**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. |