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.

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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

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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

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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.