**Creech St Michael C of E VC Primary School**

 **“Together we love and learn today, for a brighter tomorrow”**

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| **WHY THIS SUBJECT IS IMPORTANT IN OUR SCHOOL:**At our school we believe that Design and Technology (D&T) is an essential subject that fosters creativity, problem-solving, and practical skills. Our curriculum aims to inspire pupils to develop a love for designing, making, and evaluating a variety of products, preparing them for future learning and the wider world. Through hands-on experiences, we encourage children to be innovative, resilient, and reflective learners.Our D&T curriculum is designed to: * Provide a rich, engaging, and progressive learning experience for all pupils.
* Develop children’s technical knowledge and understanding of materials, structures, mechanisms, electrical systems, and food technology.
* Encourage problem-solving and teamwork through practical projects.
* Instil an appreciation of how design impacts the world around them.
 | **TEACHING, LEARNING AND ASSESSMENT**This progression ensures that pupils build strong foundation skills before moving onto more advanced making and design thinking tasks. As a school we use Kapow Primary as a scheme but adapt to the needs and interests of our pupils.A 2-year rolling programme ensures coverage and the development of skills: EYFS: * Exploration & Play
* Basic Construction
* Creativity
* Fine Motor Skills
* Discussion & Reflection
* Cooking and Nutrition

Key Stage 1 and 2 coverage: Design: * Idea development
* User needs
* Material Choices

Make: * Cutting & joining
* Using scissors glue, tape, split pins, and simple fasteners, shaping Materials, using Tools

Evaluate: * Reflecting on work
* Comparing products

Technical Knowledge* Structures
* Mechanisms
* Textiles:
* Cooking and Nutrition

We want every child at our school to love D&T, feel inspired, and see how design and technology shapes the world around us! |
| **WHAT IS THE IMPACT?**The impact of our D&T curriculum is measured by:* Pupils' ability to apply their learning to real-world contexts and problem-solving scenarios.
* The development of creativity, resilience, and independent thinking skills.
* Children’s confidence in designing, making, and evaluating products with increasing independence.
* High-quality work that demonstrates progression and mastery of skills over time.
* Pupil voice – children expressing enjoyment and enthusiasm for D&T.
* Assessment through teacher observations, pupil self-assessments, and portfolios of work.
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