

Jeopardy

Classification	The Cell	DNA & RNA	Ecology	Mitosis Vs Meiosis
<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>
<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>
<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>

Kingdom that is prokaryotic, unicellular, and live in harsh environments.

What is Archaeobacteria?



Which two kingdoms have specialized cells that perform individual functions

What are plantae and animalia?



Multicellular, heterotrophic, cannot move, and food from dead organisms.

What is fungi?



Kingdom that has unicellular organisms that are eukaryotic and are either heterotrophic or autotrophic

What are protists?



DAILY DOUBLE
Name the two kingdoms that were once combined to form the kingdom monera.

What are archaeobacteria and eubacteria?



A cell that has a nucleus along with membrane-bound organelles.

What eukaryotes?

What structures do eukaryotes and prokaryotes have in common?



What is cytoplasm, cell membrane, ribosomes, and DNA?



Type of cell that has a simple internal structure, no nucleus, and no membrane bound organelles.

What are prokaryotes?



Ships and packages proteins

What is golgi apparatus?

These organelles are responsible for making protein.



What is the nucleolus?

The complementary DNA strand for ATCGTC

What is TAGCAG?



What will be the complementary mRNA strand to the following DNA strand: ATCGTC

What is UAGCAG?

Process that aids in preserving the genetic code of DNA from one generation to the next.



What is DNA replication?



Process in which DNA is converted to mRNA

What is transcription?



What is the DNA strand that would complement the following mRNA strand: UUA GGC AUC.

What is AAT CCG TAG?



A group of cells that work together

What is tissue?



Which organism has the least amount of energy?

Grass → insect → bird → fox

What is fox?



Define herbivore, omnivore, and carnivore?



What is only eats plants, eats plants and meat, and only eats meat?

Several populations that are in the same area along with abiotic factors.

What is ecosystem?



DAILY DOUBLE
List the levels of organization from smallest living thing to the largest level of organization.

What is cell, tissue, organ, organ system, organism, population, community, ecosystem, biosphere?



Crossing over occurs in what cellular reproduction?

What is meiosis?



Sperm production occurs in what type of cellular reproduction?

What is meiosis?



End result of 2 daughter cells ($2n$)

What is mitosis?



Cellular reproduction used in skin,
liver, and red blood cells.

What is mitosis



Creates diversity and leads to
variation in a species and produces
haploid cells which are half the
genetic information as the parent
cell.

What is meiosis ?

