

Recycled Bottle Rockets

1. Get at least one plastic soda or water bottle. Try to get one with a big lip. See fig. 1.



fig 1.

2. If you get more than one bottle attach them to each other to create a longer rocket. See fig.2 Try to make it straight.



fig. 2

3. Get some stiff, coated cardboard. Milk carton type works well. At least two pieces, four is better. See fig 3.

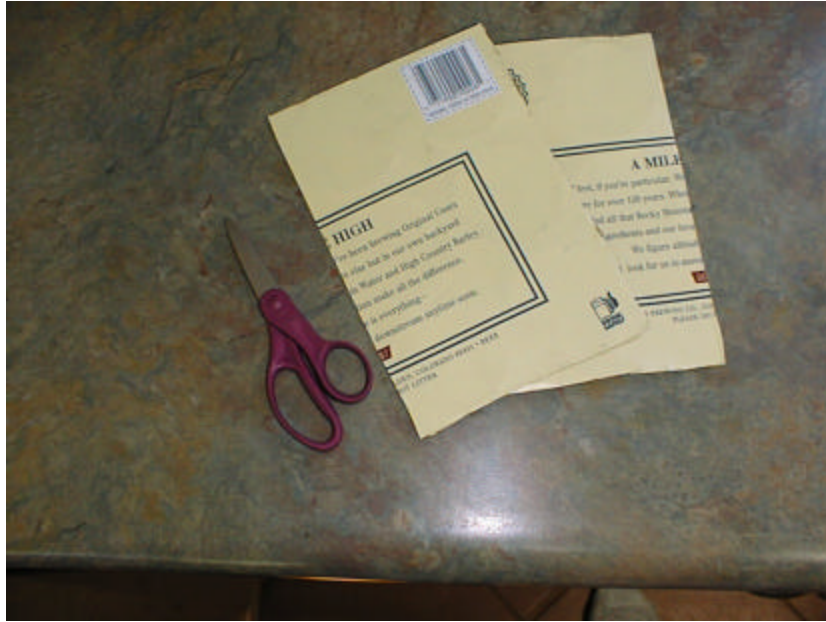


fig 3.

4. Fold in half. Fig 4.



fig 4.

5. Fold a corner to the fold. Fig. 5.



fig 5.

6. Repeat on other side and on other pieces. Fig. 6.



fig 6.

7. Secure bottom edge with a piece of tape. Fig 7.



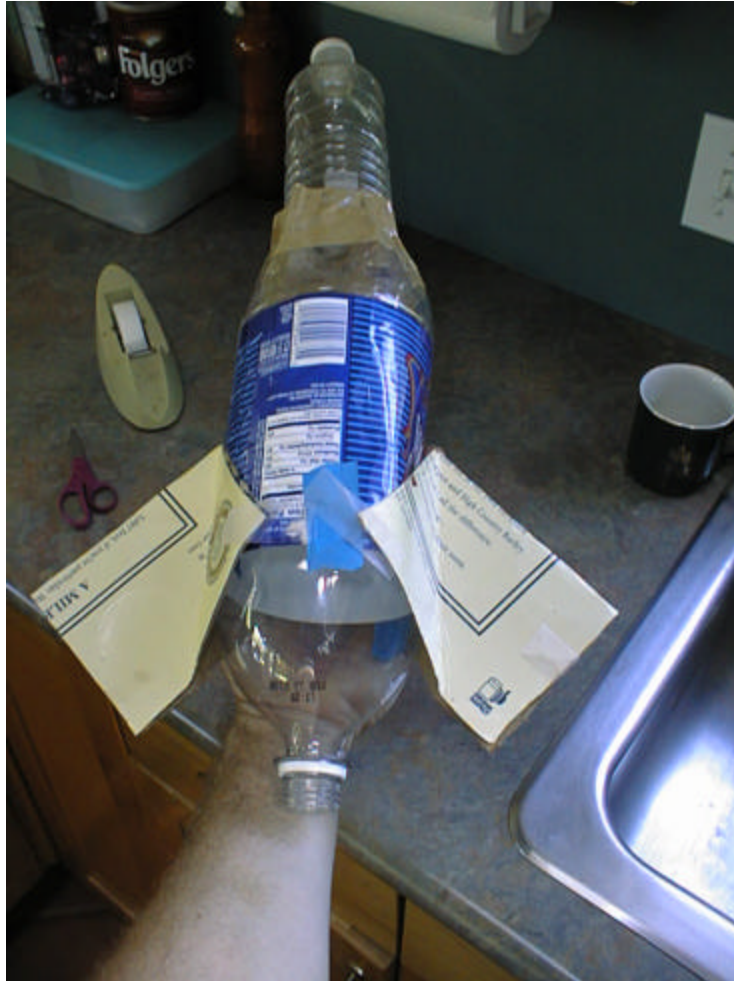
fig 7

8. Attach fins to base of bottle. The open edge with the tape should be towards the mouth of the bottle. Fig. 8.



fig 8

9. Attach other fins equal distances from each other and you're ready to launch. Fig 9. Four fins are better than two.



These are just basic guidelines for making a rocket. You can do much better than this. Experiment! Decorate! Use more fins. Make it longer. Add a nose cone or a parachute.