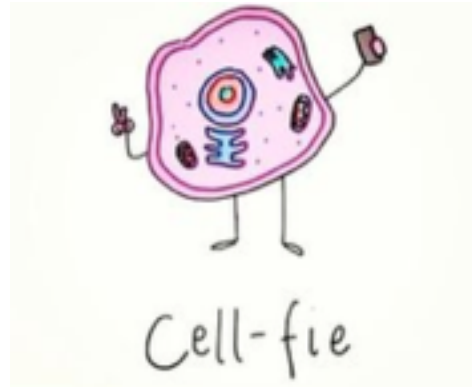


Name: _____

Period: _____

IMS Final Project

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” 15 items from the list of vocabulary terms. You must collect 15 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.

NATURAL ITEMS ONLY:

You should only use natural items. Take a walk in your neighborhood, go to the zoo, go for a hike in the woods, etc. Humans are natural items and may be used, but only for a few entries. All items must be from something that you have found in nature. Be careful 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

air mass
 air front
 angiosperm (flowering plant)
 animal cell
 asexual reproduction
 autotroph
 carbohydrate
 cellular respiration
 cellulose
 chloroplast
 climate
 diploid chromosome number
 DNA
 diffusion
 dominant phenotype
 energy transfers
 eukaryote
 fermentation
 glucose

haploid chromosome number
 heredity
 heterotroph
 interaction between science and technology
 lipid
 meiosis
 mitosis
 photosynthesis
 plant cell
 pollen
 probability
 prokaryote
 protein
 recessive phenotype
 respiration (cellular)
 unicellular organism
 water cycle
 weather

Rubric:

	Meets and exceeds criteria (10-8)	Meets criteria (7-5)	Missing information (4-1)	Not present (0)
Name/period/date and title page				
15 original photographs				
15 definitions				
15 explanations				
Relevant titles/subtitles on each slide				

Comments: