



The Revised Curriculum

Northern Ireland

Averil Morrow

Why change the curriculum?

- International developments
- Local changes
- The needs of children in Northern Ireland

Minimum Requirements for Technology and Design

- **Objective 2 – contributors to society**
 - Explore technical inventions and designs that have met a social need cost-effectively.
 - Design cost effective and appropriate solutions to meet the specific needs of diverse local and global groups.
- Explore how developments in Technology and Design have changed the way we can access the media.
- Opportunities must also be provided to explore issues related to cultural understanding and ethical awareness.

Minimum Requirements for Technology and Design

Learning Outcomes:

- work effectively with others;
- demonstrate self management by working systematically, persisting with tasks, evaluating and improving own performance;
- communicate effectively in oral, visual (including graphic), written, mathematical and ICT formats showing clear awareness of audience and purpose

Minimum Requirements for Technology and Design

Developing pupils' knowledge, understanding and skills

- Design
- Communication
- Manufacturing
- Control



Manufacturing

- **Selecting and using materials fit for purpose**
- **Safe use of a range of tools and processes**
- **Appropriate to materials**
- **Demonstrating accuracy and quality of outcome**



Designing

- **Identifying problems**
- **Investigating, generating, developing, modelling and evaluating design proposals**
- **Giving consideration to form, function and safety**



Communication

Use of free-hand sketching and formal drawing techniques and ICT tools (including 3D modelling)



Control

Incorporate control systems, such as mechanical, electronic or computer-based, in products and understand how these can be employed to achieve desired effects



www.nicurriculum.org.uk

www.clounagh.org

[Link to Movie](#)