

## BEMP Basics (for all ages!)



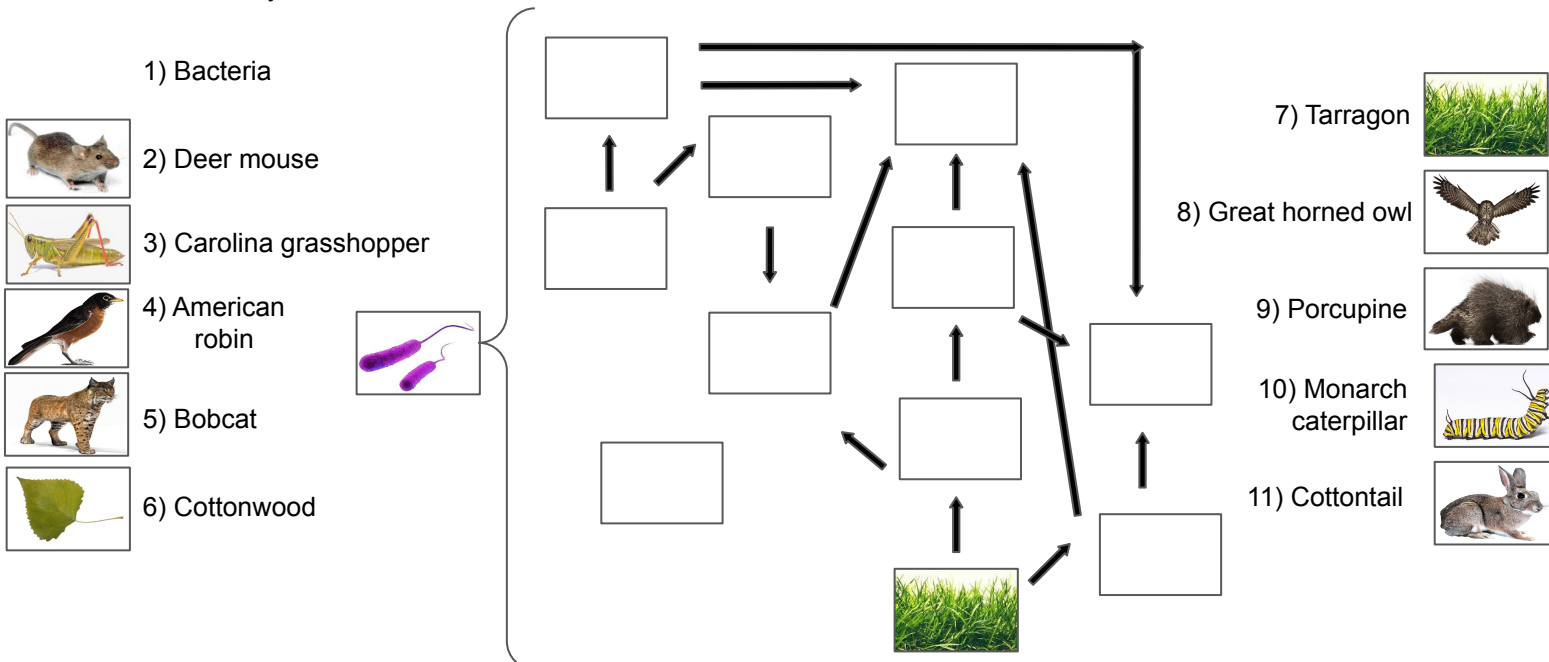
From the book *Fishy Climate*: Author - Daniel Shaw; Illustrations - Reese Bice

What do the letters in **BEMP** stand for? We are a **P**rogram that observes, records, and shares about (or **M**onitors) the water, soil, plants, and animals (the **E**cosystem) found in the **B**osque, which is a Spanish word for the forest near the Rio Grande in New Mexico.

**Bosque Ecosystem:** *An ecosystem is made up of living (animals and plants) and non-living (water or soil) things that interact and depend on each other for life.* What do you think the bosque ecosystem is like? What living and nonliving things are a part of it? Remember that the bosque is near the river and think about how that makes it different from other areas in New Mexico. **Use the space below to write, draw, paint, collage, or represent what the bosque ecosystem is like!** If you've never been there before, use your imagination or ask a family member!

### **Take it to the next level! - Bosque food web**

Relationships within an ecosystem can be represented using **food webs**. Match each organism to its correct location in the food web. For printed versions, write the organism's number inside the box. For Slides, you can move the organism's picture to the box. Arrows show the direction of matter and energy. Find and label a *decomposer*, *producer*, *primary consumer*, *secondary consumer*, and *tertiary consumer* in the food web.



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