| **Science****Core Learning** **Class 1****Year A** |
| --- |
| **Unit of work**  | **Autumn One****It’s Good To Be Me****Senses****Autumn Two-****A Starry Night****Seasons and Different Materials**  | **Spring One****Passport to Bridgemere****Water**  | **Summer One****Farm to Fork****Animals****Growing** |
| **Prior Learning** | Children may have some experience of melting and freezing from real life experiences | All the of the children live around the area of Bridgemere  | Most children have visited a farm at some point  |
| **Essentials Key knowledge** **Nuggets** | What are my 5 senses?What do my senses like/dislike? | What is floating and sinking?Why do I need an umbrella when it rains? | How is a chicken born?Where does my food come from?How do I look after my plant? |
| **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)
 | * Investigate the process of floating and sinking
* Investigate what materials are waterproof
* Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter

 (UW- The Natural World) | * Lifecycle of an animal- egg to chick
* 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)
 |
| **Vocabulary** | SensesSmellSightHearingTouchTaste WinterSeasons Weather FreezeMelt BrittleSoftSmoothHardCold |  Float SinkWaterproof |  LifecycleHabitatPlantsGrowingChange |
| **Personal Development** | Why do you like the taste or smell of some things and not others?Why does your ice cream melt on hot days? | If you were out in the rain- what would you want your umbrella to be made from? | How can we do to help the plants in our garden?Why should we be thankful for the farmers? |
| **Quick Quiz** | What do you use your nose for? What things are frozen? | What things will sink or float? | What does a plant need to grow? |