



## Core DT skills

Key design and technology skills in primary DT are essential in engaging pupils to explore, plan, and create purposeful products. These skills enable pupils to think like designers by researching ideas, developing designs, using tools effectively and then evaluating a product's success.

The key skills in the Grammarsaurus DT curriculum are: 'Researching', 'Designing', 'Making', 'Evaluating', and 'Technical Knowledge'. Through the development of these skills, children will gain hands-on experience with the design process and begin to work with precision, creativity, and purpose.

Each of our lessons focuses on one of these core DT skills, and an icon symbolises each skill. You will notice that the icons shown below appear on the slides of our lesson presentations. The relevant icon will indicate to the children the core skill the content introduces or teaches.



**Researching**



**Designing**



**Making**



**Evaluating**



**Technical knowledge**

Each time a skill is covered, it is explained to the children in the lesson presentation. See the example below.

**Researching**

Hi! My name is **Jordan**, and I'm a **food scientist**. As a food scientist, I do lots of research. **Researching** means asking questions, finding answers, and learning new things to help us make better food. I test ingredients, cook food in different ways, and observe how food changes. It's like being a scientist and a chef all in one!

I also think about the world and how we can be **sustainable**. I look at how food is grown, how it's packaged, and how it travels from farms to shops. **Food scientists** also help ensure food is healthy, fair, and safe for everyone.

So, my job is about more than just food. It's about **helping people, protecting the planet, and solving problems using science**.

**New word alert!**  
**sustainable** – using resources carefully so they last a long time

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## DT supporting skills

Supporting design and technology skills helps children engage more effectively with DT. These skills enhance their ability to solve problems, work collaboratively, and apply learning in meaningful and creative contexts.

The Grammarsaurus DT lessons focus on the following supporting design and technology skills:



**Solving problems creatively**



**Collaborating effectively**



**Communicating clearly**



**Innovating and creating**



**Considering cultures and ethics**



**Applying mathematics practically**

Each supporting skill is represented by its own icon, shown above. You will see these icons on the relevant presentation slides throughout the DT units, highlighting the specific skills as they are taught.