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| **Science**    **Curriculum Overview 2022-23**  **Class 1 - Year B** | | | | |
| **Unit of work** | **Autumn Two**  **Winter Wonderland** | **Summer One**  **In The Garden** | **Summer Two**  **Splish Splash** |
| **Prior Learning** | *Children may have some experience of melting and freezing from real life experiences* | *Some of the children visited Milldale in nursery and have some experience on minibeast* | *Most children have visited the beach at some point with their family* |
| **Core Learning** | * Investigate the process of melting and freezing * Explore weather changes in winter * Explore the changes in the season throughout the year * Explore different materials- using appropriate language   *Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter*  *(UW- The Natural World)* | * Go on a minibeast hunt- investigate about the different habitats * Plant and grow plants- talk about how we care for them- what does a plant need   *Explore the natural world around them, making observations and drawing pictures of animals and plants.*  *(UW- Thee Natural World)* | * Investigate the process of floating and sinking * Investigate what materials are waterproof- make a boat for teddy   *Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter*  *(UW- The Natural World)* |
| **Vocabulary** | Winter  Seasons  Weather  Freeze  Melt  Brittle  Soft  Smooth  Hard  Cold | Minibeast  Habitat  Plants  Growing  Change | Float  Sink  Waterproof |
| **Personal Development** | Why does your ice cream melt on hot days? | How can we do to help the minibeasts in our garden? | If you were out in the rain- what would you want your umbrella to be made from? |
| **Quick Quiz** | What things are frozen? | * What does a plant need to grow? * What is your favourite minibeast and why? | * What things will sink or float? * Can we find things which are waterproof? |