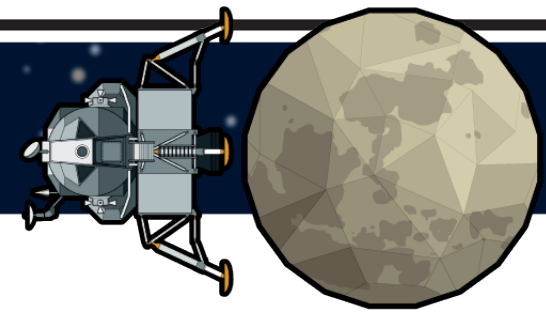






2.2 IMPACTS AND CRATERS



Today you are going to investigate craters and how they are made. You will do this by dropping balls from different heights onto a flour and cocoa Moon surface.

YOU WILL NEED

-  1 tray of flour
-  1 cup of cocoa powder
-  Tea strainer
-  Marble/ball bearing

Listen to your teacher demonstrate the experiment that you are going to do.



PREDICTION

Pick the prediction that you agree with from below by ticking the box.

I think the crater will stay the same size when I drop the ball from all heights.

I think the crater will be smaller when I drop the ball from a bigger height.

I think the crater will be bigger when I drop the ball from a bigger height.

RESULTS

Below, draw how the crater sizes compared going from lowest height to biggest height.

Which height created the biggest craters?