



St Mary's Catholic Primary School

Living and Learning Together – Shining in our Faith

Design Technology Curriculum Overview

Year Groups	Autumn Term	Spring Term	Summer Term
EYFS / Y1 Cycle A	Technical knowledge: Structures 3D models using recycled materials	Make: select from and use a wider range of materials and components, including, textiles Weaving	Technical knowledge: explore and use mechanisms Cars & Vehicles
EYFS / Y1 Cycle B	Technical knowledge: Structures 3D Models using building materials	Technical knowledge: explore and use mechanisms Pop ups	Cooking & Nutrition Here does food come from? Food tasting

Year Groups	Autumn Term	Spring Term	Summer Term
Y 2 / 3 Cycle A	Technical knowledge: Structures Towers – which is the best shape? How tall is your tower?	Make: select from and use a wider range of materials and components, including, textiles Puppets	Technical knowledge: explore and use mechanisms Moving pictures
Y 2 / 3 Cycle B	Engineering Paper planes – what is the best model?	Structures Kites	Cooking & Nutrition Food preparation Fruit Kebabs

Year Groups	Autumn Term	Spring Term	Summer Term
Y 4 / 5 / 6 Cycle A	Technical knowledge: Structures Building Bridges How strong are they?	Make: select from and use a wider range of materials and components, including, textiles Tote bags	Technical knowledge: understand and use electrical systems in their products Design a game

Y 4 / 5 / 6 Cycle B	Technical knowledge: explore and use mechanisms <i>Levers and pulley – how do they work?</i>	Technical knowledge: Structures <i>Build a marble maze</i>	Cooking & Nutrition <i>Fruit Smoothies – design / create / evaluate</i>
Y 4 / 5 / 6 Cycle C	Technical knowledge: understand and use electrical systems in their products <i>Floor Robots – how can they be programmed?</i>	Make: select from and use a wider range of materials and components, including, textiles <i>Felt toy</i>	Cooking & Nutrition <i>Healthy sandwiches – design / create / evaluate</i>