

## How we teach Design and Technology at St Luke's Halsall

We teach a DT curriculum, which allows the children to investigate and be creative while providing them with the opportunities to practice and develop mastery in the key elements of DT. These elements are organised into the areas of:

- Structures
- Mechanisms and mechanical systems.
- Electrical systems (KS2 only)
- Cooking and nutrition
- Textiles
- Digital world (KS2 only)

Through these elements, children are able to progress their skills and knowledge by learning to:

- Design
- Make
- Evaluate
- Develop technical skills

This is supported throughout by looking at real world examples and making cross curricular links where possible. From Reception through to year 6 we use 'Kapow' lesson plans and resources to teach our DT curriculum.

In the Foundation Stage children follow the 'Development Matters' curriculum. DT skills broadly fall under the curriculum areas of 'Expressive arts and design' and 'Physical development'. In Nursery class, children have daily access to a variety of media and materials, which they can explore, experiment and create with. This is done through structured, adult led activities and child led continuous provision opportunities. In Reception class, the progression of skills and knowledge in the 'Kapow' sequence of lessons are used to inform planning of adult led and continuous provision activities, in order to ensure progression.

From Year 1 to Year 6 DT is taught through an effective sequence of lessons, over one half termly block each term. DT is taught across a full afternoon to ensure the children have the time to be curious and creative, explore tasks and develop their skills. DT books are used to record their journey through the designing, making, evaluating process. At the beginning of each new unit, a knowledge organiser is put in the children's DT books to highlight the key themes, skills, knowledge and vocabulary the children will experience in that unit. By teaching in this way, we can ensure that progression is being made in children's skills and knowledge across all the areas of the DT curriculum.

Some work will be displayed in school for the children to showcase their creativity. Not all finished work can be stored, therefore, photographs will be taken of it and put in to the children's books to show their design processes and the progression that has been made.