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| Year | Autumn Term | Spring Term | Summer Term |
| 1 | **Unit: Mechanisms**  Driver: How can we make a picture move?  Concept: To research, design, make and evaluate a moving Christmas card for a friend. | **Unit: Construction**  Driver: Design and make a seat for Billy, the Snowman and Snowdog.  Concept: To research, design, make and evaluate a chair that both Billy the snowman and the Snowdog can sit on. | **Unit: Textiles**  Driver: Can we design a beanstalk?  Concept: To research, design, make and evaluate a beanstalk to help Jack get up it. |
| 2 | **Unit: Moldable Materials**  Driver: Can we design our own bedroom door name signs?  Concept: To research, design, make and evaluate a sign using clay to hang on our bedroom doors. | **Unit: Cooking and Nutrition**  Driver: What shall we have in our sandwiches today?  Concept: To research, design, make and evaluate a sandwich for a picnic. | **Unit: Materials**  Driver: How will we float our boat?  Concept: To research, design, make and evaluate a boat that will float to use in a boat race. |
| 3 | **Unit: Mouldable Materials**  Driver: How can we design make and evaluate a small trinket container?  Concept: To research, design, make and evaluate a jewellery/trinket box for a Greek God | **Unit: Construction**  Driver: How can we shelter a Stone Age family?  Concept: To research, design, make and evaluate a shelter suitable for a Stone Age family | **Unit: Textiles**  Driver: How comfy is that cushion?  Concept: To research, design, make and evaluate a cushion for a Stone Age home |
| 4 | **Unit: Cooking and Nutrition**  Driver: What is your favourite kind of pizza?  Concept: To research, design, make and evaluate a pizza | **Unit: Mechanisms**  Driver: How can we catch a thief?  Concept: To research, design, make and evaluate an alarm system to catch a thief. | **Unit: Materials**  Driver: How can we transport our class pets safely across the river?  Concept: To design and make a boat/raft to transport an object safely down a river. |
| 5 | **Unit: Construction**  Driver:Can you make a nesting box for a Robin Redbreast? | **Unit: Textiles**  Driver: Can you design and make a textile hanging for a Space themed bedroom?  Concept: To research, design, make and evaluate a Space themed wall hanging | **Unit: Moldable materials**  Driver: Can you design and make a 3d map to show the features of a US state?  Concept: To research, design, make and evaluate a 3d map showing the features of a US state. |
| 6 | **Unit: Materials**  Driver: How can we conceal our identities at the Capulet Ball?  Concept: To design, make and evaluate a mask. | **Unit: Mechanisms**  Driver: How can we protect ourselves from The Vikings?  To design, make and evaluate an alarm.  Concept: To research, design, make and evaluate an alarm system to protect ourselves from a Viking invasion. | **Unit: Cooking and Nutrition**  Driver: Can we grow our own salad?  Concept: To research, design, plant and cultivate and evaluate ingredients for a summer salad. |