YEAR 5
Outdoor-Ed Curriculum

What are we going to learn? Science

▶ Life cycles of a mammal, an amphibian, an insect and a bird. –

▶ As part of their life cycle, plants and animals reproduce. Most animals reproduce sexually. This involves two parents where the sperm from the male fertilises the female egg.

▶ Animals, including humans, have offspring which grow into adults. In humans and some animals, these offspring will be born live, such as babies or kittens, and then grow into adults.

▶ In other animals, such as chickens or snakes, there may be eggs laid that hatch to young which then grow to adults. Some young undergo a further change before becoming adults e.g. caterpillars to butterflies. This is called a metamorphosis.

▶ Plants reproduce both sexually and asexually. Bulbs, tubers, runners and plantlets are examples of asexual plant reproduction which involves only one parent. Gardeners may force plants to reproduce asexually by taking cuttings. Sexual reproduction occurs through pollination, usually involving wind or insects.

Key Vocabulary:

life cycle, reproduce, sexual, sperm, fertilises, egg, live young, metamorphosis, asexual, plantlets, runners, bulbs, cuttings

AUTUMN 2

YEAR 5

Outdoor-Ed Curriculum

What are we going to learn? Geography

▶ identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time

▶ use maps, atlases, globes and digital/computer mapping to locate countries and describe features

▶ use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of OS maps) to build their knowledge of the UK and the wider world

▶ use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps

Key Vocabulary:

Continent, country, region, city, county, borough, locational language, compass points, physical and human features British Isles, Great Britain, UK, Sustainability legacy, region, regeneration, development, roads, houses, canals, cathedral, city, enquiry, local area, enquiry, local area, sustainability, past, present, future

AUTUMN 2

Outdoor-Ed Curriculum

What are we going to learn? PSHE

▶ I can face new challenges positively and know how to set personal goals. I know what I value most about my school and can identify my hopes for this school year. I appreciate the opportunities that learning and education are giving me and understand how this will help me to build my future. I stay motivated when doing something challenging. I keep trying even when it is difficult. I work well with a partner or in a group. I have a positive attitude. I help others to achieve their goals. I work hard to achieve my own dreams and goals

Key Vocabulary:

▶ Education, appreciation, opportunities, goals, motivation, vision, hopes, challenge, rights, Dream, hope, goal, feeling, achievement, society, goal, determination, perseverance, motivation, aspiration, culture, country, communication, support, rallying, team work, co-operation, difference

AUTUMN 2

YEAR 5
Outdoor-Ed Curriculum

What are we going to learn? Sustainable Development Goals

➤ Ensure healthy lives and promote well-being for all ages.

➤ Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

➤ Make cities and human settlements inclusive, safe, resilient and sustainable

➤ Take urgent action to combat climate change and its impacts

➤ Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

AUTUMN 2

Greatwood Community Primary School