

**An Early Years Scientist**

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| **Age Range** | **Area of Learning** | | **Skills** |
| **Reception** | **Communication and Language** | | * Learn new vocabulary * Use new vocabulary * Ask questions to find out more and to check what has been said to them * Connect one idea to another using connectives * Articulate their ideas and thoughts in well-formed sentences * Describe events in some detail * Use talk to work out problems and organise thinking and activities * Explain how things work and why they might happen * Use new vocabulary in different contexts * Engage in non-fiction books * Listen to and talk about some non-fiction to develop a deep familiarity with new knowledge and vocabulary |
| **Physical Development** | | * Know and talk about the different factors that support their overall health and wellbeing * Engage in regular physical activity * Understand healthy eating * Understand dental hygiene * Have a good sleep routine |
|  | **Understanding the World** | | * Explore the natural world around them * Describe what they see, hear and feel while they are outside * Understand the effect of changing seasons on the natural world around them |
| **Early Learning Goal** | **Communication and Language** | **Listening, Attention and Understanding** | * Listen attentively and respond to what they hear with relevant questions and comments when being read to and during whole class and small group discussions * Make comments about what they have heard and ask questions to clarify their understanding |
| **Speaking** | * Offer explanations for why things might happen making use of recently introduced vocabulary |
|  | **Personal, Social and Emotional Development** | **Managing Self** | * Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices |
|  | **Understanding the World** | **The Natural World** | * Explore the natural world around them, making observations and drawing pictures of animals and plants * Know some similarities and differences between the natural world around them and contrasting situations * Explore how things work * Plant seeds and care for growing plants * Understand the key features of the life cycle of a plant and an animal * Beging to understand the need to respect and care for the natural environment and all living things * Talk about the differences between materials and changes they notice |