

Matches star formed by turgor pressure.

Material:



- Five matches,
- Spoon
- A little bit of water.

Instruction:

1. Fold each match in half, but don't break,
2. Put a match to touch the bend points,



3. Now pour with spoon a few drops of water between points bends matches,



Explanation:



Matches are made of wood, which is made from plant cells. Bending a match trample these cells. When you add water to bend a match, it will fill the crushed cells, and will exert pressure on them. Matches will be partial restore to normal shape. Plants use this pressure to transport the water.