Y1

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| **Textiles: templates and joining techniques** | |
| Context: **Seasons and Weather/Everyday materials/Literacy context** | Possible ideas: **Design a warm/sun hat for a teddy/puppet making** |
| **Focus: Textiles – templates and joining techniques**   * Design a functional and appealing product for a chosen user and purpose. * Generate and communicate ideas – talking, drawings * Explore and evaluate existing textile products and their own ideas and products. * Use a range of textiles, tools and equipment to perform practical tasks. * Understand how 3d textile products are made. * Use templates to make 2 identical shapes. * Use a simple joining technique – running stitch   Image result for images a felt puppet made by a child | |

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| **Mechanisms – wheels and axles** | |
| Context: **Inventors** | Possible ideas: **invent a vehicle** |
| Focus: **Mechanisms – invent a vehicle using wheels and axles.**   * Generate ideas and simple design criteria. * Develop and communicate ideas through drawing and mock-ups * Select a range of tools and equipment and materials to perform practical tasks. * Explore wheels and axles and evaluate their ideas and products against their original criteria.   C:\Users\Perkinsg\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\71C10A95.tmp Image result for images of children's vehicle junk model making C:\Users\Perkinsg\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\B693BD70.tmp | |

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| **Food: preparing fruit and vegetables** | |
| Context: **Ourselves/July Jamboree Enterprise** | Possible ideas: **Fruit Kebabs** |
| * Focus: **Food – preparing fruit and vegetables**. * Food and nutrition – looking at a varied diet. * Generating ideas and communicate through talking, drawing * Select from a range of fruits. * Using simple equipment: peelers, chopping board, knives * Evaluating taste and preferences against original criteria. * Understanding where ingredients come from and that they are the basis of a healthy and varied diet.   C:\Users\Perkinsg\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\2035B4FE.tmp | |

Useful Resources:

* The Design and Technology Association website – some curriculum/skill information and free resources.
* Twinkl has some OK posters, Powerpoints and images to illustrate ideas.

Y2

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| **Structures: freestanding structures** | |
| Context: **Amazing Places and Spaces/Castles** | Possible ideas: **design bridges/castles** |
| Focus: **Structures – freestanding structures.**  **Objectives:**   * Generate design ideas – modelling, explaining using talk, mock-ups and drawings. * Exploring existing freestanding structures. * Planning, making, selecting tools and materials, using finishing techniques. * Know about strengthening structures – knowledge of vocabulary   C:\Users\Perkinsg\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\692C8CC1.tmp | |

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| **Mechanisms: Sliders and Levers** | |
| Context: **Animals/Plants** | Possible ideas: **Make animals with moving parts/plants that grow/books with moving parts** |
| Focus: **Mechanisms – sliders and levers**  **Objectives:**   * Generating, modelling and communicating ideas. * Planning, making, selecting tools and using finishing techniques. * Exploring books and products; evaluating own product against original criteria. * Exploring sliders and levers, understanding types of movement, technical vocabulary   C:\Users\Perkinsg\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\924FAD77.tmp C:\Users\Perkinsg\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\DC11AD9D.tmp | |

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| **Food: preparing fruit and vegetables** | |
| Context: **July Jamboree Enterprise** | Possible ideas: **Fruit or veg salads** |
| Focus: **Food – preparing fruit and vegetables**  **Objectives:**   * Food and nutrition – looking at a varied diet. * Designing an appealing product for a user * Investigating fruit and vegetables and generating ideas, talking, drawing * Selecting a range of fruit and vegetables; using simple equipment: peelers, chopping board, knives * Tasting and evaluating user’s preferences; evaluating ideas and finished products against original criteria * Understanding where ingredients come from and that they are the basis of a healthy and varied diet.   Image result for images healthy recipes with fruit and vegetables C:\Users\Perkinsg\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\B328F118.tmp C:\Users\Perkinsg\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\E2052EE6.tmp | |

Useful Resources:

* The Design and Technology Association website – some curriculum/skill information and free resources.
* Twinkl has some OK posters, Powerpoints and images to illustrate ideas.