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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. |