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| **Goonhavern Primary School- Design Technology** |
| **TOPIC: Design Technology** | **YEAR: 2** | **STRAND: Mechanisms** |

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| **What should I know already?** | **What will I know by the end of the unit?** |
| * Design: That I can make a working model to practise my design.
* Design: How to draw a labeled diagram showing where the movement will take place.
* Make: How to cut accurately with scissors.
* Make: To select materials appropriate to the task in hand.
* Make: How to strengthen or stiffen materials.
* Evaluate: Tell you what was successful about my product and what I could do to further improve it.
* Describe simple mechanisms that are used in everyday products.
 | I know that I can join materials in different ways including: PVA glue, hot glue guns, glue stick, stapling and sticky tape.  |
| I know that mechanisms can be used to create different movements.  |
| Design: That I can make a working model of different mechanisms.  |
| Design: That I can create a list of materials that I need to make my product.  |
| Design: That I can hide my mechanism by layering card (or similar on top).  |
| Make: I can use scissors with a high degree of accuracy.  |
| Make: To select materials appropriate to the task in hand.  |
| Evaluate: How to improve a design after self evaluating.  |
| **School Values** |
| **Five Ways to Wellbeing** |

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|  | **Vocabulary**  |
| Mechanism  | A system of parts working together (in a machine) |
| Model | a thing used as an example to follow or imitate. |
| Label  | Gives information  |
| Diagram | A simplified drawing of a structure or workings of something  |
| Materials | Items needed to make the project |
| Pivot | the central point, pin, or shaft on which a mechanism turns |
| Dowell  | a pin fitting into a hole in an abutting piece to prevent motion or slipping |
| Slider | a knob or lever that is moved horizontally or vertically to control a variable, such as the volume of a radio. |
| Evaluate  | Reflect on positive aspects and ways to improve  |
| Input | Something that goes in  |
| Output | The product that comes out  |

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| **Image/diagram that helps me to articulate my knowledge/understanding**  | **Investigate!** |
|  | To create a moving picture that can be manipulated by a Nursery pupil, based on a chosen whole-class theme.  |