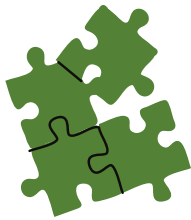


DT at Thomas Johnson Lower School



TJLS Curriculum Drivers

Dream

Children will experience an inspiring, rigorous and practical subject, using creativity and imagination. Children will be encouraged to take risks, becoming resourceful, innovative and enterprising.

Children will be brave enough to ask questions that matter. They will value diversity and celebrate our rich heritage and culture. They will be encouraged to build and apply a repertoire of knowledge, understanding and skills in order to design and make high quality prototypes and products for a wide range of users.

Discover

Children will be encouraged to explore and select from a wide range of materials, including levers, sliders, wheels, and axles. They will be enthusiastic about building structures and exploring how they can be made stronger, stiffer and more stable.

Children will work hard to understand the role of knowledge about the world. They will apply their understanding of levers, electrical systems, coding, mechanical systems, cooking and nutrition. They will be encouraged to make links across the curriculum.

Flourish

Children will become increasingly effective communicators. They will be able to express their understanding and share their learning widely. They will be encouraged to understand the vocabulary they use. They will be able to answer how and why questions about their design, making and evaluating.

Children will be aware of their own potential and be encouraged to work to their full potential, taking risks and evaluating what went well and how they can improve. They will be taught lifelong study skills, use sophisticated vocabulary and understand that they need to persevere to achieve their goal.



Sequencing of Content

The TJLS Curriculum Overview ensures that knowledge of designing, making and evaluating is considered and linked to new learning throughout the subject.

A range of key concepts are taught across phases, giving opportunity to deepen understanding throughout the DT subject.

Designing and making products will be heavily considered and sequenced throughout all year groups.



Deepening of Content

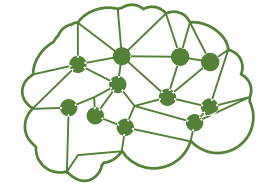
DT concepts taught, revisited and deepened include:

- Designing
- Making
- Evaluating
- Cooking
- Nutrients
- Textiles



Big Ideas

- Design, make and evaluate a wide range of products.
- Learn to use a range of tools and equipment to perform practical tasks.
- Understand and explore the range of existing products.
- Learn about cooking and nutrition and understand the basics of a healthy lifestyle.



Retrieval Practice

Children take part in regular mini-quizzes and retrieval activities to strengthen their memory.

Learning journeys dovetail so learning can be retrieved and applied.

Remembering information and knowledge is celebrated as part of the TJLS culture.