

Science - Grade 6
Trees and Forests Unit Project
/437 pts

1. Create a cover page using real materials from trees and the forest. (20 pts)
2. Obtain and label/identify 25 rubbings of things found in the forest. (50 pts)
3. Design a structure of your choice using materials from the forest (bark, leaves, twigs, etc.) (75 pts)
4. Create a leaf collage using a minimum of 5 different kinds of leaves. (20 pts)
5. Find or write a song about trees or the forest - if finding a song, obtain a copy of the words. (10 pts)
6. Design a PowerPoint Presentation using a bible verse that illustrates nature. Minimum 5 slides. (50pts)
7. Identify/list 10 reasons why trees and forests are important to living things and human needs. (10 pts)
8. Identify 4 trees found in the local area and provide a detailed description of each tree. (20 pts)

9. Describe and classify leaf shapes, leaf arrangements, branching patterns and the overall form of a tree. (30 pts)
10. Describe kinds of plants and animals found living on, under and among trees; and identify how trees affect and are affected by those living things. (20 pts)
11. Identify human actions that enhance or threaten the existence of forests. (10 pts)
12. What can you do to protect the forest? (5 pts)
13. How can you determine the age of a tree? (2 pts)
14. Find a tree that has been cut down and determine its age.
15. Locate scars that separate old and new growth. Draw a diagram to represent your findings. (10 pts)
16. Research to describe the role of trees in nutrient cycles and in the production of oxygen. (30 pts)
17. Identify general characteristics that distinguish trees from other plants, and characteristics that distinguish deciduous from coniferous trees. Include illustrations. (15 pts)

18. Find and copy 5 Bible texts that refer to trees and/or forests. (25 pts)

19. Write a two-page journal reflecting what you have learned throughout this unit and how it relates to your life as a Christian. Consider how nature impacts your walk with Christ. (30 pts)