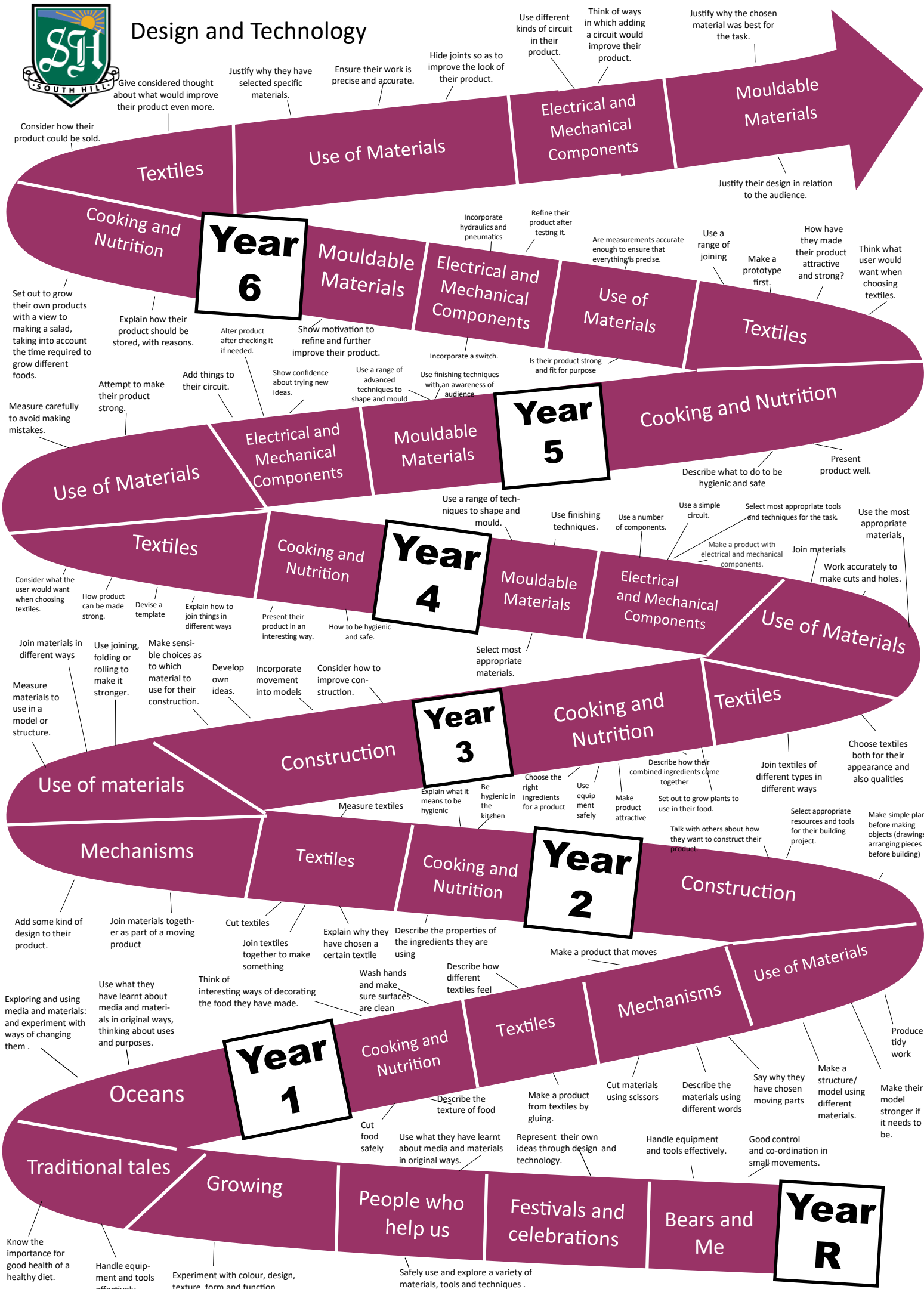




Design and Technology





Design and Technology General Skills

Persevere through different stages of the making process.

Use tools and materials precisely.

Change their way of working if needed.

Keep checking that their design is the best it can be.

Check whether anything could be improved..

Evaluate appearance and function of their final product against the original criteria..

Ask if their product is fit for purpose and what would improve it.

Consider whether different resources would have improved the product.

Consider if they would need more or different information to make their product better.

Consider whether their product meets all design criteria..

Consider the use of the product when materials were selected.

Explain why their finished product is going to be good quality..

Use a range of tools and equipment expertly.

Explain how their product will appeal to the audience

Working with tools, equipment, materials and components to make quality products

Evaluating processes and products

Consider culture and society in their designs.

Justify plans to someone else.

Work within time constraints.

Follow and refine their plan if necessary.

Suggest some alternative plans and say what the good points and drawbacks are about each.

Produce a detailed step-by-step plan.

Take a users view into account when designing.

Use market research to inform plans

Come up with a range of ideas after collecting information and use this to inform their design.

Developing, planning and communicating ideas

Think about how they will check if their design is successful.

Begin to explain how they can improve their original design.

Evaluate their product, thinking of both appearance and the way it works.

Take time to consider how they could have made their idea better.

Explain what they changed to make their design even better.

Evaluating processes and products

UKS2 (Years 5 & 6)

Work at their product even though their original idea might not have worked.

Show a good level of expertise when using a range of tools and equipment.

Be conscious of the need to produce something that will be liked by others.

Predict that their finished product will be good quality.

Working with tools, equipment, materials and components to make quality products

Use equipment and tools accurately.

Explain what went well with their work.

If they did it again, explain what they would improve.

Devise a realistic plan.

Explain that plan to others.

Developing, planning and communicating ideas

Evaluating processes and products

LKS2 (Years 3 & 4)

Show that their design meets a range of requirements

Put together a step-by-step plan which shows the order and also what equipment and tools they need.

Describe their design using an accurately labelled sketch and words.

Come up with at least one idea about how to create their product.

Suggest some improvements and say what was good and not so good about their original design

Take account of the ideas of others when designing.

Working with tools, equipment, materials and components to make quality products

Talk about their own work and things that other people have done.

Describe how something works.

Join things (materials and components) together in different ways.

Explain what they are making.

Explain which tools they are using.

Developing, planning and communicating ideas

Know the importance for good health of physical exercise and a healthy diet, and talk about ways to keep healthy and safe

Represent their own ideas, thoughts and feelings through design and technology

Use what they have learnt about media and materials in original ways, thinking about uses and purposes.

Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function

Provide opportunities and encouragement for sharing their thoughts, ideas and feelings through a variety of activities in design and technology.

Explore and play with a wide range of media and materials .

KS1 (Years 1 & 2)

Think of some ideas of their own. Then plan what to do next.

Explain what they want to do.

Choose the best tools and materials and give a reason why these are best.

Use words and pictures to plan.

Describe their design by using pictures, diagrams, models and words

Year R