CUSP DT Long term sequence	Block A	Block B	Block C	Block D	Block E	Block F
Year 1	Mechanisms	Structures	Food and Nutrition	Understanding Materials	Textiles	Food and Nutrition
Year 2	Textiles	Food and Nutrition	Mechanisms	Understanding Materials	Food and Nutrition	Structures
Year 3	Textiles	Food and Nutrition	Mechanisms	Food and Nutrition	Systems	Structures
Year 4	Food and Nutrition	Mechanisms	Textiles	Structures	Systems	Food and Nutrition
Year 5	Food and Nutrition	Systems	Textiles	Mechanisms	Structures	Food and Nutrition
Year 6	Food and Nutrition	Mechanisms	Food and Nutrition	Structures	Systems	Textiles

DESIGN & TECHNOLOGY

CUSP PRIMARY

CURRICULUM WITH UNITY SCHOOLS PARTNERSHIP

Year	Block A	Block B	Block C	Block D	Block E	Block F
1	**Core discipline:** Mechanisms **Key Concept:** Sliders and levers	**Core discipline:** Structures **Key Concept:** Freestanding structures	**Core discipline:** Food and Nutrition **Key Concept:**	**Core discipline:** Understanding Materials **Key Concept:** Selecting materials **CUSP link: Materials**	**Core discipline:** Textiles **Key Concept:** Joining techniques **CUSP link: Hot and cold places**	**Core discipline:** Food and Nutrition **Key Concept:**
2	**Core discipline:** Textiles **Key Concept:** Exploring shape using a template	**Core discipline:** Food and Nutrition **Key Concept:** **CUSP link: Animals, including humans (Keeping healthy)**	**Core discipline:** Mechanisms **Key Concept:** Axles and wheels	**Core discipline:** Understanding Materials **Key Concept:** Manipulating materials **CUSP link: Use of everyday materials**	**Core discipline:** Food and Nutrition **Key Concept:**	**Core discipline:** Structures **Key Concept:** Developing strength in structures
3	**Core discipline:** Textiles **Key Concept:** Stiffening and strengthening fabric	**Core discipline:** Food and Nutrition **Key Concept:** **CUSP link: Animals, including humans**	**Core discipline:** Mechanisms **Key Concept:** Levers and linkages **CUSP link: Forces and magnets**	**Core discipline:** Food and Nutrition **Key Concept:**	**Core discipline:** Systems **Key Concept:** How things are powered	**Core discipline:** Structures **Key Concept:** Spanning gaps
4	**Core discipline:** Food and Nutrition **Key Concept:**	**Core discipline:** Mechanisms **Key Concept:** Hinges	**Core discipline:** Textiles **Key Concept:** Fixings and fastenings	**Core discipline:** Structures **Key Concept:** Designing structures using a frame to make them stronger and sturdier	**Core discipline:** Electrical Systems **Key Concept:** Switches and circuits revisited **CUSP link: Electricity**	**Core discipline:** Food and Nutrition **Key Concept:** **CUSP link: Animals, including humans (Digestion)**
5	**Core discipline:** Food and Nutrition **Key Concept:**	**Core discipline:** Systems **Key Concept:** Greener power	**Core discipline:** Textiles **Key Concept:** Durability of fabric	**Core discipline:** Mechanisms **Key Concept:** Pulleys and gears **CUSP link: Forces**	**Core discipline:** Structures **Key Concept:** Developing structures that are fit for purpose and design	**Core discipline:** Food and Nutrition **Key Concept:** **CUSP link: World countries**
6	**Core discipline:** Food and Nutrition **Key Concept:**	**Core discipline:** Mechanisms **Key Concept:** Pulleys and gears	**Core discipline:** Food and Nutrition **Key Concept:**	**Core discipline:** Structures **Key Concept:** Designing structures revisited – combining skills and knowledge	**Core discipline:** Electrical Systems **Key Concept:** Complex switches and circuits **CUSP link: Electricity**	**Core discipline:** Textiles **Key Concept:** Sustainable materials

GREENFIELDS EDUCATION