

DESIGN AND TECHNOLOGY NEWSLETTER



ST BEDE'S PRIMARY
SCHOOL



AUTUMN TERM

OUR AIMS

AT ST BEDE'S, WE WANT CHILDREN TO USE CREATIVITY, PROBLEM SOLVING AND IMAGINATION TO DESIGN AND MAKE PRODUCTS THAT SOLVE REAL AND RELEVANT PROBLEMS. DESIGN AND TECHNOLOGY PROVIDES OPPORTUNITY FOR CREATIVE EXPRESSION AND PROBLEM-SOLVING WHICH ARE AN IMPORTANT PART OF THE PERSONAL DEVELOPMENT OF AN INDIVIDUAL.

OUR CURRICULUM THIS TERM

EYFS	In Early Years, children have been exploring, creating, and building confidence with tools and materials. Children develop fine motor skills and early design thinking through hands-on activities like cutting, joining, folding, and decorating
KS1	Cooking and Nutrition: A Smoothie
LKS2	Structures: CAD-Based Packaging
UKS2	Cooking and Nutrition: Yeast-Based Snack

Our youngest designers in **EYFS** have been busy creating festive mini wreaths using pipe cleaners! Twisting, bending, and decorating with pom poms, the children explored shape, texture, and colour while developing their fine motor skills. A joyful hands-on activity that brought plenty of sparkle and smiles to the classroom!



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WHAT HAS BEEN GOING ON?

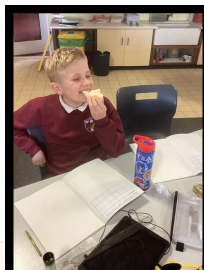
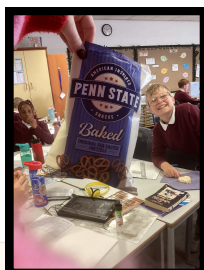
Year 1 and 2 have explored a rainbow of flavours as they tasted fruits, designed their own smoothies, and practised the bridge hold chopping technique like real chefs! They finished by evaluating their creations - celebrating successes and reflecting on challenges. A brilliant display of creativity, teamwork, and resilience!



In This term, children in **Years 3 and 4** began their new DT topic: Structures — CAD-based Packaging. They explored different shell structures, investigated materials, and carefully took apart packaging to identify the nets inside. Next, they'll design, make, and evaluate their own packaging for a food product - thinking about the product, user, and purpose. A brilliant start to real-world design thinking!



This term, **Year 5 and 6** have kicked off their exciting DT topic: Plaited Bread Products. In their first lesson, pupils sampled a variety of breads and evaluated their taste, texture, and appearance. They then moved on to designing their own plaited bread product, thoughtfully tailored for young people and families. A delicious blend of creativity, sensory exploration, and purposeful design!



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DESIGN AND TECHNOLOGY AT HOME



SCAN ME TO WATCH!

Take a look at these low-prep Christmas STEM ideas - perfect for some festive fun at home! Simple, creative, and full of learning opportunities to spark curiosity this season.

CHRISTMAS CRAFTS



Get creative this festive season by designing your very own Christmas light box at home!

All you need is a cardboard box, colouring pens or paints and a set of battery-powered fairy lights. Draw a winter scene, decorate it with festive colours and carefully poke small holes to let the light shine through.

It's a magical way to bring your artwork to life!



Add some winter STEM fun to your day by making a snowball catapult!

You'll need:

- ✧ Craft sticks
- ✧ Rubber bands
- ✧ A plastic spoon
- ✧ Soft pom-poms

Secure the sticks with rubber bands, attach the spoon and launch your pom-poms!

A great way to explore forces and motion while having festive fun.

We always love seeing the wonderful things you're doing at home! Feel free to bring in any work or send photos to our office email—we'd be delighted to share them. Thank you for your continued support.

Miss Oliver