

Parent and Carer Information:

Key Stage 1 Design and Technology (Ages 5 - 7)

This guide helps you to track the progress of your child as they develop through the subject of design and technology in years 1 and 2. During this time, children learn the key skills that form the basis of their design and technology education, including designing products and using tools as well as food and nutrition. Practising these skills at home can be a great way to boost your child's confidence and complement what they learn in the classroom. This guide outlines how you, as parents and carers, can best support your child's educational design technology journey, with an easy-to-follow flowchart of what they will learn and clear goals for you to work on together.

Click on each topic to head to the relevant category on the Twinkl website to find super resources to support your child.

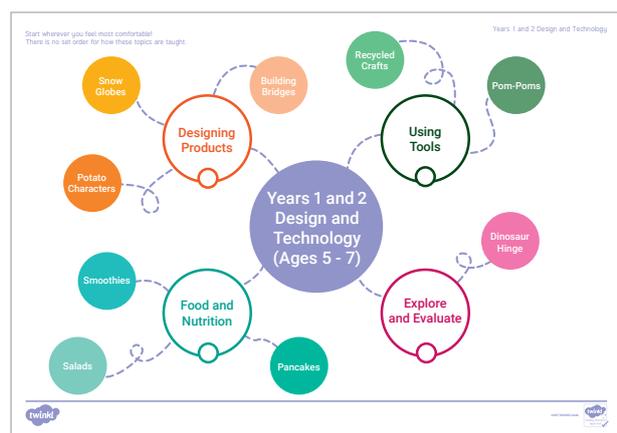


Alternatively, you can follow the web url www.twinkl.co.uk/resources/parents to get to the Twinkl Parents Hub.

We have also included handy tick boxes, so you can easily check off when you have covered each topic, and you can keep on track with your child's studies. You can also use the 'traffic light' system to record your child's confidence, and how they feel about the topic you have covered together.

Stick the other pages together to create a display poster for both you and your child to fill in. Complete with handy tick boxes, this chart is ideal for helping to support your child's studies from home.

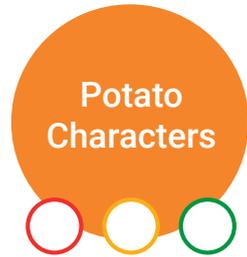
- I feel unsure about this.
- I feel okay about this.
- I feel confident about this!



We hope you find the information on our website and resources useful. The contents of this resource are for general, informational purposes only. This guide is intended to offer parents general guidance on what subject areas tend to be covered in their child's year group and where they could support their children at home. However, please be aware that every child is different and information can quickly become out of date. There are some subject areas that we have intentionally not covered due to the nature of how they are taught or because a trained professional needs to teach these areas. We try to ensure that the information in our resources is correct but every school teaches the national curriculum in its own way. If you would like further guidance or are unsure in any way, we recommend that you speak to your child's teacher or another suitably qualified professional.



Your child can design products for themselves and others based on guidance and they draw and model their ideas in different ways.



Encourage your child to use their creative and imaginative skills to design a potato character. Encouraging your child to produce several characters that will appeal to other members of their family and friends will allow them to make appropriate selections that meet their own needs and those of others.



Designing a bridge that your child can build offers great opportunities for a genuine practical activity. Children can be keen to build, but less likely to design, so make sure you have gathered together all the materials they can use before starting this design template.



Once your child is able to design simple things to meet their own needs or those of other people, it's a great time to try a proper design and make activity. This creative activity lets your child design a winter snow globe using simple equipment. Encourage them to think who the product is for and what colours and designs will be best for that person.



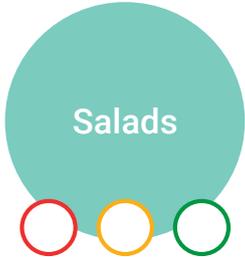
In cooking activities, children learn about the basic principles of a healthy and varied diet to prepare dishes and understand where food comes from.



We often fill pancakes with lemon and sugar for Shrove Tuesday. Talk to your child about whether this is a healthy option. Can they think of savoury alternatives? What about cheese and ham or a mix of vegetables? Talk about the options and what healthy versions they can make.



Try being a cooking superhero by talking about these three different superhero smoothie recipes. Discuss the ingredients in each. Which one would your child like to make? Which one is healthier? Enjoy the trip to the shops to select the ingredients and use this as a chance to discuss where the ingredients come from.



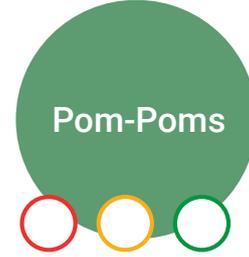
Salads

Your child can learn how to make a delicious Greek salad while practising their reading skills with this recipe reading task. It includes ingredients, equipment, steps and information about this famous dish. Encourage your child to shop with you to buy ingredients and vary them. What sort of leaves/lettuce should you buy? Do you like feta cheese? What other cheese might you pick? Can you add a vegetable to improve the salad?



Using Tools

Children use a range of tools with different materials and textiles.



Pom-Poms

Pom-poms are a great craft activity for younger children. Encourage your child to make them as gifts or as decorations for special occasions. Your child will enjoy selecting suitable colours for the recipients or events, such as Christmas. Making pom-poms can also help your child develop their fine motor coordination.



Recycled Crafts

A great way to encourage your child to use different materials is to work with items you can recycle. Making a recycled desk organiser encourages your child to use everyday materials and upcycle them to make a useful product. Consider linking this with an event, such as a birthday, so that your child can create a design that considers someone else's preferences.



Explore and Evaluate

Your child will learn to explore and evaluate a range of existing products and build their own structures. They will begin to explore how the products could be made stronger, stiffer and more stable and use mechanisms (such as levers, sliders, wheels and axles) in their products.



Dinosaur Hinge

You can help your child to develop and use design and technology skills by making this moving dinosaur model. Step-by-step instructions are included to help children to make this great card which could be used for birthdays or just for display as part of a topic about dinosaurs.

Explore and Discover More

Twinkl Go! is a digital platform, hosting interactive content such as videos, games, audiobooks and more. Twinkl Go! enables digital content to be streamed to your computer or mobile device.



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Go!



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Book Club

Twinkl Book Club is our book subscription service. Enjoy our original works of fiction in beautiful printed form, delivered to you each half-term and yours to keep!



Twinkl Boost is a range of intervention resources, created to support and lift learning with children at every level. These include our easy-to-use SATs and Phonics Screening resources.



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Boost



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imagine

Imagine resources are designed to help your children to think creatively, question and imagine. Every week, a new topic consisting of five photos, each with related activities, is created.



Twinkl Originals are engaging stories written to inspire pupils from EYFS to KS2. Designed to encourage a love of reading and help curriculum-wide learning through accompanying resources.



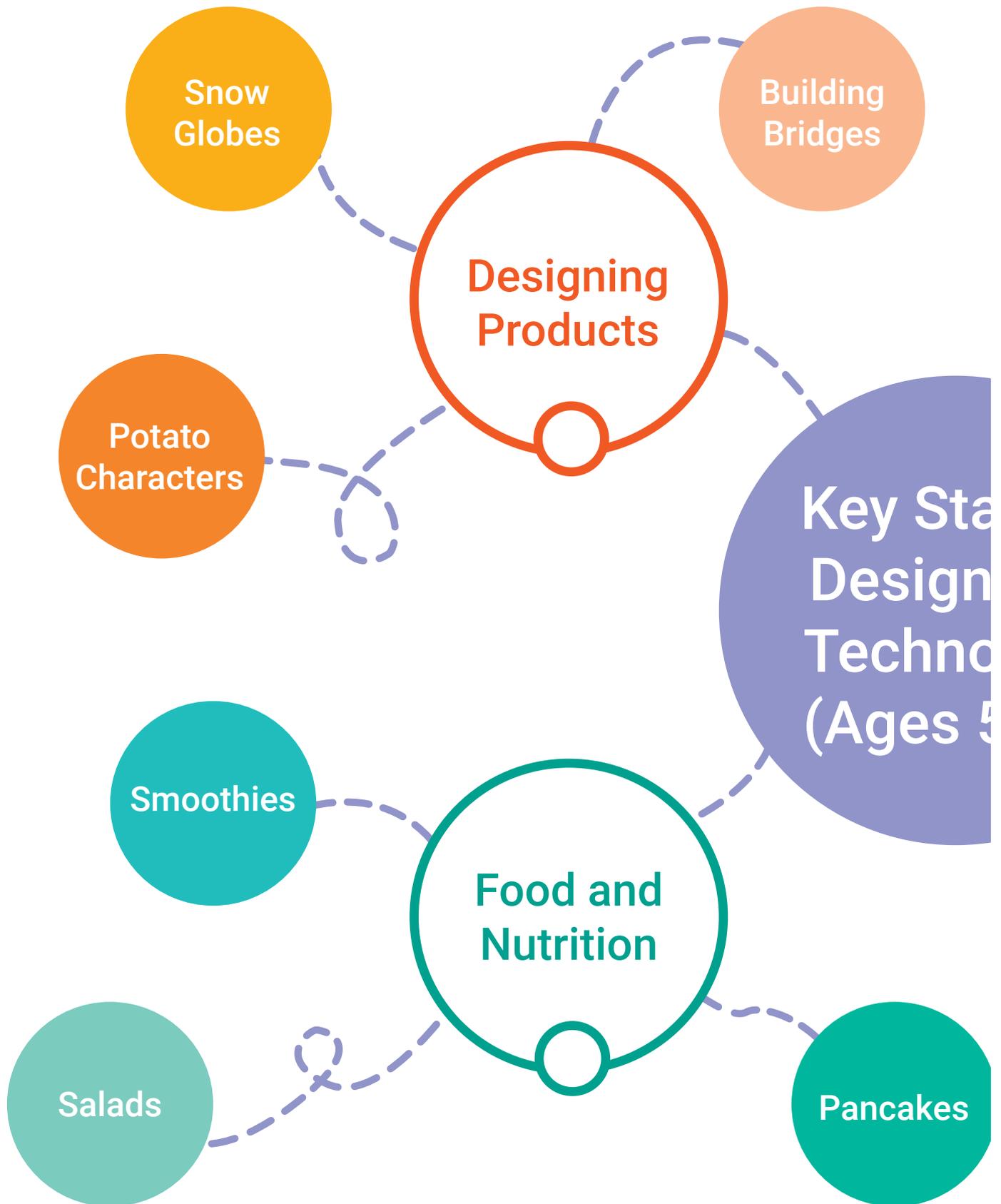
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ORIGINALS



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KIDS' TV

Twinkl Kids' TV is our wonderful YouTube channel dedicated to fun and informative video-style resources full of new and creative activities you can try at home!

Start wherever you feel most comfortable!
There is no set order for how these topics are taught.



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