| **Science****Curriculum Learning****Class 1****Year B**  |
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| **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 |
| **Key learning** **Nuggets** | Why does my ice lolly melt?Why do the leaves fall off the trees? | What can I find in my garden?How can I look after nature? | How can I keep Teddy dry?  |
| **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** | WinterSeasons Weather FreezeMelt BrittleSoftSmoothHardCold | MinibeastHabitatPlantsGrowingChange | FloatSinkWaterproof |
| **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?
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