



I have been exploring **Mechanisms** and I have learnt...

Stages of my mechanisms unit

I Don't Make Excuses

Investigate- We considered our design brief, and looked at existing sliders and levers in books and cards as well as those around our classroom such as levers on door handles and sliders on our trays.

- We thought about how sliders and levers work and practised assembling simple sliders and levers.

Design- Using sketches and labels, we designed different Christmas cards that included a slider or lever. From this, we chose the best design, which we based our final product on.

Make- As a team, we shared our ideas about what materials and tools we would need, and how we would realistically make the product.

-We made a Christmas card that included a moving part using a slider or lever.

Evaluate- We thought about our final product and our original design brief. We discussed what went well when we were making our product, and what we would improve if we were making another moving card.

Key Vocabulary

Pivot- a point or pin on which something turns.

Lever- a rigid bar that moves around a pivot.

Slider- a rigid bar that moves backwards and forwards along a straight line.

Slot- the hole through which a lever or slider is placed to enable part of a picture to move.

