



## Long Term Overview for DT at Alexander Hosea Primary School

Year	Autumn Term	Spring Term	Summer Term
R	Using materials and tools	Techniques of joining to make recycled models (DT link) Food	Make things for stories - eg. beds for bears
Y1	Levers and sliders (Mechanisms)	Templates and joining techniques (Textiles)	Freestanding structures (Structures)
Y2	Preparing fruit and vegetables. (Food)		Wheels and axels (Mechanisms)
Y3	Shell structures using computer aided design (CAD) (Structures)	Simple programming and control (Electrical systems) Healthy and varied diet (Food)	Levers and linkages (Mechanical systems)
Y4	2D shape to 3D product (Textiles)	Shell structures (Structures)	Pneumatics (Mechanical Systems) Simple circuits and switches (Electrical systems)



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Y5	Pulleys or Gears (Mechanical systems)	Structures Frame structures	Combining different fabric shapes. (Textiles)
Y6	Celebrating culture and seasonality (Food)	More complex switched and circuits. (Electrical systems)	Cams (Mechanical systems)