Parsonage Farm Nursery and Infant School		
Year 1	Design and Technology – Mechanisms	Autumn 2

Knowledge

- Mechanisms are the part of something that makes it work.
- Mechanisms are all around us!
- Most objects that help us are made up of different mechanisms.
- Sliders and levers are mechanisms that make things move.
- Sliders help to move things from side to side and up and down.
- Levers make things move in a curve.
- Books can have moving parts in them such as levers, sliders, wheels and pop up parts which you can move in different directions.
- You can strengthen your mechanism so that it is robust. You can do this by using stronger, stiffer materials.





Safeguarding

- Follow teachers cutting instructions carefully.
- Tie back long hair.
- Hold scissors round the closed blades, facing down.

Prior Knowledge (Year R)

- Explain what they are making and the materials they are using.
- Select and name the tools needed.
- Begin to assemble, join and combine materials.
- Say what they like and dislike about what they have made

Skills

- Use scissors safely to cut out components.
- Join materials in different ways safely e.g. glue, tape, split pins
- Design a moving picture which includes mechanisms they have learnt how to make, following a design criteria.
- Make a mock-up of their design using paper, testing different mechanisms and joining techniques.
- Use a range of tools and equipment to perform practical tasks accurately. Select and use tools suitable for the task, explaining their choices
- Use simple finishing techniques suitable for the product they are creating
- Evaluate their finished product against the design criteria.

Key Vocabulary

- mechanism
- slider
- lever
- slot
- curve
- pivot
- design
- make
- evaluate
- join