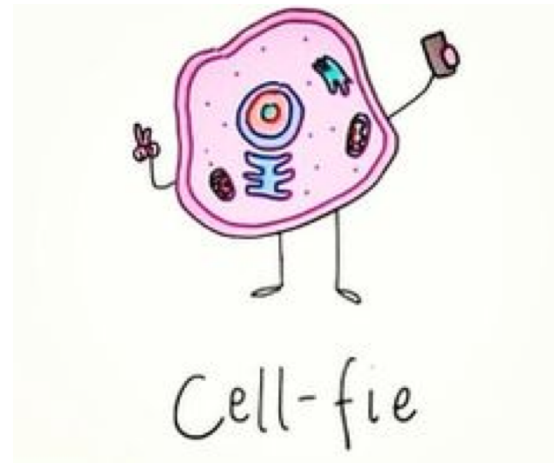


For your final assignment in IMS, you will be going on a “scavenger hunt” and collecting science terms that you have already learned about at various points throughout this very FUN year.

Your assignment is to “collect” photographic examples of terms/concepts on the following list and create a scrapbook. Your grade will be the cumulative point values of the correct items you collect. This grade will count as a 50-point assignment.



Earn 50 points by “collecting” 10 items from the list of vocabulary terms. You must collect 10 items by May 31st.

When I say “collect”, I mean you should collect that item by finding it and taking a **photograph** (digital) of that item. Define, in your own words, the term/concept. Also within a couple of statements, explain how the picture represents the term or concept. You will organize your photographs and include appropriate **explanations/descriptions** into a scrapbook (physical or electronic).

YOU CAN BE CREATIVE:

If you choose an item that is internal to a plant or animal, like the term “chloroplast”, you could submit a photograph of the whole organism or a close up of one part, and then explain on in your scrapbook *what* chloroplast is and specifically *where* chloroplast is in your specimen.

ORIGINAL PHOTOS ONLY:

You cannot use an image from any publication or the Web. You must have taken the photograph yourself. The best way to prove that is to place an item in all of your photographs that only you could have added each time, something that you might usually

have on you like a key chain, pen, bracelet, small toy, etc. Submit a picture of you with your proof object when you hand in your scrapbook.

and respectful! Never touch plants or animals you are unfamiliar with. Don't kill or hurt any organisms. Don't remove any organisms from the natural environment.

INDIVIDUAL PROJECT:

While brainstorming, discussing, and even going on collecting adventures together is welcome, your items and photos are to be unique. With such vast concept choices, probability says there is a very slim chance that any two students will have the same items chosen from their list.

COLLECTION TERMS

adaptation of an animal

adaptation of a plant

analogous structures

animal cell

asexual reproduction

autotroph

carbohydrate

cellular respiration

cellulose

chloroplast

DNA

diffusion

dominant vs. recessive phenotypes

energy transfers

evidence of evolution

enzyme

eukaryote

fermentation

genetically modified organism

genetic variation within a population

glucose

haploid chromosome number

heredity

heterotroph

homologous structures

interaction between science and technology

lipid used for energy storage

meiosis

mitosis

natural selection

plant cell

probability

prokaryote

unicellular organism

water cycle