

SCIENCE IN ACTION

*'Where there is a child there is curiosity,
and where there is curiosity there is science'*
(Howitt & Blake 2010)

Why Science?

- The word 'science' derives from the Latin word 'scientia' which means 'knowledge'
- Children are naturally curious about the world around them, so why not promote this curiosity and encourage scientific exploration in your ELC setting to help them expand their knowledge through play, discovery and experimentation
- Encourage children to observe, question, and communicate their discoveries to help them broaden their understanding of the world



Everyday Science

- Science goes beyond experiments or structured activities and can be found in everyday life such as growing plants, our changing weather, or preparing food
- Everyday science is about identifying these moments, valuing children's questions and guiding their thinking to encourage skills such as questioning, predicting and analysing



Intentional Science

- There are many benefits to young children when we incorporate intentional scientific experiences
- Providing opportunities for exploring and experimenting with new concepts gives children hands-on experiences to deepen their understanding
- Intentional science involves planning activities designed to ignite curiosity, and build skills such as questioning, predicting and communication



Inspiration

- Inspiration is at the heart of early science
- When educators share their own sense of wonder, they encourage children to look closely, ask questions, and explore new possibilities
- See our book **Science in Action** for a practical guide on creating scientific experiences and inspiring experiments



Click [here](#) or scan the QR Code for our '**Science In Action: Book of Experiments**'

