Tree of Life Poster/Collage

Your Challenge: To take the taxonomic groups listed on page 2 and arrange them into a tree of life. Create a large visual poster/collage that visually shows the organization of these major kingdoms, phyla, classes, and orders of living things. And for each taxonomic group shown, your poster/collage should include an image (drawn or pasted) of a representative species from that group as well as a few words labeling and describing what that group is. For example, one group on your poster might be presented like this:

Phylum: Arthropoda

Animals with hard exoskeletons and jointed appendages

The best poster/collages will be those that include:

- ❑ All of the taxonomic groups listed.
- ❑ A brief (5-10 words) description of who/what is in each group.
- ❑ A picture (original or clipped) of a representative species for each group.
- ❑ A visual layout that clearly shows the organization of the groups relative to each other.
- ❑ Graphics that are neat and attractive. Include an overall title and your names.
- ❑ Bonus: creative spark and or extra scientific detail.

The groups you need to include are listed on the next page →

Here are the taxonomic groups you need to include:

Kingdom Archaebacteria

Kingdom Eubacteria

Kingdom Fungi
(For this one, show two different representative example species.)

Kingdom Protista
(For this one, show three different representative example species.)

Kingdom Plantae
- Phylum Anthophyta (Flowering Plants)
- Phylum Coniferophyta (Conifers)
- plus one other plant phylum of your choice

Kingom Animalia
- Phylum Porifera (Sponges)
- Phylum Cnidaria (Jelly fish, corals)
- Phylum Platyhelminthes (flatworms)
- Phylum Nematoda (roundworms)
- Phylum Mollusca (mollusks)
- Phylum Annelida (annelids)
- Phylum Arthropoda (arthropods)
- Phylum Echinodermata (starfish, urchins)
- Phylum Chordata (vertebrates)
  - Class Osteichthyes (bony fish)
  - Class Amphibia (amphibians)
  - Class Reptilia (reptiles)
  - Class Aves (birds)
  - Class Mammalia (mammals)
    - Orders—choose three orders of mammals to show on your poster;
      - …then, in just one order of mammal, take the classification all the way to a single (non-human) species.