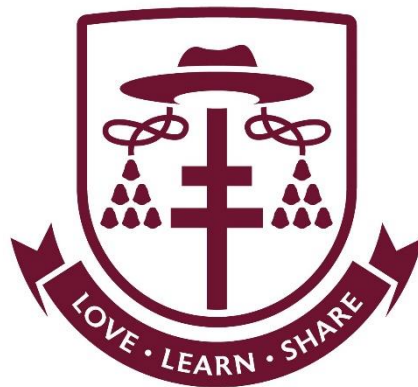


St Charles' VC Academy





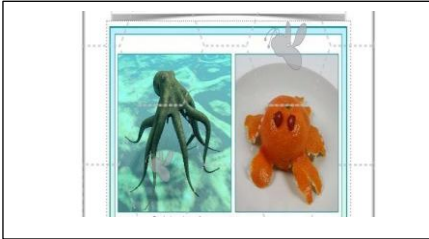
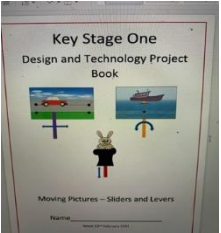


ST CHARLES'
VC ACADEMY







Design and Technology Long Term Plan and Skills Progression



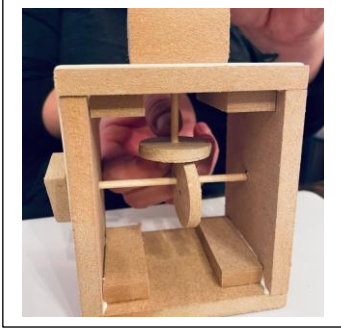


January 2021 review

Whole School Overview 2020-2021

Due to the 2021 national lockdown we will be teaching DT lessons as a blended approach, as schools are only open to vulnerable children and children of key worker parents, we have had to creatively to encourage engagement and continue the learning journey in DT. At St Charles we teach DT as a focus week each term. So in Spring 2021, there will be a DT focus in the remote learning offer. The long term plan will change slightly but all year groups will continue to work on the skills of explore, research, practice of skills (if possible) and designing, ready to make and evaluate when back in school. The missed units from the long term plan due to the third lockdown and bubble closures in the Autumn Term 2020 will be completed before the end of the academic year 2021.

Year Group	Autumn	Spring	Summer
EYFS	<p>Paper Make an owl puppet – Year A Make a boat – Year B</p>	<p>Food Gruffalo Crumble – Year A Make a fruit salad – Year B</p>	<p>Structures Minibeast Hotel - Year A Make a trap for the evil pea - Year B</p>
Year 1	<p>Textiles Card, cutting, recyclable materials Task – Design and make a recyclable card</p> 	<p>Mechanisms Wheels and Axels Task – Design and make Cars</p> 	<p>Cooking and Nutrition Preparing fruit and vegetables Task – Design and make a healthy seaside picnic</p> 
Year 2	<p>Mechanism Sliders and Levers Task -Design and make a picture with a pop up slider</p> 	<p>Structures Freestanding Structures Task- Design and make Home with Hinges</p> 	<p>Cooking and Nutrition Preparing fruit and vegetables Task – Design and make Healthy Pizza</p> 

Year Group	Autumn	Spring	Summer
Year 3	<p>Structures Structures – joining and strengthening Task – Design and make a photo frame</p> 	<p>Cooking and Nutrition Healthy and varied diet Task – Design and make Dips and Dippers/ Sandwiches</p> 	<p>Mechanical Systems Levers and Linkages Task – Design and make a monster with a moving part</p> 
Year 4	<p>Textiles 2D shapes to 3D products Task – Design and make Seasonal Stockings</p> 	<p>Electrical Systems Simple Circuits & Switches Task- Design and make a Nightlight torches</p> 	<p>Cooking and Nutrition Healthy and varied diet Task – Design and make Biscuits</p> 

Year Group	Autumn	Spring	Summer
Year 5	<p>Textiles Combining different fabric shapes Task – Design and make Funky Cushions</p> 	<p>Cooking and Nutrition Celebrating culture and seasonality Task – Design and make Plain Bread</p> 	<p>Mechanical systems Task – Design and make a toy with a moving CAM part</p> 
Year 6	<p>Structures Frame structures Task – Design and make a Bridges</p> 	<p>Cooking and Nutrition Celebrating Culture and Seasonality Task – Design and make Bread with topping</p> 	<p>Electrical Systems More Complex switches Task – Design and make a Car with an alarm</p> 