**Science in the Early Years   
Reception 2021-22**

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| **EYFS Understanding the World Educational Programme (EYFS Statutory Framework 2021)** |

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| **Autumn** | |
| **Autumn 1: You choose (All about me)**   * Life cycle of a human * Talk about how we have changed since babies * Identify changes in the environment during Autumn * Explore materials and their purposes (houses and toys) * Experience and discuss how exercise affect | **Autumn 2: Exploring**   * Begin to name planets in the solar system * Explore light and shadows through touches * Find out about astronauts * Observe the changes to water in different temperatures (freezing and melting). * Begin to notice the changes to the environment during winter |
| **Spring** | |
| **Spring 1: The Past**   * Continue to explore the changes in Winter * Identify herbivores, omnivores and carnivores (Dinosaurs) * Name different parts of dinosaurs and begin to understand animals/features from the past. * Compare different types of dinosaurs * Understand how materials such as fossils and artefacts can be used to inform about the past. * Cave Baby – what materials where used during the Stone Age e.g. for cave paintings? | **Spring 2: Fantasy**   * Explore different materials and their properties * Observe the changes that occur in spring * Begin to understand occupations such as vets, doctors * Learn about how we are able to care for the natural environment |
| **Summer** | |
| **Summer 1: On the Farm**   * Understand the features/purpose of farms * Explore and observe different plants including fruit and vegetables * Understand how to care for plants * Plant a seed and observe the changes * Compare plants * Begin to understand where food comes from and understanding how certain foods affect our bodies * Life cycle of animals - Name and discuss many different animals | **Summer 2: Oceans**   * Sort materials into those that float and those that sink * Create own floating object * Name, describe and sort different sea creatures * Discuss similarities and difference in relation to sea creatures * Importance of protecting oceans and environment * Compare habitats of sea creatures |