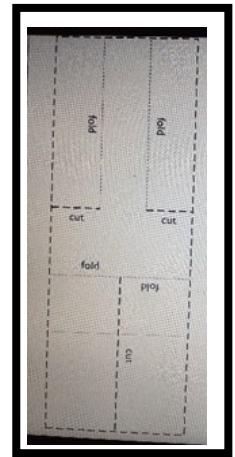


2ER AND THEIR HELICOPTERS

2ER made helicopters as part of our PUSH– PULL inquiry unit. We experimented with different height drops, different blade and tail lengths, different weights, and also different personal designs. We predicted what would happen and then tested, observed, evaluated and recorded.

We discovered that different helicopter designs changed:

- ⇒ How quickly or slowly the helicopters spun
- ⇒ How quickly or slowly the helicopters landed on the ground
- ⇒ How it spun (vertically, horizontally, it wobbled or it didn't spin at all)



We also discovered that :

- ◇ Gravity pulls the helicopter down.
- ◇ The greater surface area of the blades, the slower the helicopter lands on the ground as more air can push the blades up.
- ◇ It turned anti-clockwise.
- ◇ Shorter blades spin faster and longer blades spin slower.

2ER has really enjoyed our PUSH - PULL inquiry unit this term and has learnt a lot about the forces of push and pull of water and air in our lives and in our world.