

**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
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| **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
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|  | **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
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| **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
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| **Speaking** | * Offer explanations for why things might happen making use of recently introduced vocabulary
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|  | **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
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|  | **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
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