

Understanding the World

People and Communities

- What is science? Who are scientists and what do they do?
- How do experiments help our life.

The World

- Observing and recreating different environments for water. Recording results.
- Using our senses to explore different materials

Technology

- Using the Internet and iPad to enhance the topic.

Mathematics

Numbers

- Using simple graphs to log experiment results.
- Counting and logging quantities used in experiments.

Shape, Space & Measure

- Measuring any ingredients accurately.
- During experiments discussing if things are getting larger or smaller etc.

Personal, Social and Emotional Development

Making Relationships

- What can we do to have good manners while working in groups?

Self-confidence and Self-awareness

- Exploring with our senses particularly during the experiments.

Managing Feelings and Behavior

- Encouraging input from all children.

Physical Development

Moving and Handling

- Refining fine motor skills during experiments – tasting, touching, pouring, dropping, spooning.

Health and Self-care

- Investigating during experiments whether hand washing is required or if something is harmful to our health if eaten.

Little Scientists



Literacy

Reading

- Offering books relating to children's science experiments.

Writing

- Assisting the children in drawing a map of the experiments.
- When requested, assisting in sounding out and letter formation.

Communication & Language

Listening and Attention

- Listening with interest during experiments.

Understanding

- Using vocabulary from the activities in everyday life.
- Listening to, reciting and singing poems and songs.

Speaking

- Verbalizing explanations, giving instructions and recalling experiments and findings.

Expressive Arts and Design

Exploring and using Media and Materials.

- Recreating experiments using different mediums to show what we did.

Being imaginative

- Entering into an imaginary world of scientists using dramatic play and props.