Pollen-8
DT
Year 1

I can ...

I can use simple tools and materials to create a basic design.
M T

I can explain how a product is used and identify its main parts.
M T

I can describe what I like and dislike about different products.
M T

I can work with others to come up with design ideas.
M T

I can begin to follow simple design plans.
M T

I can make simple improvements to my designs based on feedback.
M T

I can talk about how products are made and used in everyday life.
M T

I can use my creativity to design a model or structure.
M T

Our Deeper Questions

What can we learn from comparing different places?

What does this teach us about what makes people special?

What can we learn about being healthy and safe?

What can we create or invent to celebrate other cultures?

How can we look after our world and the people in it?
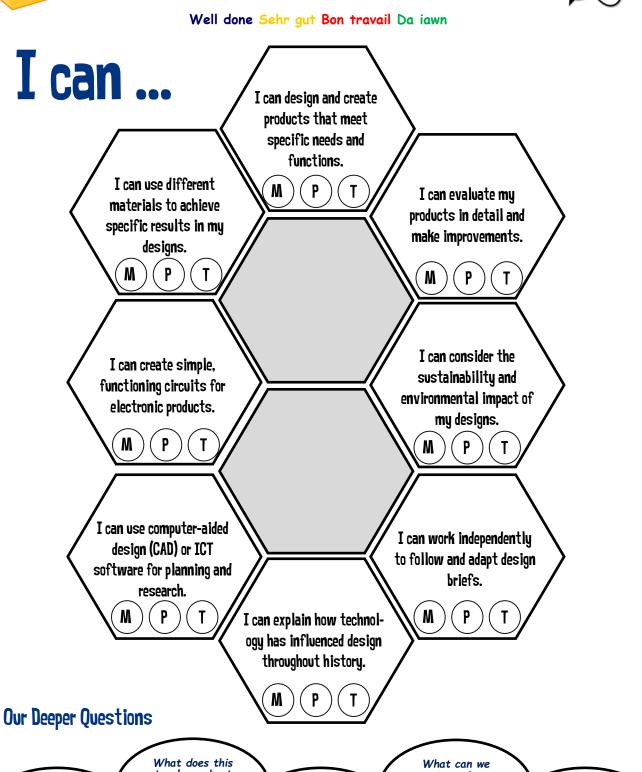
Pollen-8
DT
Year 2

Well done Sehr gut Bon travail Da iawn

I can ...

I can identify and use a range of materials for my designs.
M T

I can follow design plans with increasing accuracy.
M T

I can evaluate my own work and suggest improvements.
M T

I can discuss the purpose and features of a product.
M T

I can work with others to design and create a functional product.
M T

I can explore basic mechanisms like levers and hinges in my designs.
M T

I can explain how products have changed over time and why.
M T

I can use tools and equipment safely under supervision.
M T

Our Deeper Questions

What can we learn from listening to different opinions?

What does this teach us about justice or fairness?

What can we learn about the skills of people and animals?

What can create or invent to help wildlife in our locality and the UK?

How can we look after people and things, who may need our protection?

Pollen-8
DT
Year 3

Well done Sehr gut Bon travail Da iawn

I can ...

I can plan, measure, and cut materials accurately for my designs.

M P T

I can create designs that have a clear purpose and function.

M P T

I can evaluate and test my products against set criteria.

M P T

I can use simple electrical components in my designs.

M P T

I can explore and explain the impact of design on the environment.

M P T

I can use computer software to create and modify design ideas.

M P T

I can explain how the design of a product affects its use and appeal.

M P T

I can use a wider range of tools and equipment with confidence.

M P T

Our Deeper Questions

What can we learn from discussing different people's beliefs?

What does this teach us about differences and people's rights?

What can we learn about using nature carefully?

What can we create using natural materials?

How can we create a good community?

Pollen-8
DT
Year 4

Well done Sehr gut Bon travail Da iawn

I can ...

I can design and create products that meet specific needs and functions.
M P T

I can use different materials to achieve specific results in my designs.
M P T

I can evaluate my products in detail and make improvements.
M P T

I can create simple, functioning circuits for electronic products.
M P T

I can consider the sustainability and environmental impact of my designs.
M P T

I can use computer-aided design (CAD) or ICT software for planning and research.
M P T

I can explain how technology has influenced design throughout history.
M P T

I can work independently to follow and adapt design briefs.
M P T

Our Deeper Questions

What can we learn from analysing different people's work?

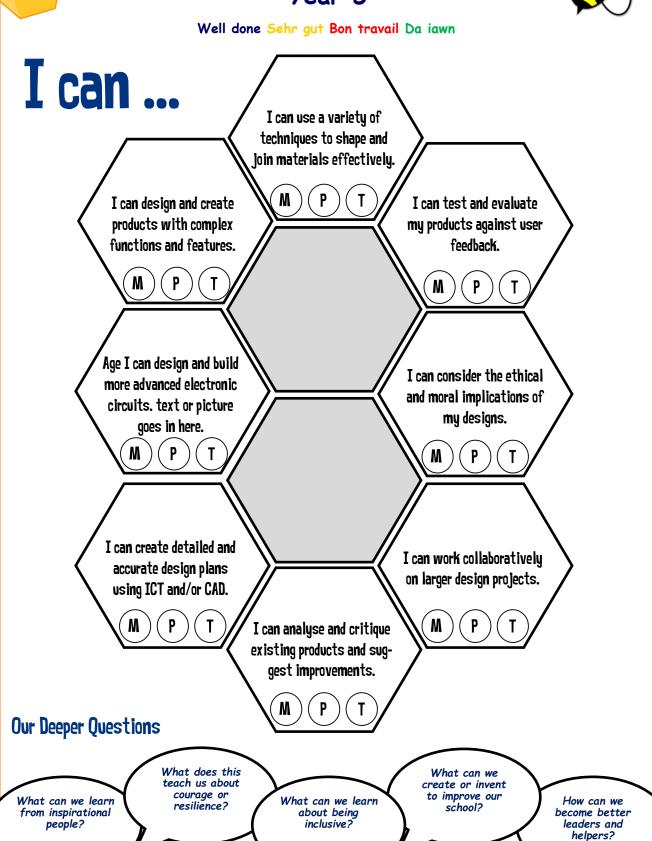What does this teach us about respect or equality?

What can we learn about sustainability and being less wasteful?

What can we create or invent to help improve our health?

How can we look after the well-being of the community?

Pollen-8
DT
Year 5

I can ...

I can use a variety of techniques to shape and join materials effectively.

M P T

I can design and create products with complex functions and features.

M P T

I can test and evaluate my products against user feedback.

M P T

Age I can design and build more advanced electronic circuits. text or picture goes in here.

M P T

I can consider the ethical and moral implications of my designs.

M P T

I can create detailed and accurate design plans using ICT and/or CAD.

M P T

I can analyse and critique existing products and suggest improvements.

M P T

I can work collaboratively on larger design projects.

M P T

Our Deeper Questions

What can we learn from inspirational people?

What does this teach us about courage or resilience?

What can we learn about being inclusive?

What can we create or invent to improve our school?

How can we become better leaders and helpers?

Pollen-8
DT
Year 6

Well done Sehr gut Bon travail Da iawn

I can ...

I can select and use materials with specific properties for my designs.

M P T

I can independently plan and execute complex design projects.

M P T

I can rigorously test, evaluate, and refine my designs.

M P T

I can design and build electronic systems with various inputs and outputs.

M P T

I can explain how design decisions can impact society and culture.

M P T

I can create detailed technical drawings and specifications.

M P T

I can research and present on the impact of technology and design on society.

M P T

I can work as part of a team to solve real-world design challenges.

M P T

Our Deeper Questions

What can we learn from the past to make the future better?

What does this teach us about diversity, inequality or bias?

What can we learn about standing up for what we believe?

What can we create or invent to cut down on waste or help the environment?

How can we make a positive change in the world?