Dishforth VC CE Primary School and Nursery

Subject on a page: DT

Intent

- Provide an opportunity for all children to learn the skills required to be a designer
- To encourage children to develop an interest in design technology
- Allow children to critically engage with the design and creation of objects around them including their purpose and practicality.
- Provide an opportunity to be creative
- To engage with materials and understand their properties.

Implementation

Through a whole school approach of I do we do you do through following a clearly sequenced progressive program of study based on the national curriculum and the Design and technology association projects on a page. DT is well resourced within school and children enjoy lessons which are highly valued and enjoyed. Children access high quality teaching that is appropriately pitched to all learners. In EYFS, children explore and use a wide range of materials through a combination of child initiated and teacher led activities

Impact

By the time our children leave school they will have:

- A passion for design technology
- The ability to work constructively and productively with others, within a defined time frame.
- The ability to work, safely and responsibly with a range of materials and tools.
- The ability to ask critical questions of existing products.
- The ability to manage risk
- To use and apply technical vocabulary.

How children with additional needs are supported

Where required, lessons and resources are adapted and scaffolded to ensure every learner can access every topic in our DT offering. Interventions and pre teaching are put in place to support children with additional needs.

How more able children are challenged

Higher level questioning
Encouraging children to consider different perspectives and question every day objects.
Make connections between different products.
Independently dig deeper to further their knowledge.

The focus in my subject this year is:

Developing a wider curriculum including CAD CAM.

Monitoring plans for my subject this year are:

Lesson plans
Book Scrutiny
Pupil Voice

Previous improvements and impact

Links to local businesses to get designers and printers into school to increase engagement..

Current improvements

Developing a wider curriculum including CAD CAM.

Ideas for future Improvements

3D printer clubs to design and make items we can sell in school.

Pupil Voice

100% of children are enthused by their learning.
100% of children asked said they feel the lessons are well resourced.
Children would like more opportunity to learn outside of the classroom.
“I like working together to create something.”
“I like how we lean over into other subject areas.”

Data/Outcomes

Children making expected progress: