

World Space Week 2020

Year 5 Space Week

We designed and made a lunar lander to protect an egg from being broken when dropped from 2 metres. We used a maximum of 5 sheets of A4 paper, 8 elastic bands and 40 cm of masking tape. Only Chloe and Xinle's egg didn't break (however, we did discover that they had used rather more than 8 elastic bands....!)

We made rockets from small water bottles, which we attached 3 felt tip pens to and decorated in groups of 3 or 4. We turned the bottles the right way up and added either 25, 50, 75 or 100 ml of malt vinegar. We then put a tea spoon of bicarbonate of soda into the bottle and sealed it with a cork. We turned the bottle upside down and after between 30 seconds and 2 minutes most of the rockets launched into the air on the playground. This happened due to a chemical reaction between the vinegar and bicarbonate of soda, which created gas (bubbles) which then forced the cork out of the bottle. Some of them went very high!

