

Year 1 - Spring Term:
Survival Squad: Time to THRIVE!
Science and Technology

Essential Questions: What do living things need?
How do my choices impact the environment?



Why am I learning this?

To know that there are **living and non-living things**.

To understand how all living things are connected.

To understand that plants require specific **conditions** to grow.

To understand that living things have **life cycles**.

To understand that different animals live in different **habitats**.

To understand and appreciate that all living things are **connected**.

To understand that we have **choices** and **decisions** to make and our choices can positively or negatively impact the environment and the living things in it.

My experiences as a learner

Plants

Hook

I can be curious about my environment and hunt for living things. (nature walk)

I can **sort** living vs non-living things

I will be able to explain the differences between living and non living things.

I can show I care for the environment by taking action when needed. (eg. litter pick)

What living things need (plants)

Hook

Tray full of seeds:
I will **carry out a scientific investigation** to grow a plant (bean); I will **observe** and **describe** what it needs.

I can make predictions recognise patterns and communicate my findings

Life cycles

I will communicate my findings by observing and recording the lifecycle of a plant and an animal.

Animals

Habitats

I will **identify** two different habitats, within the school grounds and local environment; (Pond dipping/School garden)

I will **compare** and **contrast** their features.

I will **gather, collate and analyse** data about the living creatures I found

I will create tables and graphs (DCF) to answer questions about what I have found and I will extract and evaluate information.

I will **take action** to improve the habitats for minibeasts in our school grounds based on my interpretation of the data I have collected. (bug hotel, wildflower meadow, hedgehog house, bee feeders)

I will **make a positive contribution** to improve the environment.

I can produce designs to communicate my ideas to improve a habitat.

I can follow my design to improve a habitat and evaluate its effectiveness.