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| **Mechanisms** | **Use of Materials** | **Construction** | **Design Skills** |
| * Can they join materials together as part of a moving product?
* Can they add some kind of design to their product?
 | * Can they measure materials to use in a model or structure?
* Can they join material in different ways?
* Can they use joining, folding or rolling to make it stronger?
 | * Can they make sensible choices as to which material to use for their constructions?
* Can they develop their own ideas from initial starting points?
* Can they incorporate some type of movement into models?
* Can they consider how to improve their construction?
 | Developing, planning and communicating ideas | Working with tools, equipment, materials and components to make quality products | Evaluating processes and products |
| * Can they think of ideas and plan what to do next?
* Can they choose the best tools and materials? Can they give a reason why these are best? **Linked to spring 1 DT and history**.
* Can they describe their design by using pictures, diagrams, models and words?
 | * Can they join things (materials/ components) together in different ways?
 | * Can they explain what went well with their work?
* If they did it again, can they explain what they would improve?
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