













**CUSP DT Core Content:  
Block C and Block D (Spring Term)**

| Year | Block C  | Block D  |
|------|--|--|
| 1    | <p><b>Core discipline:</b><br/>Food and Nutrition</p>  <p><b>Key concept:</b><br/>Exploring food senses<br/>How does food affect your senses?<br/>CUSP link: Animals, including humans</p>                      | <p><b>Core discipline:</b><br/>Understanding Materials</p>  <p><b>Key concept:</b><br/>Selecting materials<br/>Can you build with bread?<br/>CUSP link: Everyday materials</p>                            |
| 2    | <p><b>Core discipline:</b><br/>Mechanisms</p>  <p><b>Key concept:</b><br/>Axles and wheels<br/>Are bigger wheels always better?</p>   | <p><b>Core discipline:</b><br/>Understanding Materials</p>  <p><b>Key concept:</b><br/>Manipulating materials<br/>How can you waterproof a hat?<br/>CUSP link: Uses of everyday materials</p>             |
| 3    | <p><b>Core discipline:</b><br/>Mechanisms</p>  <p><b>Key concept:</b><br/>Levers and linkages - mechanical advantage<br/>How can you do a lot of work with little effort?<br/>CUSP link: Forces and magnets</p> | <p><b>Core discipline:</b><br/>Food and Nutrition</p>  <p><b>Key concept:</b><br/>Food as medicine<br/>How does food affect your body and mind?<br/>CUSP link: Animals, including humans</p>              |
| 4    | <p><b>Core discipline:</b><br/>Textiles</p>  <p><b>Key concept:</b><br/>Fixings and fastenings<br/>How do you keep a tea towel from slipping off a hook?</p>  | <p><b>Core discipline:</b><br/>Structures</p>  <p><b>Key concept:</b><br/>Designing structures using a frame to make them stronger and sturdier<br/>Which shapes will give a structure stability?</p>   |
| 5    | <p><b>Core discipline:</b><br/>Textiles</p>  <p><b>Key concept:</b><br/>Durability of fabric<br/>Which fabric is ideal for creating a functional and hardwearing lunch bag?</p>                               | <p><b>Core discipline:</b><br/>Food and Nutrition</p>  <p><b>Key concept:</b><br/>Cultural influences on diet<br/>What can you learn from different cultures' diets?<br/>CUSP link: World countries</p> |
| 6    | <p><b>Core discipline:</b><br/>Food and Nutrition</p>  <p><b>Key concept:</b><br/>Food and mood<br/>Does food affect the way you feel?</p>  | <p><b>Core discipline:</b><br/>Structures</p>  <p><b>Key concept:</b><br/>Designing structures revisited - combining skills and knowledge<br/>How strong is a piece of spaghetti?</p>                   |