

Reception Science Progression Document

<u>Autumn A</u>	<u>Autumn B</u>	<u>Spring A</u>	<u>Spring B</u>	<u>Summer A</u>	<u>Summer B</u>
<u>Topics:</u> - Human growth over time - What do plants need to grow?	<u>Topics:</u> - Our skeleton - Freezing and melting	<u>Topics:</u> - How does a boat float? - Habitats	<u>Topics:</u> - Forces (Rockets) - Materials	<u>Topics:</u> - Microhabitats of minibeasts - Lifecycles	<u>Topics:</u> Making changes to materials
<u>Objectives:</u> Human lifecycle: Discuss changes as humans grow; Think about how children have changed from a baby to now and make a list of what they have learned so far; Think about what happens as humans grow into adulthood. Plant bean plants. Create a bean diary, observing changes over time.	<u>Objectives:</u> Explore the human skeleton, naming some bones and discussing the importance of their skeleton. Observe ice and frost in the cold weather and look at what happens when water freezes and ice is melted.	<u>Objectives:</u> Explore floating and sinking using different objects in a water tray; Design and create pirate ships. We will look at the habitat of the jungle, which animals live in the different layers and why. We will compare this to animals in the UK and arctic and talk about adaptation.	<u>Objectives:</u> Investigate forces by launching rockets made from different sized bottles and cones. Investigate which material would be best to make a stuffed toy and why.	<u>Objectives:</u> Use the outdoor area to explore where we can find minibeasts. Think about why minibeasts may live underneath rocks or logs. Explore and describe the lifecycles of frogs and butterflies and how these animals change as they grow.	<u>Objectives:</u> Explore changes as different objects/materials are mixed with water, heated and cooled; Explore reversible and irreversible changes (chocolate, cakes and water – linked to Freezing and Melting).
<u>Additional continuous provision (Exploration Area) – colours, light, magnetic materials, seasons</u>					