

# T is for Turbine



Meridian.

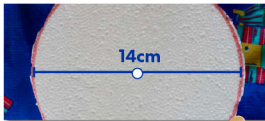
## What you will need.

- Polystyrene (we used recycled cooler boxes)
- Wooden spoons (or recycled)
- Wooden skewers
- Cellotape, duct or electrical tape
- A big waterproof bin
- Some water and jugs or containers to pour from
- A glue gun (optional)



## Step one.

Take some polystyrene and cut a circle about this size. Mark the centre.



## Step two.

Poke your spoons into the polystyrene around the edges.



## Step three.

Ask the teacher to hot glue gun around the spoons to ensure they stay in the polystyrene. (This step is not always necessary if the spoons are easy to push in and stay in the polystyrene well.)

## Step four.

Stick together two skewers with sellotape and push through the middle of the polystyrene. Then push the third skewer through the middle as well and position in the middle.

Cellotape either end of the third skewer to the other skewers (the third skewer is for strengthening). (Make sure you have your skewer very close to the centre or the exact centre as it will not spin if it's off to one side.)



## Step five.

When pouring the water aim for the curved part of the spoon as this will enable the wheel to spin better.

## What happens?

