

Key Developmental Indicators (KDIS) Science and Technology



What is HighScope?

HighScope is a well-established approach to early childhood education and care which is underpinned by development and learning theory and by long term research. It is an approach that identifies and builds on children's interests and abilities and is used internationally in variety of settings.

What is the Science and Technology Course?

This course based on the above publication explains how children's understanding of science and technology develops and how adults can effectively and intentionally support this process. Through hands-on materials and multisensory experiences that build on children's discoveries, adults can help children develop the skills associated with scientific thinking.

This course focuses on the eight key developmental indicators (KDIs) in Science and Technology:

- Observing
- Classifying
- Experimenting
- Predicting
- Drawing conclusions
- Communicating ideas
- Natural and physical world
- Tools and technology

The course gives an opportunity for participants to:

Identify the science and technology Key developmental indicators.

State the components of each of the individual science and technology key developmental indicators.

Identify classroom materials that support children's science and technology learning

Who is the course for?

This half day course is designed for early year's practitioners who support young children in preschool settings and will offer an opportunity for sharing of research and theory, discussions and active group work experiences.

Publications relating to the course will be included as part of the course