



Aston Rowant C+E Primary School

DT Policy

Vision: To be a community of courageous life-long learners, who are rooted in God, live out our Christian values and enjoy life in all its fullness. *(Col 2:1-7)*

Mission: Growing together, rooted in God and inspiring one another through our values and our broad enriched curriculum.

Strapline: Growing together, rooted in God, having fullness of life *(Col 2:1-7)*

Date of Policy: October 2025

Date of Policy review: October 2028

DT Lead: Mrs S Biggin

Date: 20th October 2025

Link Governor: Miss Z Batt

Date: 20th October 2025

1. Vision

At Aston Rowant, Design & Technology is a practical, creative and ambitious subject that enables pupils to solve real and relevant problems. Rooted in our Christian values - Gratitude, Resilience, Outreach, Wonder, Trust and Harmony - our DT curriculum equips pupils to become confident, responsible and innovative designers who can think critically, collaborate effectively and contribute positively to society.

2. Aims

Through our DT curriculum, we aim to ensure all pupils:

- Develop creative, technical and practical expertise to design and make high-quality products.
- Apply a clear design–make–evaluate cycle and understand this as a process for improving ideas.
- Work confidently with a wide range of materials, tools and components, including textiles, mechanisms, electrical systems and food.
- Understand how design impacts daily life, the community and the wider world.
- Build resilience, problem-solving skills and independence.
- Develop teamwork, communication and enterprise skills through Young Enterprise projects.
- Engage in a carefully structured, progressive curriculum, adapted for mixed-age classes through the Kapow Primary scheme.

3. Curriculum Intent

Our DT curriculum is designed to:

- Inspire curiosity and creativity through hands-on experiences.
- Provide clear progression in technical knowledge, vocabulary and skills.
- Make purposeful links to other subjects, including maths, science, art, computing and PSHE.
- Promote sustainability, user needs, and ethical decision-making.
- Reflect real-life contexts, encouraging pupils to consider the needs of different users.

- Prepare children for the next stage of education by equipping them with transferable skills such as critical thinking, collaboration and responsibility.

4. Curriculum Implementation

We follow the Kapow Primary Mixed-Age Design & Technology curriculum, ensuring consistency, coherence and high expectations across the school.

Implementation features:

- All units follow the design–make–evaluate model.
- Skills and knowledge progress year-on-year.
- Children work independently, collaboratively and reflectively.
- Teachers use modelling, scaffolding and questioning to deepen understanding.
- Cross-curricular links are made where purposeful.
- Health and safety are taught explicitly, with clear expectations around tool use.
- Young Enterprise projects allow pupils to apply DT, finance and marketing skills in real contexts, such as:
 - Designing, making and pricing products
 - Market research
 - Selling products at events
 - Calculating costs, revenue and profit

5. Inclusion

We are committed to enabling all pupils to access and succeed in DT by:

- Providing additional scaffolding and adapted tools where needed
- Using pre-teaching and modelling to build confidence
- Offering challenge tasks to deepen understanding
- Encouraging mixed-ability collaboration to support communication and teamwork

DT provides meaningful success for pupils with a wide range of abilities, as practical learning often widens access to achievement.

6. Assessment

Assessment is ongoing and includes:

- Observation of practical work
- Evaluation of finished products
- Pupil discussions and reflections
- Assessment against Kapow learning objectives
- Teacher judgement based on progression of skills and knowledge

End-of-unit assessments focus on designing, making, evaluating and applying technical knowledge.

7. Impact

By the end of their time at Aston Rowant, pupils will:

- Demonstrate secure practical and technical skills
- Apply iterative thinking to improve their ideas
- Show creativity, independence and problem-solving
- Understand how products influence and shape the world
- Work confidently with tools, materials and components
- Communicate ideas clearly
- Apply enterprise skills learned through Young Enterprise projects

DT contributes significantly to pupils' personal development, resilience and sense of capability.

8. Roles and Responsibilities

- DT Lead: oversees curriculum coherence, progression, resources, training and monitoring.
- Class teachers: deliver lessons, assess learning and ensure safety.
- Senior Leadership Team: monitor curriculum quality and pupil outcomes.
- Governors: review curriculum effectiveness and alignment with the school's Christian vision.

9. Health & Safety

- Children receive regular instruction on safe tool use.
- Tools and materials are stored safely.
- Adults supervise all practical activities carefully.
- Risk assessments are completed for food, tools and materials.

10. Review

This policy will be reviewed every two years or sooner if guidance or curriculum requirements change.