Write down "your" definition of what a living thing is

# Living things are those that display the following characteristics

- •an organized structure, being made up of a cell or cells
- •requires energy to survive or sustain existence
- ability to reproduce
- ability to grow
- ability to metabolize
- •ability to respond to **stimuli**
- ability to adapt to the environment
- ability to move

ability to roopiro

## **BIOTIC**

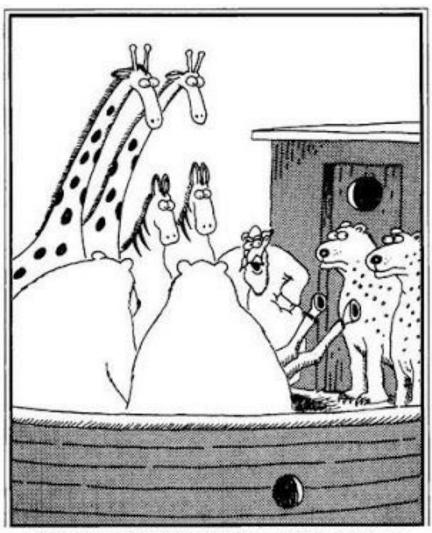
Living factors

# **ABIOTIC**

Non-living factors







"Well, so much for the unicorns . . . But from now on, all carnivores will be confined to 'C' deck."

### Main job of all living things:

# Survival

- •To get food living organisms either:
  - Make their own food ----

- •To get food you either:
  - Make your own food ----

 Eat something that made its own food or eat something that ate something that made its own food

- •To get food you either:
  - Make your own food ----

Eat something that made its own food –

 Digest something that died or something's scat (aka poop) ---

- To get food you either:
  - Make your own food ---PRODUCER or autotroph
  - Eat something that made its own food –
     CONSUMER or heterotroph
  - Digest something that died or something's scat (aka poop) ---DECOMPOSER

# Photosynthesis

$$6CO_2 + 12H_2O + light \rightarrow C_6H_{12}O_6 + 6O_2 + 6H_2O$$
carbon dioxide water glucose oxygen water

