

SUBJECT ON A PAGE

At Blessed Robert, we believe that Design and Technology does not just stand alone, but links to key skills across the curriculum and prepares children for our rapidly changing world.



“For we are God’s handiwork, created in Christ Jesus to do good works, which God prepared in advance for us to do” Ephesians 2:10

INTENT - We aim to...

Pupils design and make purposeful products using imagination and problem-solving skills.

Children design, make and evaluate, developing resilience, independence and pride in their work.

Learning is rooted in faith, encouraging stewardship, responsibility and using talents for the common

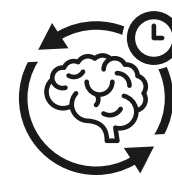
Pupils explore diverse designers and make links with maths, science, computing and art.

Cooking, nutrition and practical skills support healthy living and meet National Curriculum.

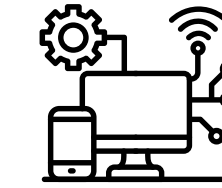
IMPLEMENTATION - How do we achieve our aims?



Learning follows the stages: design, make, evaluate and technical knowledge, with clear progression in skills.



Pupils create products for real purposes, considering the needs of others.



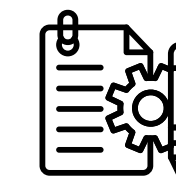
Learning includes: structures, mechanisms, electrical systems, digital world, textiles, cooking and nutrition.



Topics are revisited regularly with increasing complexity to strengthen knowledge and memory.



Pupils learn to think imaginatively, explain how things work and model their ideas.



Children learn to choose tools, materials and techniques safely and appropriately.



Pupils improve their work through designing, making and evaluating.



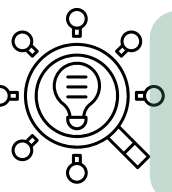
Lessons include whole-class teaching, group work, independent tasks and product evaluation using a range of materials and ICT.



The subject promotes stewardship, inclusion, dignity of the person and care for creation.



IMPLEMENTATION - (Continued)



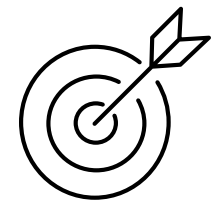
Regular retrieval, quizzes and end of topic assessments help secure long-term learning.



A low threshold, high ceiling approach provides challenge and support for pupils of all abilities.



*The curriculum is planned through long and medium term plans, supported by knowledge organisers, visits, visitors and outdoor learning, including Forest School.

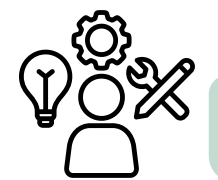


IMPACT - How will we know we achieved our aims?

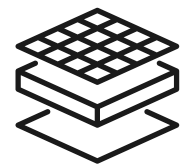
The impact of the curriculum is constantly monitored through formative assessment.

After being taught the D&T curriculum, children leave school equipped with a range of skills to enable them to success in their secondary education and be innovative, resourceful members of society.

The overall expected impact is that children will:



Build and apply a repertoire of skills, knowledge and understand to produce high quality, innovative outcomes.



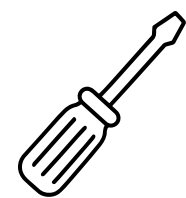
Understand the functional and aesthetic properties of a range of materials and resources.



Recognise where our decisions can impact the wider world.



Self-evaluate and reflect on learning at different stages and identify areas to improve.



Understand how to use and combine tools to carry out different processes for shaping, decorating and manufacturing products.



Have an appreciation for key individuals, inventions and events in history and of today that impact our world.



Understand and apply the principles of healthy eating, diets and recipes.