



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

Fundamentals of Life Science 2: **Week 21 HOMEWORK CHECKLIST**

ALL GRADES

*Due on February 28th*

\_\_\_\_ **(10 points) Learning About the Classification System**

You were introduced in class to the specifics of the classification system first created by Carl Linnaeus and how to use a dichotomous key to identify species of insects. Watch the following video to reinforce what you learned in class. It is an excellent video that does a great job explaining why the classification system is used and how it works. **I would like for you to memorize the 8 main levels of classification (taxa) AND know what the definition of binomial nomenclature is and why the names are always in Latin.** There will be special treats next week for those that memorize it!

**Classification and Carl Linnaeus (BrainPop):** <https://www.youtube.com/watch?v=3vHzlgswS3A>

\_\_\_\_ **(20 points) Learning About Invertebrates—Arthropods Worksheet**

You were given this worksheet in class and it should be in the front pocket of your binder. First, read through the worksheet so you are familiar with what questions you will be answering. Next, watch the following videos to learn about arthropods and fill in the answers to the questions as you watch. *The Wildlife Journal Junior weblink will provide many of the answers about the subphyla if you click on the different subphyla links (in blue) at the bottom of the main page.* Write your answers in pencil in case you need to make corrections when we go over them in class next week. Since I have your field journals we will glue them in next week so make sure they are put back in the front pocket of your binder when completed!

**The Arthropods (HappyLearning):** <https://www.youtube.com/watch?v=XSvBYVjgtGs>

**All About Insects (FreeSchool):** <https://www.youtube.com/watch?v=rKQfJFAHW8Q&t=26s>

**WEBLINK: Wildlife Journal Junior—Arthropoda:** <https://nhpbs.org/wild/Arthropoda.asp>

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\_\_\_\_\_ **(20 points) Amazing Rainforest Arthropods**

After learning about arthropods, watch the following videos to learn about some fascinating arthropods found in the rainforest:

**World's Biggest Spider (NatGeo):** <https://www.youtube.com/watch?v=SdZUd-Rwl1s>

**Where Are the Ants Carrying All Those Leaves:** <https://www.youtube.com/watch?v=-6oKJ5FGk24>

**Christmas Crab (Amazing Animals):** <https://www.youtube.com/watch?v=xB74swq2LII>

**Deadly Disguised Orchids (NatGeoWild):** [https://www.youtube.com/watch?v=0VU\\_T41x-xA](https://www.youtube.com/watch?v=0VU_T41x-xA)

\_\_\_\_\_ **(5 points) Replenish supplies, organize your binder, and make sure to get your checklist signed!**

Parent Signature: \_\_\_\_\_

Homework Completion Grade \_\_\_\_\_/55 points