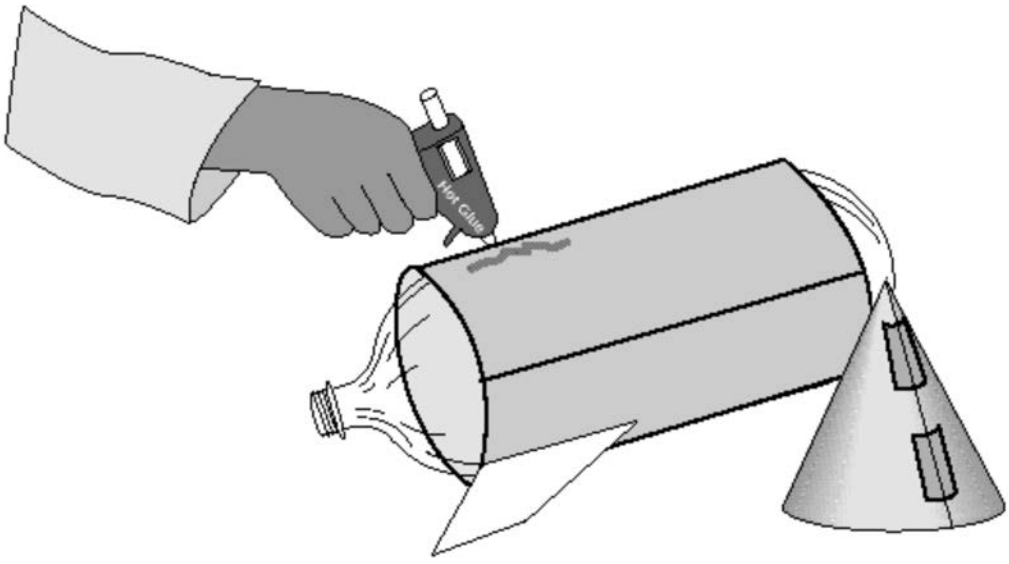
BUILDING A WATER ROCKET

Materials Required:

- One-litre soft-drink bottles with caps,
- Construction paper,
- Tape,
- Glue,
- Drill and bits, and
- Putty or modelling clay.

Hints For Construction:

- Do not allow glue to touch the plastic bottle as this may weaken the plastic and cause failure.
- Wrap and tape a tube of poster-board around the bottle.
- Cut out several fins of any shape and glue them to the tube.
- Form a nose cone and hold it together with tape or glue.
- Press a wad of modeling clay into the top of the nose cone for stability, if required.
- Tape the nose cone to upper end of bottle.
- Decorate your rocket.



"Rockets: A Teacher's Guide with Activities in Science, Mathematics, and Technology", by NASA, 2003, Bottle Rocket Launcher. Retrieved April 12, 2008, from http://www.nasa.gov/audience/foreducators/topnav/materials/listbytype/Bottle_Rocket_Launcher.html

Figure Y-1 Building a Water Rocket

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