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Class 1	Autumn	Spring	Summer
Cycle A	<b>Technical Knowledge</b> <b>Textiles:</b> Felt Hand puppet  <b>Designer:</b> Daniel Byrne 'Puppets magic studio'	<b>Technical Knowledge</b> <b>Strong Structures:</b> Goldilocks chair  <b>Designer:</b> Brunel What is a structural engineer?	<b>Cooking and Nutrition</b> <b>Picnics:</b> Design a healthy teddy bears picnic  The history of picnics
Cycle B	<b>Technical Knowledge</b> <b>Stable Structures:</b> Castles, Tree Houses and Pet homes  <b>Design:</b> A closer look at Castle Drogo.	<b>Technical Knowledge</b> <b>Mechanisms:</b> Moving pictures  <b>Famous inventor of levers and pulleys:</b> Archimedes	<b>Cooking and Nutrition</b> <b>Cooking and using what we grow:</b> Where does our food come from?  <b>Local producer:</b> Riverford Organic Farm near Dartington, Devon.



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Class 2	Autumn	Spring	Summer
Cycle A	<b>Textiles</b> Can I use my skills to make a Batik bag or Tie Dye T-shirt?  <b>Designer:</b> Zak Syroka	<b>Cooking and nutrition</b> Can I prepare and cook a simple American dish?  <b>World food:</b> Indigenous American cooking	<b>Mechanisms and electricity</b> Can I design and make a light up sign box?  <b>Designer:</b> Georges Claude-Engineer
Cycle B	<b>Textiles</b> Can I make a Felt stocking?  <b>Designer:</b> Janice Arnold	<b>Structure:</b> Can I reinforce complex structures?  <b>British Inventors:</b> Can I understand how key events and individuals have shaped the world?	<b>Food and nutrition</b> Can I make a dish using seasonal food? Rainbow Food  Chef: Jamie Oliver



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Class 3	Autumn	Spring	Summer
Cycle A	<b>Cams and mechanical systems Automata Systems</b> - Design, make and evaluate  19 <sup>th</sup> century designer: Joseph Faber	<b>Textiles- Design, Make, Evaluate</b> - Felt Phone Cases  Felt designer: Mary Anne Williams	<b>Food and Nutrition</b> - Design Make and Evaluate - Grab and Go  Who invented the first Calzone?
Cycle B	<b>Food and nutrition- Serve a Salad</b> - Design, Make, Evaluate  Where did Salads originate from?	<b>Structures- 'Marvellous Structures'</b> - creating marble run structures  Designer: Tom Karen who invented Marble Run.	<b>Electrical and Mechanical systems - Fairground</b>  Designers of the Big Wheel/ London Eye: Julia Barfield and David Marks

