

# **BLOW BUBBLES THROUGH A TREE SLICE !**

**Materials:** ~small tree slice ~ 1/8" thick (you can cut your own - Tulip Poplar branch works best; Oriental Trading sells them in bulk)

~liquid dish soap

~water

- Directions:**
1. Put a couple drops of liquid dish soap on one side of the tree slice
  2. Add water to the soap and smear with finger to cover the tree slice
  3. Press your mouth to the side of the tree slice without the soap and blow.....hard!

*How do you think you are able to blow bubbles through a tree slice?*

Remember that the xylem, phloem, and cambium are made up of individual cells that are connected and pass water, food, and nutrients to all parts of the tree. The cells of a living tree would be filled with fluid. When the tree slice dries out there is pockets of air in the cells that you can blow air through!