



Bradwell Village School



Design Technology Annual Overview March 2023

Autumn			
Year Three	Year Four	Year Five	Year Six
Levers and Linkages	Pneumatics	Frame Structures	Textiles - Combining different fabric shapes and other elements
<ul style="list-style-type: none"> • Make a pop-up device, using levers. 	<ul style="list-style-type: none"> • To make a working volcano using pneumatics 	<ul style="list-style-type: none"> • Make a frame structure for a Saxon settlement 	<ul style="list-style-type: none"> • Make a product using CAD as a design tool

Spring			
Year Three	Year Four	Year Five	Year Six
Structures-Shell structures using CAD	Textiles-2D shape to 3D product	Food – Celebrate cultural and seasonality	Cams
<ul style="list-style-type: none"> • Research, design and make protective packaging 	<ul style="list-style-type: none"> • Design and make a photo frame for their product • To design and make a textile product 	<ul style="list-style-type: none"> • Plan, prepare and evaluate food form other cultures 	<ul style="list-style-type: none"> • Design and make toy with a moving part

Summer			
Year Three	Year Four	Year Five	Year Six
Food - Healthy and Varied Diet	Electrical Systems	Levers and pulleys	Mechanical Systems- Pulleys or Gears using electrics
<ul style="list-style-type: none"> • Plan, prepare and evaluate wraps and sandwiches 	<ul style="list-style-type: none"> • Make a working object using simple circuits and switches 	<ul style="list-style-type: none"> • To design, make and evaluate a shaduf • Investigate the effect of cams on the lever 	<ul style="list-style-type: none"> • To make a powered vehicle