Investigating Conifers.

Purpose: To gain experience at classifying conifers based on their physical features.

Observations:

Part A: Classifying Confiers.

Sample	Name	Reasons for Classification
A		
B		
C		
D		
E		
F		
G		
H		

Discussion:

1.   What phylum do these plants belong to?

2.   What taxonomic class of plants would we classify confers in?

3.   What are 3 important things to look at when trying to identify the name of the conifer?

4.   How does knowing the location of where the conifer is normally found help you in the identification of the conifers?

5.   How do needles differ from leaves?

6.   How do these differences help gymnosperms thrive in dry and cold environments?

7.   What two roles does the wind play in gymnosperm reproduction?

8.   How is pollen adapted to life on land?

9.   What substances and/or structures are present in a seed that are NOT found in a spore?

10.   How would the ability to make seeds be an evolutionary advantage for a plant?