

### Multiple Choice:

1. The part that allows trees to breathe, release oxygen and moisture and to manufacture food is called:  
a) bark                      b) needle / leaf                      c) root
2. The age of a tree can be decided by counting:  
a) growth rings                      b) measuring height                      c) measuring diameter
3. How a tree interacted with its' environment can be told by looking at:  
a) branches                      b) roots                      c) the layers / growth rings
4. The oldest part of the tree is:  
a) the bark                      b) the cambium                      c) the heartwood
5. Straw-like tubes that transport or carry water and minerals from the roots to the rest of the tree are called:  
a) sapwood/xylem                      b) phloem                      c)cambium
6. Color your picture on the last page of your booklet:

heartwood - red  
sapwood - blue  
cambium cell layer - yellow  
inner bark - green  
outer bark - brown

### Bonus Question:

If you put a nail in a tree one meter from the ground and the tree grows 3 meters taller over the next 5 years, where will the nail be? Why?