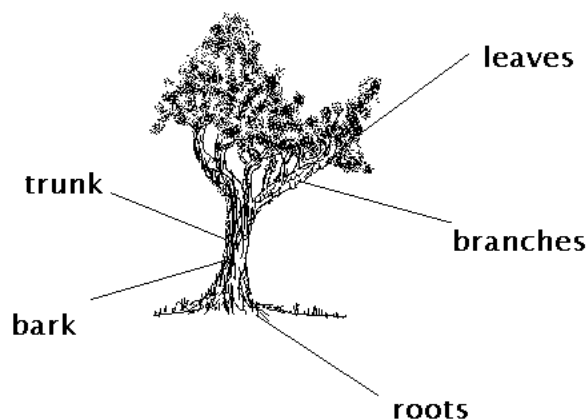


Teacher's Note



Cortex : External layer known as bark and internal layer of blast fibres carry food down.

Cambium layer : The moist layer of developing cells below the blast fibres or bark.

Sapwood : The outer layers of wood, which are growing and maturing , also carrying minerals and water up to the crown.

Heartwood : The central core of usually dark wood or mature wood.

Phloem : The tissue that conducts synthesized food to all parts of the tree

Medulla : The central part of trunk and branches, pith or core.

Xylem : The tissue that conducts water and mineral salts from the roots to all other parts, provides mechanical support and forms the wood of the tree.

Stomata : The pores that control passage of gases in and out of the leaves

Suggested Activities:

- ❖ Visit a timber mill or furniture factory to show the students how timber is used or inquire at your local museum regarding any relevant displays.

❖ Visit: <http://www.calm.gov.au/forest-facts/index.html>

Learning area: Sci. **Strands:** IS, LL. **Substrands:** IS1,2,3,4. **Overarching:** 1,2,3,4,5,6,7,8,10. **Linking learning area:** Eng.