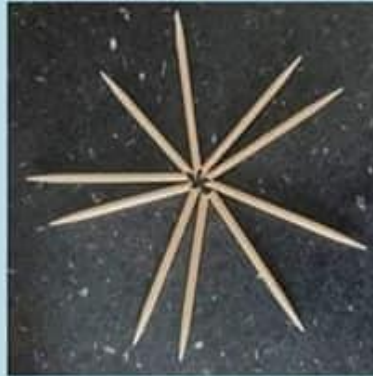


# Transforming Star

## You will need:

- 5 cocktail sticks
- Straw/pipette
- Water



1. Break your cocktail sticks in half without snapping them in two.
2. Arrange your cocktail sticks into a 10 point star with the centres touching.
3. Submerge your straw in water then place your thumb on the end to lift up some of the water (or use a pipette). Carefully put a few drops of water into the centre of the cocktail sticks.
4. Watch as your star begins to move!



## THE SCIENCE

Cocktail sticks are made of dry wood. When dry wood absorbs water, the bent wood fibres expand and unbend. As the cocktail sticks straighten out, they push against one another opening up the inside of the star.



@MrsBpriSTEM