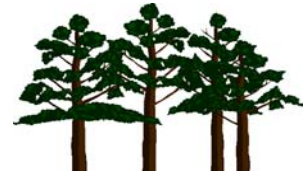




Can you see the forest for the trees? Test your wood wisdom!





- Plants keep us healthy! How much of our medicine comes directly from plant extracts?**
 - 10%
 - 25%
 - 30%
 - 75%
- Why do you think that Aristotle, the Greek philosopher, sometimes chewed on willow twigs?**
 - He liked the taste of wood.
 - It had nutritive value.
 - It relieved his headache.
 - To avoid drooling on his shirt.
- A plant extract that many people claim improves circulation and memory comes from the leaves of which tree?**
 - Pine
 - Ginkgo
 - Hemlock
 - Elm
 - I forgot!
- Turpentine and its essential oils come from which sticky wood?**
 - Birches
 - Elms
 - Magnolias
 - Pines
 - I'm stuck!
- We use wood for many different reasons. What is not a good use for wood?**
 - Fuel for burning
 - Building
 - Insulation
 - Bending
 - Molding
- All types of wood will float in water.**
 - True
 - False
- Historical Polynesians chose a high density wood to build boats while the Amazonians used a low density wood. Why do you think the Polynesians chose a high density wood?**
 - Better flotation
 - Stronger boat
 - Easier to chisel during construction
 - Nicer appearance
- Which of the following plant materials is suitable for papermaking?**
 - Wheat straw
 - Hemp
 - Bamboo
 - All of these
- The fibers in paper are visible with the human eye.**
 - True
 - False
- How much paper does the United States recycle?**
 - 15%
 - 25%
 - 45%
 - 75%



“Pining” for the right answer?

Size up your answers to our leafy questions!

1. About **25%** of all modern medicines still come directly from plant materials! This shows how important plants are to us and why we need to maintain biodiversity in our forests.
2. Aristotle found that he **could relieve his headache** by chewing on the branches of black willow. The wood and bark contain salicylic acid, used in modern aspirin, the great pain reliever.
3. Many believe that **Ginkgo** leaf extracts improve circulation, blood flow, and memory so don't forget!
4. A **Pine** tree can contain up to 8% of its weight in essential oils found in turpentine. These essential oils also are in some cough medicines and perfume scents such as lemon, rose and lily-of-the-valley.
5. Although wood can be bent to some extent by steaming, we can't **mold** it.
6. **False.** Some woods, such as Lignumvitae, are heavier than water so they will sink. Also, water will saturate wood after it is submerged for a long time. Then it will sink. Now we are mining some of these log “sinkers” from the bottom of Lake Superior.
7. Polynesians vessels were made of high density wood because they had to be **strong** to endure the heavy stress of ocean voyages. The Amazonians usually use their canoes for river trips where a weaker vessel works well. They are more concerned with ease of chiseling during construction and select a lower density wood for that reason.
8. You can make paper from **all of the listed plant materials** as well as practically any other plant material. However, many plants have very short fibers resulting in fragile paper.
9. **True.** If you tear a sheet of paper and hold it up to the light, you can see the fibers sticking out at the torn edge. They are about 3-6 mm in length and make paper strong.
10. In this country, we recycle **45%** of our paper, much more than in 1975 when we recycled only 25%. Countries that don't have much fiber, such as Japan and the Netherlands, recycle up to 60% of their paper! We still have a long way to go!

Did we “stump” you? Be“leaf” It!				
Number Correct	10	7-9	4-6	0-3
	Top Ranger! 	Lumberjack 	Out on a limb 	Lost in the woods 

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