Year 1 autumn 1

Ecology

I know that animals and humans can be carnivore, herbivore or omnivore.

Topic: Animals

Question: How

are humans and

animals alike?

Composite

Including Humans

Ecology

I know how to compare carnivores, herbivores and omnivores.

Pioneers /Capital



Good Health

I know the parts of the human body.

Good Health

I know the five senses.

Good Health

I know which sense is associated with which part of the body.

Vocabulary

Head, body, eyes, ears, mouth, teeth, leg, tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves, senses, touch, see, smell, taste, hear, fingers, skin, eyes, nose, ears, tongue

Science Golden Threads covered in KS1 and KS2:

Climate Processes and change

Ecology Good Health

Year 1 autumn 2 Climate I know what the four seasons are called. I know at which time of year each season **Ecology** happens. Processes and Change I know that the length of I know the weather day may differ due to associated with each the season. season. Vocabulary weather, sunny, rainy, raining, **Topic: Seasonal Changes** shower, windy, snowy, cloudy, hot, warm, cold, storm, thunder, How does the weather lightning, hail, sleet, snow, icy, frost, puddles, rainbow, seasons, affect us? winter, summer, spring, autumn, Sun, sunrise, sunset, day length Sustainability **Good Health** How can the weather What do we need to do help us take care of our to keep safe in each world? season? Pioneers/ capital Science Golden Threads covered in KS1 and KS2: Stories about the Climate Processes and change change in the seasons. Ecology Good Health Pioneers/Capital Sustainability

Year 1 spring 1

Climate

I know how to identify and name a range of common animals and comment on where they live.

Life Processes and Change

I know how to compare the body structure of a range of common animals – MAMMALS, AMPHIBIANS, BIRDS, REPTILES, FISH.

Ecology

RECAP: I know how to identify a variety of common animals that are carnivores, herbivores and omnivores.

Topic: Animals Including Humans

Composite
Question: How are
mammals,
amphibians, birds,
reptiles and fish
different?

I know how to sort animals according to whether they are – MAMALS, AMPHIBIANS, BIRDS, REPTILES OR FISH.

Sustainability

I know how to discuss how can we maintain the habitats of animals – recycling/ use of clean fuels, stop deforestation.

Pioneers / Capital

Chris Packham – Animal Conservationist.



Vocabulary

Head, body, eyes, ears, mouth, teeth, leg, tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves, senses, touch, see, smell, taste, hear, fingers, skin, eyes, nose, ears,

Science Golden Threads covered in KS1 and KS2:

Climate Processes and change

Ecology Good Health

Year 1 spring 2

Ecology

I know how to compare different plants.

Ecology

I know the structure of a flowering plant

I know how to name a variety of common garden plants.

Climate

I know which plants where fruit and vegetables come from.

Ecology

I know the structure of a tree

I know what deciduous and evergreen mean

I know a range of trees.

Pioneers: Beatrix Potter

Botanist and Author

Look at Beatrix Potter Books and discuss.



Vocabulary

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

Good Health

Topic: Plants

the plant world?

Composite Question: What

differences are there in

I know what plants we eat.

Science Golden Threads covered in KS1 and KS2:

Climate Processes and change

Ecology Good Health

Year 1 summer 1

Sustainability

I know how to identify a variety of everyday materials including wood, plastic, glass, metal, water and rock.

Processes and Change

I know what an object is and what it is made from.

Processes and Change

I know how to describe the simple physical properties of a variety of everyday materials.

Processes and Change

I know how to compare and group together a variety of everyday materials on the basis of their simple physical properties.

Topic: Every Day Materials

Composite Question: How do we group all

Pioneers/ Capital:

Book -

"That's Not My Robot."



Vocabulary

object, material, wood, plastic, glass, metal, water, rock, brick, paper, fabric, elastic, foil, card/cardboard, rubber, wool, clay, hard, soft, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see-through, not see-through

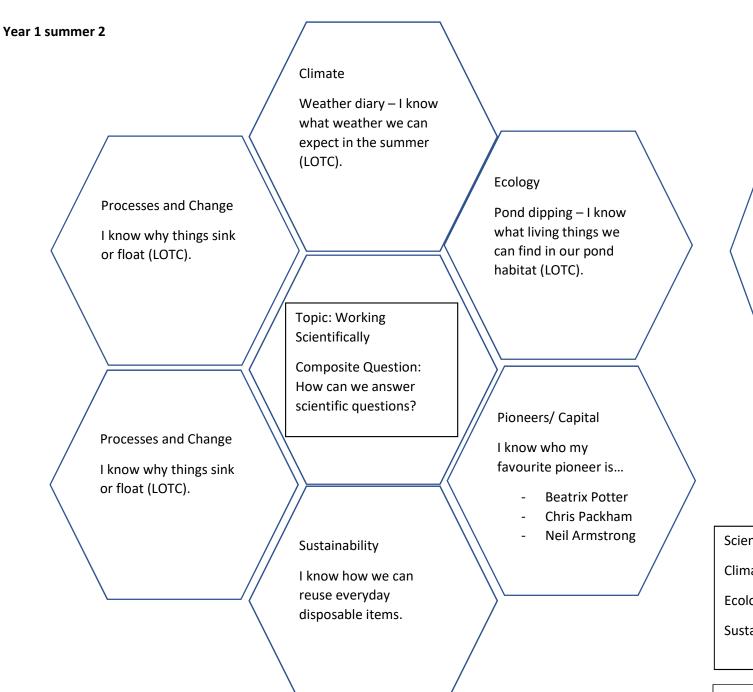
Processes and Change

I know what materials can be used for.

Science Golden Threads covered in KS1 and KS2:

Climate Processes and change

Ecology Good Health



Vocabulary

observe, changes, patterns, grouping, sorting, compare, same, different, identify (name), measure, data, record results, drawing, picture, table, tally chart, present, pictogram, block chart, Venn diagram, ask questions, test, investigate, explore, equipment, resources, magnifying glass, hand lens, ruler, tape measure, metre stick, pipette, syringe, spoon, teaspoon, answer questions, interpret researching using secondary sources.

Science Golden Threads covered in KS1 and KS2:

Climate Processes and change

Ecology Good Health

Sustainability Pioneers/Capital

LOTC – Learning Outside The Classroom