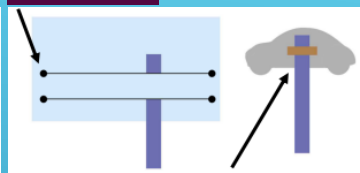


DT – Mechanisms – Sliders and Levers

Levers



Sliders

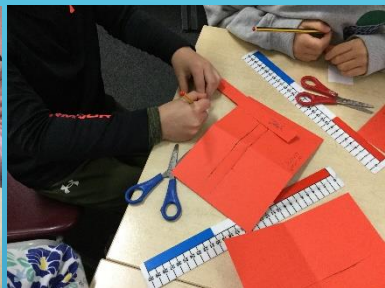


In DT this term, we looked at mechanisms called *sliders* and *levers*.

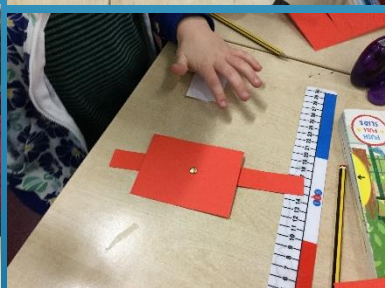
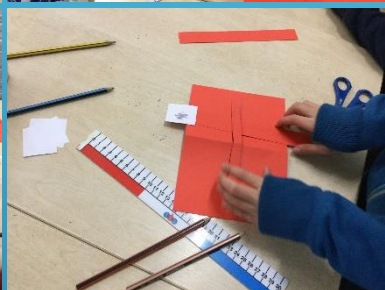
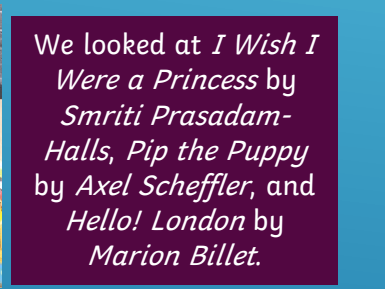
Some of our finished products.

We started by investigating different moving books, thinking about how the different mechanisms worked. We came up with some good ideas.

We looked at *I Wish I Were a Princess* by Smriti Prasad-Halls, *Pip the Puppy* by Axel Scheffler, and *Hello! London* by Marion Billet.



Finally, it was our turn to design and make our own *sliders* and *levers*. We decided to make moving Christmas cards that we could sell at the school fair. Our designs included Nativity scenes with moving stars or angels, houses where Santa moved up and down the chimney, towns with reindeer sliding across the sky, and even elves jumping to reach Christmas presents.



Once we learned these were called *sliders* and *levers*, it was our turn to tinker and make prototypes. We used **tools** like rulers, scissors, blutack and pencils, and **materials** like card, pencils and paper. For the **pivot** on our lever, we used paper fasteners. This joined the two pieces together, and allowed the **lever** to move like an **arc** over the page.

