

- **Science: Nursery**

Development matters links:

- Use all their senses in hands-on exploration of natural materials.
- Explore collections of materials with similar and/or different properties.
- Talk about what they see, using a wide vocabulary.
- Explore how things work.
- Plant seeds and care for growing plants.
- Understand the key features of the life cycle of a plant and an animal.
- Begin to understand the need to respect and care for the natural environment and all living things.
- Explore and talk about different forces they can feel.
- Talk about the differences between materials and changes they notice.

Sequence of lessons:

<u>Autumn</u>	<u>Spring</u>	<u>Summer</u>
<u>Changes in our world</u>	<u>What is melting?</u> <u>New life</u>	<u>Planting and growing</u> <u>Minibeasts</u>
I am beginning to use some senses in 'hands on' exploration of natural materials.	Beginning to use all my senses in hands on exploration	Understand key features of the life cycle of a plant and an animal
I am getting to know new outdoor learning space	Explore collections of materials with similar properties	Understand the need to respect and care for all living things
I am beginning to explore collections of materials with similar and/or properties	Understand the need to respect and care for the natural environment	Know that there are different countries in the world and can talk about the differences
I can take part and talk about my autumn collection	Explore how things work	I can plant seeds for growing plants
I can talk about what I see, beginning to use a wider vocabulary	Explore and talk about different forces I can feel	I can talk about what I see, beginning to use a wider vocabulary

Key vocabulary:

Spring	New life	Change	Seed
Bulb	Plant	Leaf	Flower
Ice	Bug	Environment	Grow
Compost	Soil	Tall	Melting