

DAY 46

REVIEW

- ① **Tree Growth** What are the three main parts of a tree? What do each do? What is photosynthesis? What does a tree need to grow? What do trees give off as a result?
- ② **Cell Structure** What is a hardwood? What is a softwood? What is the difference at the cell level? What do wood cells resemble? Where is the live part of the cell structure? Name some hardwood trees. Name some softwood trees.
- ③ **Lumber Production** What are the first four operations in producing lumber before a tree goes to the sawmill? What happens in the sawmill?
- ④ **Drying Wood** Why must wood be dry before it can be used? What are the two ways of drying wood? What method is used most often and why?
- ⑤ **The Strength of wood** Why do we say wood is resilient? What kind of stress does sports equipment go through? Construction lumber? Furniture? Wooden bridges?
- ⑥ **Defects & Blemishes** What is a defect? What is a blemish?
- ⑦ **Other Properties** What other important properties does wood have?

WHY USE WOOD ANYWAY?

Wood is alive, it is abundant, it grows almost anywhere, it is relatively inexpensive, it can be easily worked with readily available hand tools with a minimum of effort, it is recyclable, and has a beauty that speaks for itself.

WHAT ABOUT THE FUTURE OF WOOD?

Forestry stocks are diminishing and the size and age of trees are decreasing year to year. This important resource must be protected through reforestation and conservation programs that will ensure the supply of wood for future generations.