

Year 2 Design and Technology Skill Progression

Design

- Use pictures and words to convey what they want to design/make.
- Propose more than one idea for their product.
- Use kits/reclaimed materials to develop more than one idea; model ideas with kits, reclaimed materials.
- Select pictures to help develop ideas.
- Use drawings to record ideas as they are developed.
- Talk about their design as they develop and identify good and bad points.
- Note changes made during the making process as annotation to plans/drawings.
- Add notes to drawings to help explanations.
- Describe their models and drawings of ideas and intentions.

Make

- Discuss their work as it progresses.
- Select materials from a limited range that will meet the design criteria.
- Select and name the tools needed to work the materials.
- Explain what they are making.
- Explain which materials they are using and why.
- Name the tools they are using.
- Describe what they need to do next.

Technical Knowledge

- Build structures, exploring how they can be made stronger, stiffer and more stable
- Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

Evaluate

- Say what they like and do not like about items they have made and attempt to say why.
- Discuss how closely their finished product meets their design criteria and how well it meets the needs of the user.

Food and Nutrition

- Use the basic principles of a healthy and varied diet to prepare dishes
- Understand where food comes from,

In Year 2, we...

- Investigate mechanisms (Spr 1)
- Explore healthy foods (Spr 2)
- Look at textiles (a product, for a stated purpose and a stated user) (Sum 1)