

Design and Technology is an **inspiring** and **practical** subject that encourages children to **learn to think** creatively to solve problems, both as individuals and as members of a team. At Charlestown, our provision ensures every child has the opportunity to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts.

Curriculum

- Our curriculum is carefully designed with the pupils at Charlestown in mind. It is a spiral curriculum where pupils return to key strands again and again. Each time a strand is revisited it is covered with greater depth and complexity. Prior knowledge is constantly utilized so pupils can build on previous foundations rather than starting again.
- We aim to link DT topics with other areas of the curriculum.
- We look at design in real life context, take inspiration for history and examine relevant careers.

Latest monitoring: May 2023

- Children knew what DT stood for and were very positive about their DT learning. They could talk about the DT that they had been doing.
- Work in books was well presented and showed some aspects of the design process

Current strengths (June 2023)

- Children enjoy their DT learning.
- Food technology is a particular strength in terms of the units taught and for enrichment.
- New DT curriculum map, unit guidance, policies and resources put into place by DT leader- staff trained in a staff meeting.

Assessment

- Ongoing monitoring of children's understanding, knowledge and skills by the class teacher, throughout lessons (supported by curriculum plans and skills documents)
- This assessment is then used to inform scaffolding, support and challenge required by the children.
- Summative assessments are made on medium term plans at the end of each topic.

Design & Technology



Our DT webpage

Current next steps (June 2023)

- Monitor and continue to implement new guidance across the school to improve quality, consistency and progression across the school.
- Emphasise detail in the steps of the design process
- Further develop effective assessment including alternative ways to record evidence of learning

CPD

- The DT leader keeps up to date with developments in DT by researching good practice in other schools and reading current research in DT.
- Staff have Instant CPD on a page from the DT association to uplevel their knowledge prior to teaching a unit on DT.
- Staff meetings and INSET days are also used to keep up to date with DT.

Planning & progression

- Long and medium term plans
- Knowledge organisers
- Unit guide and WAGOLL
- Whole school curriculum map
- Substance knowledge map
- Skills progression documents
- D&T Association CPD on a page

Enrichment

- Design career focuses in DT units and visits from STEM based careers (you can't be what you can't see assemblies).
- Cooking clubs
- Sewing club
- DT/STEM clubs
- Whole school DT events or involvement in science weeks
- Competitions (i.e. if you were an engineer, school bake off).