

## Tic Tac Toe!

Choose three, but you must go through the middle! Each project is worth 30 points, and your presentation is worth 10. You have three deadlines: The first part is due on **Friday January 19th**. The second part is due **Tuesday, January 23rd**. The third part is due **Thursday, January 25th**. We will give presentations on 1/25.

<p><b><u>Comic Strip</u></b> Create a comic strip with characters from all six kingdoms.</p> <p>It must be at least 10 frames long.</p> <p>It must also include at least two descriptions of common characteristic of that kingdom.</p>	<p><b><u>Leaf Collection</u></b> Collect leaves from 10 different plants and place in a zip lock bag. Rub or scan as soon as possible to avoid drying out.</p> <p>Put one leaf on one page and include the name of plant and where &amp; when you found it (city, state, date).</p> <p>Bind the pages together.</p>	<p><b><u>Build a Mushroom</u></b> Use your artistic abilities to create a clay or play-doh sculpture of a fruiting body of a mushroom. When you are finished, draw what you created and label all of the parts on your answer sheet. Include all seven parts hyphae can be considered part of the mycelium.</p>
<p><b><u>Happy Birthday Protist!</u></b> Go to <a href="http://www.microscopy-uk.org.uk/index.html?http://www.microscopy-uk.org.uk/pondip/index.html">http://www.microscopy-uk.org.uk/index.html?http://www.microscopy-uk.org.uk/pondip/index.html</a> Click on and read about each of the protists. Create a birthday card for one animal like protist <b>AND</b> one plant like protist.</p> <p>Be sure to include a picture of the protist on the card. Also be sure to tell the protist why it is so great and interesting (in other words describe the protist!)</p>	<p><b><u>Six Kingdoms Mobile</u></b> This assignment is to put together a mobile of the six kingdoms of the biological classification system. The mobile should have a title and each kingdom should hang from a different string or rod.</p> <p>**See the back for details</p>	<p><b><u>Animal Phylum Diorama</u></b> Choose one animal phylum: cnidarians, annelids, arthropods, mollusks, and echinoderms, porifera, or chordates.</p> <p>Create a diorama that must include at least 5 organisms from the phylum, and they must be placed in an appropriate habitat (no squid the desert please!).</p>
<p><b><u>Six Kingdoms Journal</u></b> Imagine that you met creatures from each of the six kingdoms on six different days.</p> <p>Write a journal entry (at least one paragraph 5-7 sentences) about meeting those creatures. That is a total of 6 entries.</p> <p>Give examples of creatures from that kingdom in each entry.</p>	<p><b><u>Six Kingdoms Song/Rap</u></b> Create a song about the six kingdoms and their characteristics.</p> <p>You must turn in all of you lyrics, and they must be at least one page long.</p> <p>The more creative the better!!!</p>	<p><b><u>Most Wanted Poster</u></b> Choose a pathogenic bacteria (makes you sick). Create a wanted poster for the bacteria. Include the organism's scientific name, a description of the disease it causes, how the organism attacks and spreads, most common injury done to victim, number of victims, most effective weapons against the germ, and a mug shot of the bacteria.</p>

## Six Kingdoms Mobile

**Grade Type:** Individual Project

**Points:** 100

**Essential Questions:** What characteristics are used to classify organisms into domains and kingdoms?

### Requirements:

In this assignment you are required to put together a mobile of the six kingdoms of the biological classification system. Your textbook and CRCT coach book should be the only sources used when gathering information. Your information should be listed in bullets, therefore make sure you carefully read the below table carefully.

The mobile should have a title (The Six Kingdoms) and each kingdom should hang from a different string or rod. For each kingdom, display at least two pictures with scientific names as well as the specified characteristics (see below). Your mobile will turn, so be sure that each picture and description can be seen from both sides (two-sided).

The day that your mobile is due, you are responsible for hanging the mobile in the classroom. Make sure to include your name, date and period on your mobile.

For each kingdom, you must include the following information.

<b>Animalia</b>	<b>Plantae</b>	<b>Protista</b>	<b>Fungi</b>	<b>Archaeobacteria</b>	<b>Eubacteria</b>
<input type="checkbox"/> 3 interesting facts <input type="checkbox"/> Single-cell and/or Multi-cell <input type="checkbox"/> Prokaryotic and/or Eukaryotic <input type="checkbox"/> Autotrophic and/or Heterotrophic <input type="checkbox"/> Sexual/asexual reproduction <input type="checkbox"/> What the cell wall is made of (if present) <input type="checkbox"/> One picture of a land-based animal <input type="checkbox"/> One picture of a water-based animal <input type="checkbox"/> Scientific names included on pictures	<input type="checkbox"/> 3 interesting facts <input type="checkbox"/> Single-cell and/or Multi-cell <input type="checkbox"/> Prokaryotic and/or Eukaryotic <input type="checkbox"/> Autotrophic and/or Heterotrophic <input type="checkbox"/> How they reproduce <input type="checkbox"/> What cell wall is made of <input type="checkbox"/> One picture of an angiosperm <input type="checkbox"/> One picture of a gymnosperm <input type="checkbox"/> Scientific names included on pictures	<input type="checkbox"/> 3 interesting facts <input type="checkbox"/> Single-cell and/or Multi-cell <input type="checkbox"/> Prokaryotic and/or Eukaryotic <input type="checkbox"/> Autotrophic and/or Heterotrophic <input type="checkbox"/> How they move <input type="checkbox"/> How they reproduce <input type="checkbox"/> What cell wall is made of <input type="checkbox"/> One picture of a fungus-like protist <input type="checkbox"/> One picture of an animal-like protist <input type="checkbox"/> One picture of a plant-like protist <input type="checkbox"/> Scientific names included on pictures	<input type="checkbox"/> 3 interesting facts <input type="checkbox"/> Single-cell and/or Multi-cell <input type="checkbox"/> Prokaryotic and/or Eukaryotic <input type="checkbox"/> Autotrophic and/or Heterotrophic <input type="checkbox"/> How they reproduce <input type="checkbox"/> What cell wall is made of <input type="checkbox"/> How they get energy <input type="checkbox"/> Two diseases they cause <input type="checkbox"/> One picture of a sac fungi <input type="checkbox"/> One picture of a club fungi <input type="checkbox"/> Scientific names included on pictures	<input type="checkbox"/> 3 interesting facts <input type="checkbox"/> Single-cell and/or Multi-cell <input type="checkbox"/> Prokaryotic and/or Eukaryotic <input type="checkbox"/> Autotrophic and/or Heterotrophic <input type="checkbox"/> How they reproduce <input type="checkbox"/> Where they are found <input type="checkbox"/> What cell wall is made of <input type="checkbox"/> One picture of a Halophile <input type="checkbox"/> One picture of a Thermophile <input type="checkbox"/> Scientific names included on pictures	<input type="checkbox"/> 3 interesting facts <input type="checkbox"/> Single-cell and/or Multi-cell <input type="checkbox"/> Prokaryotic and/or Eukaryotic <input type="checkbox"/> Autotrophic and/or Heterotrophic <input type="checkbox"/> How they reproduce <input type="checkbox"/> What cell wall is made of <input type="checkbox"/> One picture of a helpful bacteria <input type="checkbox"/> One picture of a harmful bacteria <input type="checkbox"/> Scientific names included on pictures

Remember that all projects should reflect your best work. ☺

**Grading Rubric:**

It's a good idea to use this rubric as a checklist to ensure you have completed each of the requirements for this project. Don't forget to turn in this rubric with your project.

Name: \_\_\_\_\_

Format: (35 points)  
Assess

Self-Assess

Teacher-

- Name, Date, Period - 5
- Header on Mobile – 5
- Typed or written neatly in black pen -5
- Proper grammar – 5
- Neat & creative – 5
- Mobile hangs properly – 5
- Pictures & descriptions are two-sided - 5

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Content: (65 points)

- Kingdom name on each arm/rod - 6
- Appropriate pictures for all kingdoms – 6
- Pictures include scientific names – 6
- All components for each kingdom present - 47
  
- **Your Score**

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____