

Make a Turbine

You will need:

- an empty juice carton
- a sharp pencil
- a ball of modelling clay
- masking tape
- jug of water
- string

Method

1. Place the ball of modelling clay under a corner of the carton.
2. Put the pencil inside the carton and push a hole into the corner, through to the modelling clay.
3. Repeat for the other three corners.
4. Place masking tape over the holes at the bottom.
5. Fasten the top together with tape and leave the pourer open.
6. Make a hole in the top of the carton along the ridge, then tie the string through so the carton can hang.
7. Hang the carton outside where the ground can get wet.
8. Pour water into the carton through the pourer.
9. Remove the tape from one corner. Observe and record what happens using the Turbine Recording Sheet.
10. Remove the tape from two opposite corners. Observe and record what happens.
11. Remove the tape from all four corners. Observe and record what happens.

