

Completed (40 possible)	_____
Accuracy of answers (30 possible)	_____
Appropriate grammar (15 possible)	_____
Neatness of record (15 possible)	_____
Total	_____
A = 86-100 points	
B = 71-85 points	
C = 70 points or less	



4-H Forestry – Intermediate (Grades 6-8) Record Sheet

Record for Year _____

A completed record sheet is due by the last business day of May to exhibit each project at the fair.
Use any 4-H publications, the internet, the library, or a professional to help you prepare your responses.

The Basics

Name _____ 4-H Club _____

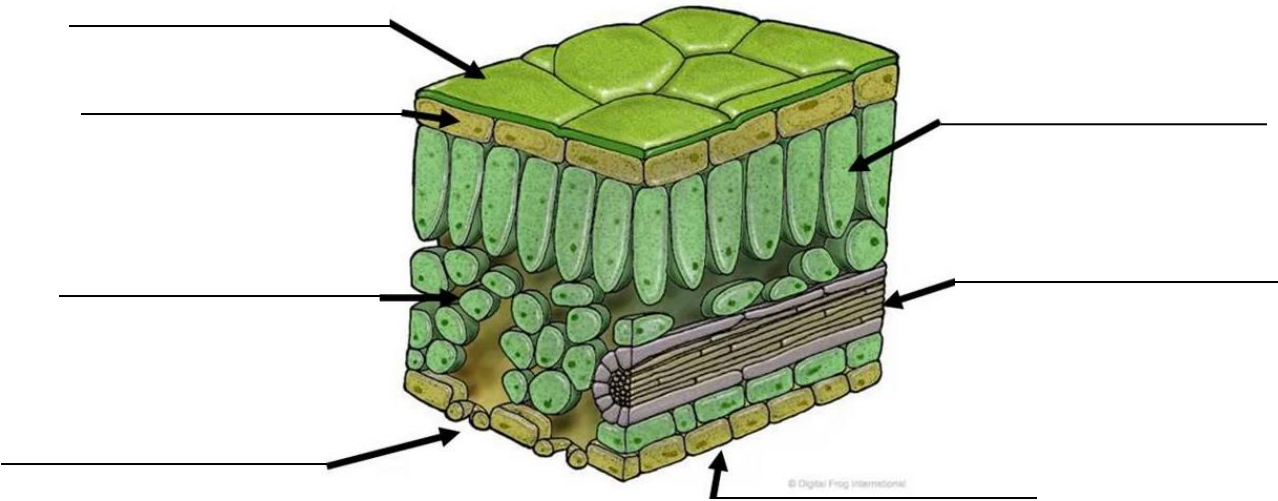
Years in 4-H _____ Grade _____ Years in Project _____

Planting the Seed

Using the word bank below, identify the leaf parts on the cross-section below.

Cuticle	Lower Epidermis	Palisade Mesophyll	Spongy Mesophyll	Stoma	Vein	Upper Epidermis
---------	-----------------	--------------------	------------------	-------	------	-----------------

Leaf Cross Section



[Photo credit: pathwayz.org]

Define photosynthesis. _____

Setting Roots

List five reasons that trees are important and how the reason affects humans or the environment. _____

What is the difference between an invasive species and a native species in a forest ecosystem? _____

Name three invasive species and three native species that can be found in a forest:

Invasive Species	Native Species

Leafing Out

Explain the fire triangle. _____

How does the concept of density relate to woodland fire risk? _____

What is Indiana's National Forest called? _____

Name three of Indiana's State Forests and list the county and city/town in which you would find them.

State Forest	Indiana County	Indiana City/Town

Growing into the Future

How is the tree life cycle similar to the human life cycle? _____

How do foresters determine how much lumber a forest may yield? _____

Name three careers related to forestry.

1. _____
2. _____
3. _____

What is one thing you learned or sparked your interest as a result of completing this project? _____
