length varies.	*identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	*distinguish between an object and the material from which it is made *identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock *describe the simple physical properties of a variety of everyday materials *compare and group together a variety of everyday materials on the basis of their simple physical properties.	*identify and name a variety of common wild and garden plants, including deciduous and evergreen trees *identify and describe the basic structure of a variety of common flowering plants, including trees	*identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals *identify and name a variety of common animals that are carnivores, herbivores and omnivores describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)
Skills Procedural Knowledge 'I know how to'	Plan *Ask simple questions when prompted *Suggest ways of answering a question Do *Make relevant observations using simple equipment *Conduct simple tests, with support *Identify and classify with guidance Record *Gather and record data Review *Recognise findings *use their observations and ideas to suggest answers to simple questions				
Vocabulary	Season, spring, summer, autumn, winter, weather,	Body, head, neck, arms, elbows, legs, knees, face,	Object, material, wood, plastic, glass, metal, water,	Names of: wild plants, garden plants, flowering	Fish, amphibians, reptiles, birds, mammals,

	hot, warm, cool cold, sunny, cloudy, windy, rainy, snowing, hailing, sleet, frost, fog, mist, icy, rainbow, thunder, lightning, storm, light, dark, day, night	ears, eyes, eyebrows, eyelashes, nose, hair, mouth, teeth, tongue, feet, toes, fingers, nails, ankle, calf, thigh, hips, waist, trunk, chest, shoulders, back, hands, wrist, tail, wing, claw, fin, scales, feathers, fur, beak, senses, hearing, seeing, touching, smelling, tasting, smooth, bright, dim, loud, quiet, high, low	rock, brick, paper, fabric, elastic, foil, cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, waterproof, absorbent, tear, rough, smooth, shiny, dull, see through, not see through	plants, trees, leaf, flower, blossom, petal, fruit, berry, root, bulb, seed, trunk, branch, stem, bark, stalk, vegetable	carnivores, herbivores, omnivores
	Questions, answers, equipment, gather, measure, record, results, sort, group, test, explore, observe, compare, describe, similar/ities, different/ces, beaker, pipette, syringe				
Key Questions	How do we know it is Autumn/Spring/Summer/Winter? What is the difference between Spring, Summer, Autumn and Winter? What is the same?	Why are our bodies special? What does our skeleton do?	What makes objects different? Why can some objects do things others can't?	How do plants grow? Do all plants grow in the same way? Can plants grow all year round? Can all plants survive in the same season/habitat?	Are all animals the same? What makes a great predator? How does an animal's habitat help it survive? What makes humans different from animals?
Assessment	Assessment on Insight every term as well as lesson by lesson observations based on knowledge, skills and key questions outlined above Peer and self-assessment opportunities Option to use White Rose End of Block assessments at teachers discretion				
Cross Curricular Links/Character Education	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership	Spiritual – learning about the world around them and reflecting on experiences Social – cooperating and working together Preparation for adulthood – promote independence, opportunities for leadership

	Art and Design – create seasonal artwork	PE – investigate the effects of exercise on the human body Maths – non-standard measurements of parts of the body		English - writing instructions for how to plant a seed	Art and Design – observational drawing of animals
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