## **Jurassic Park Research Report and Mural Project**

Choose a dinosaur from one of the websites below. You are going to create an image and info box for our class “Jurassic Park.”

<http://www.enchantedlearning.com/subjects/dinosaurs/dinoclassification/index.html>

<http://www.bbc.co.uk/nature/life/Reptile/by/prehistoric>

<http://www.bbcearth.com/walking-with-dinosaurs>

<http://www.scholastic.com/teachers/article/dinosaur-evolution>

<http://www.dailymail.co.uk/sciencetech/article-2640799/From-Euparkeria-extinction-Dinosaur-family-tree-reveals-creatures-evolved-lumbering-beasts-elegant-flyers.html>

The two things you are going to create are:

1. A “to scale” image of your dinosaur, cut out and drawn on a piece of colored paper or poster paper
   1. Scale: when drawing this, you should operate on a scale of: one inch = one foot.
2. An annotated diagram that should include small text boxes that will explain the following:

* Relative size of your dinosaur to a human
* Diet
* What period did it live in? (Triassic, Jurassic, etc.)
* Brain size (relative to other dinosaurs)
* Interesting physical features (teeth, feathers...what does it look like?)
* Leg use (was it bipedal? or quadrupedal?)
* Fossil record: Where have fossils been found? How complete is the record?
* What features changed over time?
  + BONUS: What creatures did your dinosaur evolve from?
* When did it become extinct?
  + BONUS: What evolved from it?

The finished product for this will have a dinosaur which has been cut out and colored and will have text boxes (typed or neatly written) that will be glued next to the appropriate part of the mural.

*Eventually, you will have to decide how best to group the dinosaurs in our class “Jurassic Park.” You will also be prompted with a scenario that will give you the environment of the park and other key characteristics. You will have to decide which dinos would survive long term and which ones would be “naturally selected” to die off. You will also have to describe how your dino would need to adapt physically in order to survive. For this to be fun and effective, you need to be ACCURATE and CLEAR in your research and how you present it in the diagram.*

**Research Notes**

**Assigned dinosaur:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| Relative size of your dinosaur to a human |  |
| Diet |  |
| What period did it live in? (Triassic, Jurassic, etc.) |  |
| Brain size (relative to other dinosaurs) |  |
| Interesting physical features (teeth, feathers...what does it look like?) |  |
| Leg use (was it bipedal? or quadrupedal?) |  |
| Fossil record: Where have fossils been found? How complete is the record? What is missing? |  |
| What creatures did your dinosaur evolve from? What features changed over time? |  |
| When did it become extinct? How did it happen? What evolved from it? |  |