

## ASSESSMENT IN Design and Technology



At St John's we understand that learning is at least in part a change in long-term memory, which is the storage of information over an extended period of time. To facilitate the learning of knowledge and skills in DT, a variety of methods are used in lessons, such as:

- Following the 'Design, Make & Evaluate' format.
- Presenting material in small steps
- Retrieval practice
- Spacing (spreading out learning over different sessions)

In order to assess children's learning in Design and Technology, the following process is used.

Start of new topic	<ul style="list-style-type: none"> <li>• Each topic gives the children the opportunity to develop their understanding of a specific area (e.g. structures, mechanisms). The unit starts with a whole class discussion, where the children are given a challenge or problem to solve.</li> <li>• A front page (unit overview) is stuck into the Key Stage Big Book and can be discussed with the class.</li> </ul>
During the learning process	<p><b>Each topic has a three stage process:</b></p> <p><u>Design</u> Children research, explore and evaluate an existing product to inform future work.</p> <p><u>Make and Test</u> Children design and make their own product drawing on knowledge gained from the first stage. They then test their product against set criteria.</p> <p><u>Evaluate</u> Children look at their finished product to see what worked, or didn't work and think about changes they could make to improve it next time. They then complete an evaluation sheet.</p> <ul style="list-style-type: none"> <li>• Each lesson will have a Learning Objective.</li> <li>• Each lesson will have key vocabulary for children to learn and understand.</li> <li>• A physical product will be made.</li> </ul> <p><b>There will be opportunities for:</b></p> <ul style="list-style-type: none"> <li>• Observation.</li> <li>• Ongoing discussion.</li> <li>• Written work.</li> <li>• Technical Knowledge – when children apply their understanding to the topic.</li> </ul>
End of topic	<ul style="list-style-type: none"> <li>• Subject Skills are recorded on a Skills Tracker in the form of RAG rating. This is completed for each topic. This data can be used to inform report-writing, as well as being useful for the subject lead and the child's next teacher.</li> </ul>

Twinkl is used for our Design and Technology planning and assessment.