**Knowledge and Skills Map – Design Technology - Year 1**



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| **Developing, Planning and Communicating Ideas** | **Working with Tools, Equipment, Materials and Components to Make Products** | **Evaluating Processes and Products** |
| * Can they identify the key features of an existing product?
* Can they think of some ideas on their own?
* Can they plan an outcome through pictures with labels?
* Can they explain their ideas orally?
 | * Can they explain what they are making?
* Can they select the appropriate resources and tools?
* Can they explain which tools they are using and why?
* Can they use tools safely?
 | * Can they describe how their products works?
* Can they identify success and next steps?
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| **Mechanisms** | **Construction and Use of Materials** | **Textiles** |
| * Can they make a product which moves?
* Can they cut materials using scissors?
* Can they describe the materials using different words?
* Can they say why they have chosen moving parts?
 | * Can they arrange pieces of the construction before building?
* Can they make a structure/model using different materials?
 | * Can they group fabrics and threads by colour and texture?
* Can they weave a pattern?
* Can they identify when patterns are used in textile design?
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| **Greater Depth** |
| * Are children motivated and keen to develop their own ideas through selecting and using materials and working on processes that interest them?
* Does the child use initiative and is resourceful in finding support when they need help or information?
* Can they articulate the plans they have made to carry out activities and what they might change if they were to repeat them?
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