**Organiser – Planet Earth**

**Biodiversity and interdependence**

I have observed living things in the environment over time and am aware of how they depend on each other. SCN 0-01a

I can distinguish between living and non-living things. I can sort living things into groups and explain my decisions. SCN 1-01a

I can identify and classify examples of living things, past and present, to help me appreciate their diversity. SCN 2-01a

I can explore examples of food chains and show an appreciation of how animals and plants depend on each other for food. SCN 1-02a

**Energy Sources and sustainability**

I am aware of different types of energy around me and can show their importance to everyday life and my survival. SCN 1-04a

**Processes of the planet**

By investigating how water can change from one form to another, I can relate my findings to everyday experiences SCN 0-05a/1-05a

**Space**

By safely observing and recording the sun and moon at various times, I can describe their pattern of movement and changes over time. I can relate these to the length of a day, a month, a year.

SCN 1-06a

**Organiser – Forces, electricity and waves**

**Forces**

By investigating how friction, including air resistance, affects motion, I can suggest ways to improve efficiency in moving objects SCN 2-07a

By investigating the floating and sinking of objects in water, I can apply my understanding of buoyancy to solve a practical challenge. SCN 2-08b

**Vibrations and waves**

Through play I have explored a variety of ways of making sounds SCN 0-11a

**Organiser – Biological systems**

**Body systems and cells**

I can identify my senses and use them to explore the world around me SCN 0-12a

I have explored my senses and can discuss their reliability and limitations in responding to the environment SCN 1-12b

I have explored the structure and function of sensory organs to develop my understanding of body actions in response to outside conditions SCN 2-12b

**Organiser – Materials**

**Properties and uses of substances**

Through creative play, I explore different materials and can share my reasoning for selecting materials for different purposes SCN 0-15a

Through exploring properties and sources of materials, I can choose appropriate materials to solve practical challenges SCN 1-15a

**Earths materials**

Having explored the substances that make up the Earth’s surface, I can compare some of their characteristics and uses SCN 2-17a