

Early Years

Science

Cloverbank Nursery



At Cloverbank Nursery we will explore, investigate, problem solve and ask challenging questions.

Cloverbank Nursery endorses the values and principles of a Curriculum for Excellence. Our aim is to enable children to develop their capacities as Successful Learners, Confident Individuals, Responsible Citizens and Effective Contributors.

It is our expectation that, by building the curriculum around the development of children's capacities, we can transform the learning experiences of our children.

Our science experiences illustrate an approach that promotes parents, staff and children learning together. We will improve our approach to co-operative learning where children are encouraged to work together.

Children will be engaged in practical work developing investigative skills and creative thinking.

To be a **Successful Learner** children:

- Are motivated and enthusiastic about learning.
- Combine knowledge with evidence from observations, experiments and investigation to formulate hypotheses, draw conclusions and make predictions and generalisations.
- Make reasoned evaluations based on the strength of evidence available.
- Use science as a means of developing a range of skills in critical thinking as well as literacy, information, communication and technology



To be **Confident Individuals** children:

- Relate to others and manage themselves by working on a wide range of science investigations and projects.

To be an **Effective Contributor** children:

- Have an enthusiasm for collaborative learning and group tasks.
- Can listen and respond to others and build on others suggestions and ideas.
- Collaborate effectively in teams during investigational tasks and discussions.
- Take the initiative and lead in developing strategies to solve problems and experiments.
- Can solve scientific problems and challenges.

To be **Responsible Citizens** children;

- Develop the responsible scientific values of respect for living things and the environment, respect for evidence and the opinions of others, honesty in collating and presenting data and openness to new ideas.

REMEMBER SCIENCE IS ALL AROUND US!!

