

# Representing the National Parks and Forest Project Plan Guide

Name \_\_\_\_\_

Now it's time to analyze and display the data you've collected in the form of graphs.

For each data category, choose one of four graph types (line, bar, pie, or plot) that best compares the data from the five sites. Present your graphs to the class using one of the following formats, explaining the key points on each graph.

- Create a **book of graphs** that can be displayed in the classroom.
- Create a **multimedia presentation**.
- Create a **bulletin board** for your graphs.



## Worksheets to Complete and Hand In

\_\_\_ Park and Forest Data Collection

## Representing the National Parks and Forest Rubric

CATEGORY	4	3	2	1	Self	Teacher
<b>Units</b>	All units are described (in a key or with labels) and well-chosen for the data set.	Most units are described (in a key or with labels) and well-chosen for the data set.	All units are described (in a key or with labels) but are not well-chosen.	Units are neither described NOR appropriately sized for the data set.		
<b>Accuracy of Plot</b>	All points are plotted correctly. If hand-drawn, a ruler was used.	All points are plotted correctly and are easy to see.	All points are plotted correctly.	Points are not plotted correctly OR extra points were included.		
<b>Data Table</b>	Data in the table is well-organized, accurate, and easy to read.	Data in the table is organized, accurate, and easy to read.	Data in the table is accurate and easy to read.	Data in the table is not accurate or readable.		
<b>Title</b>	Title is creative, relevant, and at the top of the graph.	Title is relevant and is at the top of the graph.	A title is present.	A title is not present.		
<b>Labeling of X Axis</b>	Label is clear, neat; describes the units used.	Label is clear and describes the units used.	The X axis has a label.	The X axis is not labeled.		
<b>Labeling of Y Axis</b>	Label is clear, neat; describes the units used.	Label is clear; describes the units used.	The Y axis has a label.	The Y axis is not labeled.		
<b>Presentation</b>	Clearly emphasizes key graph features.	Shows key features of the graph.	Shows features of the graph.	Shows few features of the graph.		
<b>Accuracy of Data</b>	Completely accurate and well organized.	Mostly accurate and organized.	Contains a few inaccuracies and is not well organized,	Contains many inaccuracies and is not organized.		
<b>Appropriateness of Graph</b>	All graphs are appropriate for the data.	Most graphs are appropriate for the data.	Some graphs are appropriate for the data.	Few graphs are appropriate for the data,		
<b>Totals</b>	<b>36</b>	<b>27</b>	<b>18</b>	<b>9</b>		