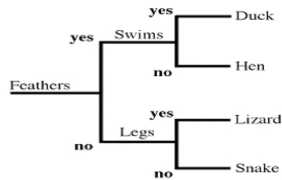


## A Dichotomous Key for Ecosystems



**OBJECTIVE:** Your goal in this project is to create a PowerPoint presentation with hyperlinks to provide a dichotomous key for twelve ecosystems. The types of ecosystems you will use are listed below. It will be up to you to determine how you will group, classify and sort them in order to

develop an appropriate key. This is an individual project, so that means you will be independently creating your own key.

**STEP 1:** Before you will be able to classify the ten ecosystems below, you must first research and record information about each of them. Be sure to include specific information that sets each one apart from the others. See the chart on the back. (HINT: descriptions of ecosystems take into account major factors such as climate.)

**Aquatic Marine**  
**Freshwater**  
**Desert**  
**Tropical Forest**

**Deciduous Forest**  
**Taiga**  
**Savanna**  
**Prairie**

**Arctic Tundra**  
**Alpine Tundra**  
**Dry Steppe**  
**Temperate Forest**

**STEP 2:** Once you have gathered all of the research to distinguish the different ecosystems, you will begin constructing your dichotomous key using PowerPoint:

**FIRST:** Create all of the slides with couplets of statements.

**SECOND:** Add in the hyperlinks to each statement such that you are taken to the next couplet or the name of the ecosystem.

**GRADING:** You will be graded using the following guidelines:

1. Completion of research chart
2. Effective couplets of statements to key all 12 ecosystems
3. Appropriate use of hyperlinks to demonstrate flow of the key