St Peter's Catholic Primary School

CUSP DT Core Content:
Block E and Block F (Summer Term)

Year	Block E	Block F
1	**Core discipline:** Textiles **Key concept:** Joining techniques How can two squares of fabric keep you warm? CUSP link: Hot and cold places	**Core discipline:** Food and Nutrition **Key concept:** Vitamins in food Why are vegetables the best?
2	**Core discipline:** Food and Nutrition **Key concept:** Processed food How healthy is your food?	**Core discipline:** Structures **Key concept:** Developing strength in structures How strong is a piece of paper?
3	**Core discipline:** Systems **Key concept:** How things are powered How are things powered?	**Core discipline:** Structures **Key concept:** Spanning gaps What makes a bridge strong?
4	**Core discipline:** Electrical Systems **Key concept:** Switches and circuits revisited How useful are switches? CUSP link: Electricity	**Core discipline:** Food and Nutrition **Key concept:** Benefits of fresh food Is cheap food always worse for you? CUSP link: Animals, including humans
5	**Core discipline:** Structures **Key concept:** Developing structures that are fit for purpose How are frames strengthened, reinforced and made rigid?	**Core discipline:** Mechanisms **Key concept:** Pulleys and gears - transferring rotational force How can you lift a car onto a roof? CUSP link: Forces
6	**Core discipline:** Electrical Systems **Key concept:** Complex switches and circuits Can switches perform more than one function? CUSP link: Electricity	**Core discipline:** Textiles **Key concept:** Sustainable materials How can you reduce, recycle, repurpose?