|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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? |