



To celebrate the DVD release of **Fly Me To The Moon 3D** on 26 January, Momentum Pictures has put together a quick and easy guide for making a bottle rocket. Now join in the fun and make your rocket fly to the moon!

### What you need:

- 2 litre fizzy drinks bottle
- Wrapping paper (optional)
- Water based paint (optional)
- Glue (white glue or wood glue)
- Sellotape
- Heavy Cardboard
- Scissors
- Compass or disc
- Cork
- 1 litre fizzy drink
- Bicarbonate soda



### How to make the fins:

- 4 Draw four rectangular triangles on heavy cardboard.
- 5 Cut out the design using scissors.
- 6 Fold the border of the triangles and attach the fins to the body of the rocket using glue or sellotape. For the best results the fins should be equally spaced and align with the length of the bottle. Remember to leave room at the bottom of the rocket so the fins will not get in the way when launching the rocket.



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### Step-by-step guide:

#### How to make the body of the rocket:

- 1 Empty the fizzy drinks bottle and turn it upside down as shown in the diagram.
- 2 Decorate your rocket using either water based paint or by covering the bottle in decorative wrapping paper. By drawing/using space themed images you can even give it a Fly Me To The Moon theme!
- 3 If using wrapping paper, attach this using either glue or sellotape.



### How to make the nose cone:

- 7 Draw a semicircle on a piece of heavy cardboard using either a disc or compass as a guide.
- 8 Cut the semicircle out using scissors and make a cone that fits the fizzy drinks bottle.
- 9 Put some modelling clay in the top of the cone so that the rocket will flip over when it starts to fall.
- 10 Attach the cone to the fizzy drinks bottle using sellotape.

### How to make the rocket fly:

- 11 Fill the fizzy drinks bottle with pop
- 12 Add bicarbonate soda
- 13 Loosely place a cork in the end of the soda bottle and watch the rocket fly to the moon!

