

Design and Technology Policy

Aim:

Design and Technology is a hands on subject where learners experience evaluating, designing and making a variety of different products. Design and Technology encourages learners to study their environment, question the world and to think about how and why things work the way they do.

Learners are encouraged to use their creativity and imagination; they design and make products that solve real life problems within a range of contexts, considering their own and others' needs, wants and values. They attain a broad range of subject knowledge and use cross curricular skills from English, Maths, Science, Computing and Art.

Cooking and Nutrition is a practical subject providing opportunities for all learners to make healthy, balanced, good quality meals, with a focus on creating predominantly savoury dishes. Learners are taught about nutrition so that they can make informed choices about food and are encouraged to consider nutrition and health in their designing of recipes, preparation and cooking of ingredients. Learners are also given opportunities to develop their knowledge and understanding of where food comes from and how it is produced.

The teaching and learning that takes place within Cooking and Nutrition is directed at individuals becoming independent with regard to food and associated activities, learning skills for life.

Objectives:

- To develop imaginative thinking in learners and to enable them to communicate about what they like and dislike when designing and making.
- To enable learners to talk about how things work and to draw and model their ideas.
- To encourage learners to select appropriate tools and techniques for making a product, whilst following safe procedures.
- To use and explore a range of materials, resources and equipment.
- To investigate attitudes towards the made world and how we live and work within it.
- To foster enjoyment, satisfaction and purpose in designing and making.
- To understand and apply the principals of nutrition and learn how to cook a range of predominantly savoury dishes.

Key Stage 1 & 2

At Landgate, primary learners are assessed against Primary Learning Ladders which encompass The P Scales (stages 1-9) and National Curriculum Year expectations (stages 10-15).

Primary classes participate in one Design Technology session per week and these alternate half termly between Design and Technology and Cooking and Nutrition. Primary Design and Technology is planned and delivered by the lead teacher.

Knowledge, Skills and Understanding

- Designing
- Making
- Technical knowledge
- Cooking and nutrition

Key Stage 3

In key stage three, learners are assessed against Flight Paths which are a breakdown of P scales and National Curriculum year expectations. Learners are placed onto a pathway dependent on their Design and Technology development; ensuring personalised learning. Lessons are delivered by the lead teacher.

Knowledge, Skills and Understanding

- Designing
- Making
- Technical knowledge
- Cooking and nutrition

Key Stage 4

Design and Technology in key stages four and five is planned and delivered around accredited units of work (either AQA's, NOCN or WJEC's) that are suited to learners' Design and Technology development, but still set challenges. Assessment is recorded against an assessment criteria that links with the learning outcomes. Lessons are delivered by the lead teacher.

Knowledge, Skills and Understanding

- Designing
- Making
- Technical knowledge
- Cooking and nutrition

Parental Engagement

Parents and the wider community are invited to healthy eating cooking sessions, parental engagement sessions, our annual farmer's market and coffee mornings regularly throughout the year, to celebrate the work of our learners.

Monitoring arrangement

The Senior Leadership Team / Governors:

- Will monitor the subject through the Landgate self-evaluation and monitoring schedule which are reviewed annually.

Subject Leaders will:

- Will complete departmental SES in line with each data input. Self-Evaluation will take place through whole school systems of scheduled link meetings with staff, SLT and Governors.
- Monitor/ moderate through work sampling, learning walks and lesson observations.
- Review/ update assessment systems based on suitability of use.
- Review/ update Long Term Planning based on suitability of use.

- Create/ update and review a Subject Development Plan
- Monitor the impact of a subject budget.
- Purchase and organise resources.
- Monitor the impact of significant developments.
- Review/ update risk assessments.
- Analyse data.
- Produce a Self-Evaluation Summary.
- Prepare, attend and participate in link meetings.
- Audit and support parents/ colleagues in their CPD.
- Keeping up to date with recent D&T developments.

Links to Policies

- Teaching and Learning
- Behaviour for Learning
- Assessment for learning
- Marking
- Homework
- Educational Visits

Date approved:	
Review Date:	
Signed Executive Headteacher:	