

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

## Pre-Unit Quiz

### Fill in the blank:

1. A \_\_\_\_\_ is a human-made, closed environment with plants and animals in it.
2. \_\_\_\_\_ and \_\_\_\_\_ work together to design, build and run a biodome.
3. Worms and mushrooms are both examples of \_\_\_\_\_.

### True or false?

4. Engineers do not need to know about animals. T F
5. Engineers use the design process to make a new product. T F
6. Biomimicry is when you make something that copies something in nature. T F

**Word Bank:** biome, biomimicry, biosphere, carbon cycle, carnivore, climate, condensation, decomposer, decomposition, earthworm, ecosystem, engineer, engineering design process, environment, evaporation, food chain, food web, fungi, habitat, herbivore, model, niche, nitrogen cycle, omnivore, photosynthesis, plant cycle, population, population density, precipitation, predator, prey, producer, prototype, respiration, transpiration, water cycle, worm

7. Use three words from the word bank, above, to describe how a biodome works:

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