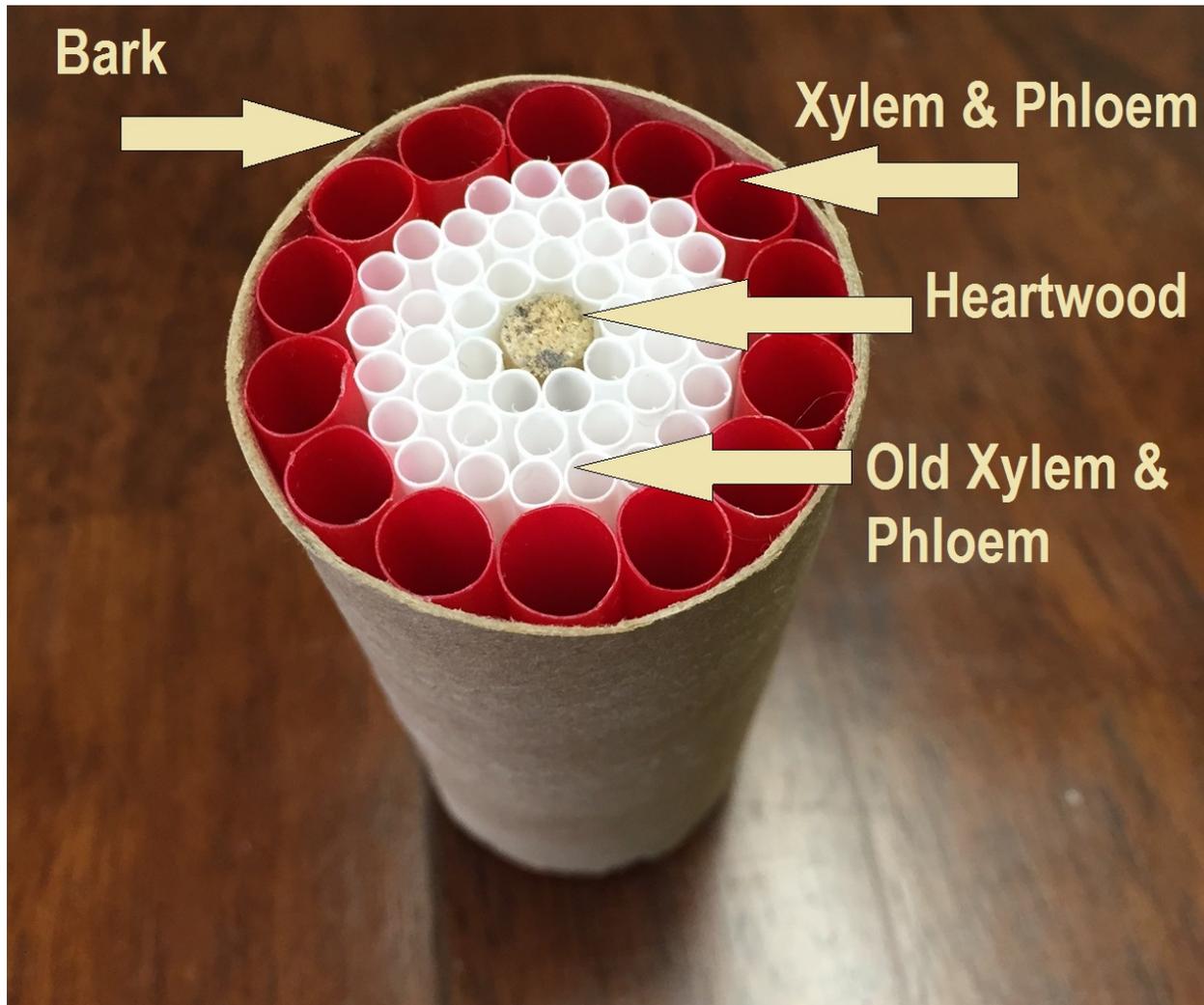


## Tree Cross Section Visual Aide



This is an easy-to-make visual aide to help students understand the inner parts of a tree. This model shows how the bark protects the cambium layer and the xylem and phloem transports water and food.

### Material List

- 1 toilet tissue tube or ½ of a paper towel roll
- ¼-inch wooden dowel cut to 4 inch length (length of tissue roll)
- 14 plastic drinking straws cut to 4-inch lengths
- 45 plastic coffee stirrers cut to 4-inch lengths
- 1 rubber band



### Instructions

1. Cut the  $\frac{1}{4}$ -inch dowel into a 4-inch section; the length of your toilet tissue tube or paper towel roll
2. Cut the plastic drinking straws into 4-inch pieces
3. Cut the plastic coffee stirrers into 4-inch lengths
4. Grip the coffee stirrers in your hand
5. Wrap rubber band around the coffee stirrers
6. Insert the wooden dowel into center of the coffee stirrers
7. Place the drinking straws on the outside layer of the coffee stirrers
8. Slide the toilet tissue tube over the straws/stirrers
9. Make adjustments where needed to get the appropriate look