


Changing Ecosystems and their impact on living things

Gr3 Lesson 5



Day 1 Lesson:

An Ecosystem - the living (biotic) and nonliving (abiotic) parts of an habitat that interact or work together.



What would happen to the living things in this habitat? (not just the humans)



Let's review some key vocabulary words...

- Abiotic - “A” means not, so this means **not living**
- Biotic - “Bio” means living
- Habitat - a place where a living things lives/makes a home



Name the living and nonliving parts of this ecosystem.

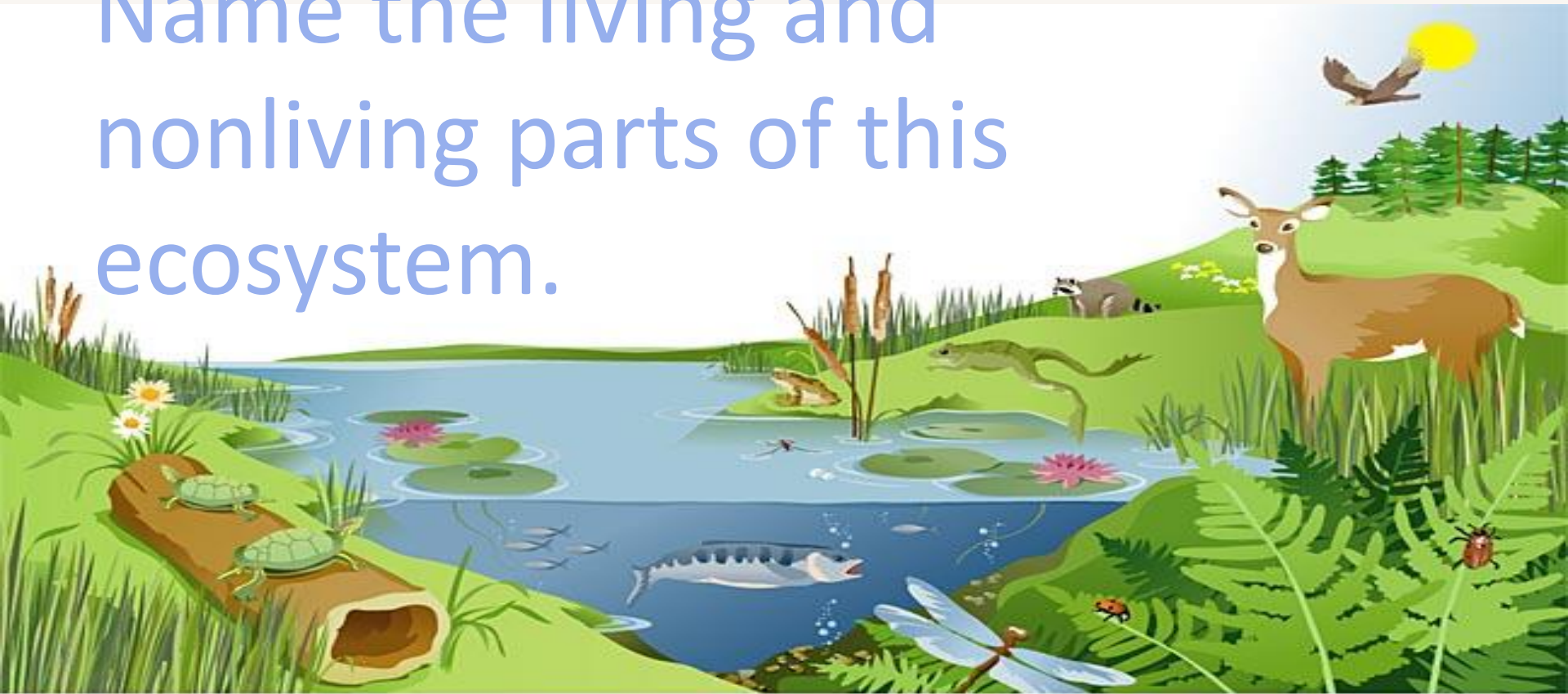


Illustration by Jeff Grader / property of Delta Education

Interacting parts of an ecosystem

Biotic	Abiotic
All different plants	SunLight/heat
All different animals	Air/water
Other living things	Rocks/soil

Let's dive into using these new vocabulary:



Looking back at our initial responses..
How are the biotic items affected with a flood?



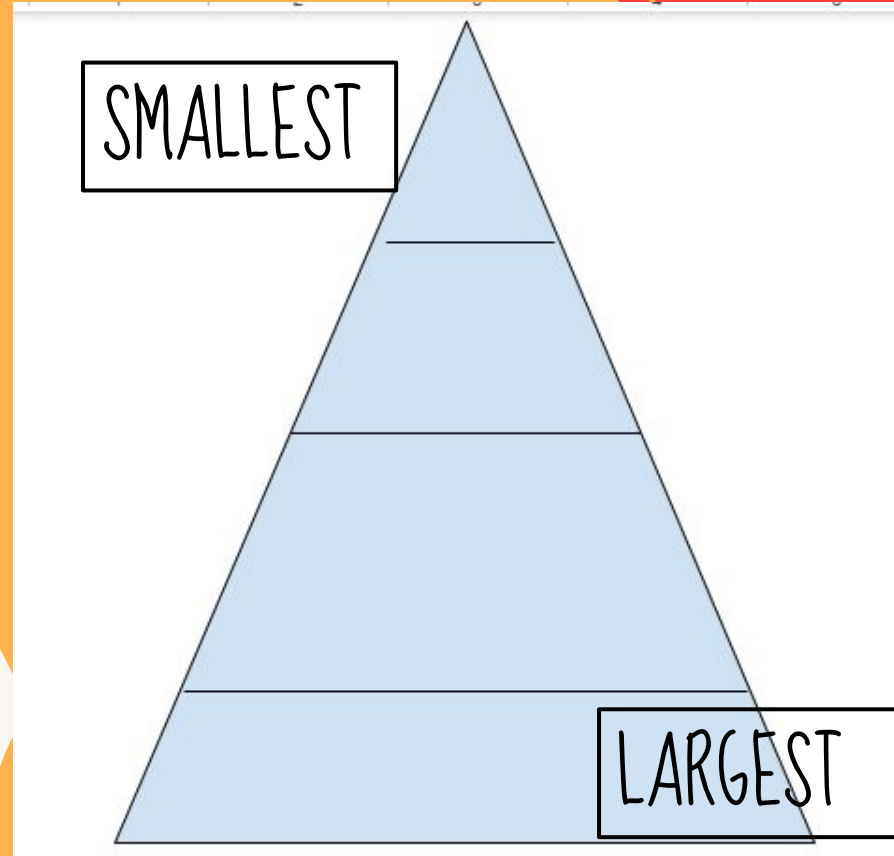
New key vocabulary words...

- **Individual** - one plant or animal
- **Population** - all the same plant or animal that lives in the same ecosystem
- **Community** - all the different populations that live in the same ecosystem
- **Ecosystem** - all the biotic and abiotic things which interact with each other

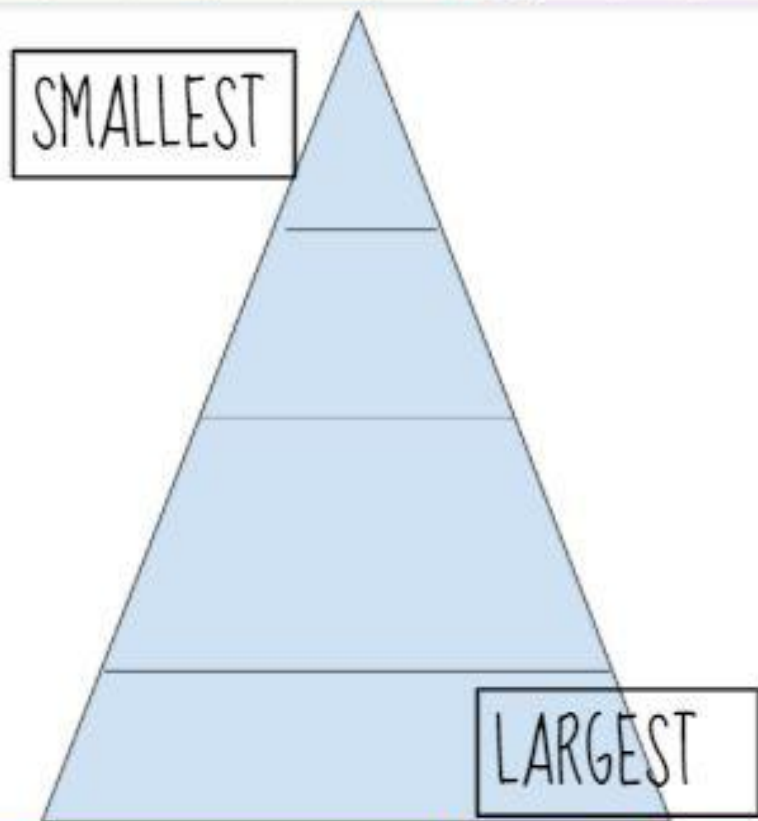
Let's put these 4 words in sequence from the smallest to the largest level of organization~

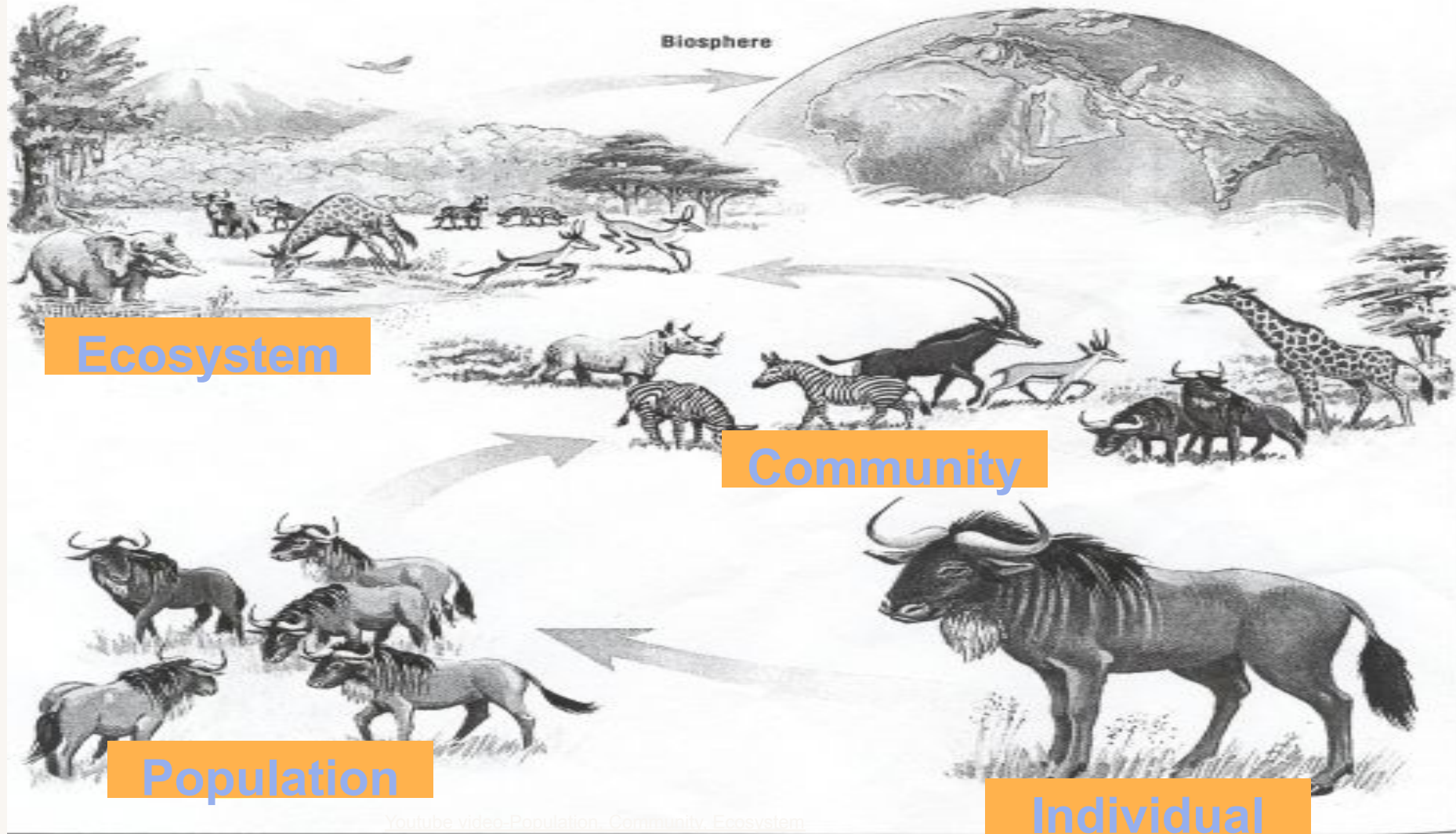
Put the following words in
order from SMALLEST to
LARGEST:

Population
Community
Individual
Ecosystem



Put the following words in
order from **SMALLEST** to
LARGEST:





Biosphere

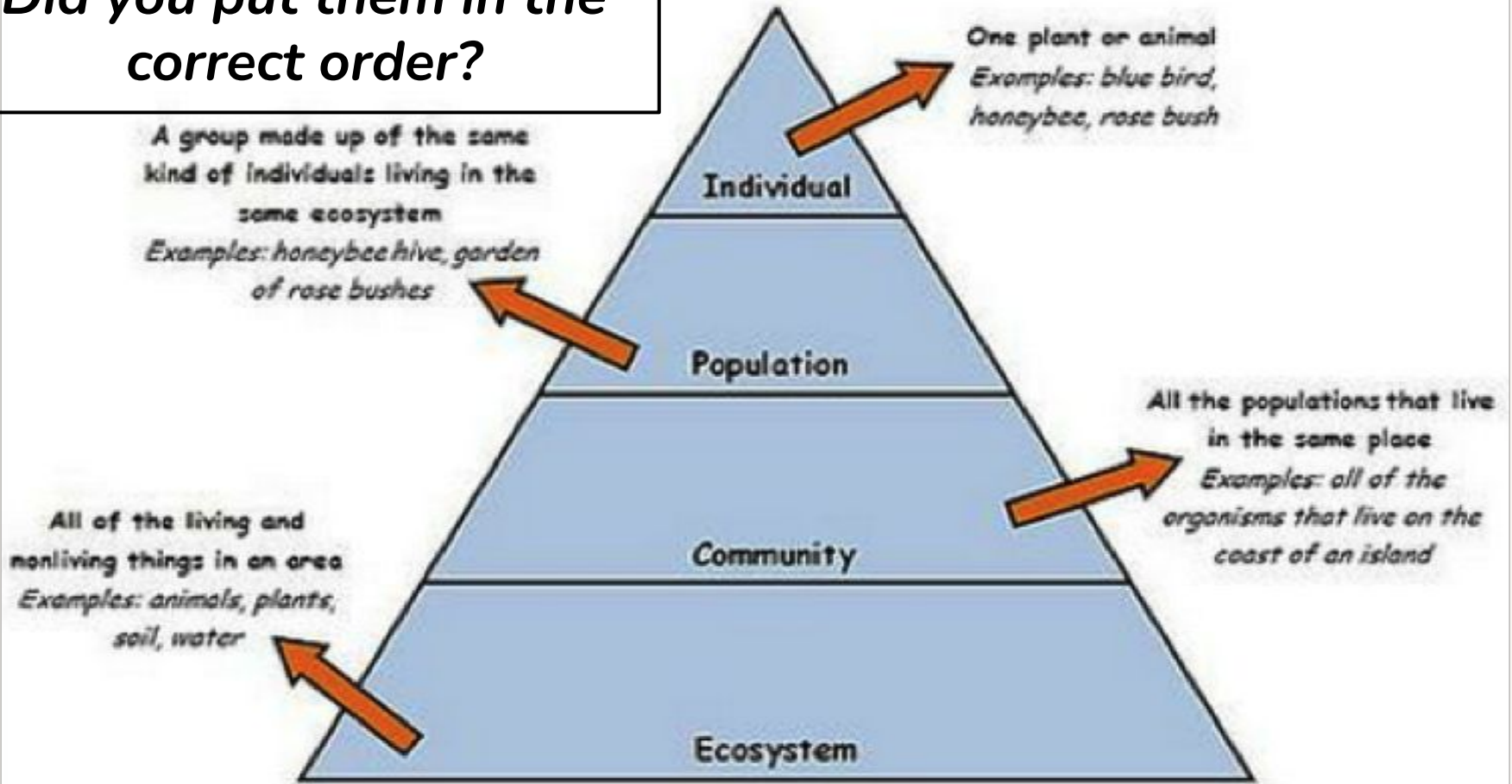
Ecosystem

Community

Population

Individual

Did you put them in the correct order?



Besides floods,
what other ways
can ecosystems
be change?



Common Natural Disasters



Earthquakes



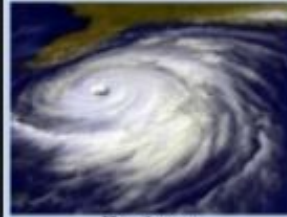
Volcanoes



Tsunamis



Landslides



Hurricanes



Tornadoes



Blizzards



Dust Storms



Floods



Droughts



Wildfires



Sink Holes