

Diversity Chart Assignment

For each Kingdom in the Domain Eukarya that you read about over the next several weeks, you are to make a chart.

Instructions

Starting each Kingdom on a separate page, write the name of the Kingdom at the top, followed by a description of that Kingdom's characteristics – what differentiates that Kingdom from the others; what special characteristics do all members of the Kingdom share? Wherever possible, include method of reproduction and mode of nutrition. Pictures or diagrams may be helpful but are not required.

Then, list the major phyla (or divisions) in that Kingdom, along with each phylum's characteristics – what differentiates that phylum from the other phyla in that kingdom? Include at least one example of an organism from each phylum. Some Kingdoms may need multiple pages if they contain many phyla.

When you get to the Kingdom Animalia, also include the classes under the vertebrate sub-phylum (start vertebrates on a separate page).

Each Kingdom's chart is due on the dates indicated below –

- Protista: due February 23
- Fungi: due March 2
- Plantae: due March 30
- Animalia: Invertebrates due April 27
Vertebrates due May 25

You will be graded on the following criteria:

Thoroughness

- Are characteristics of the kingdom included?
- Are all phyla listed? (Classes in vertebrates)
- Are characteristics and examples of each phyla/class included?

Accuracy

- Is all information correct?

Neatness

- Is the chart legible and easy to follow?