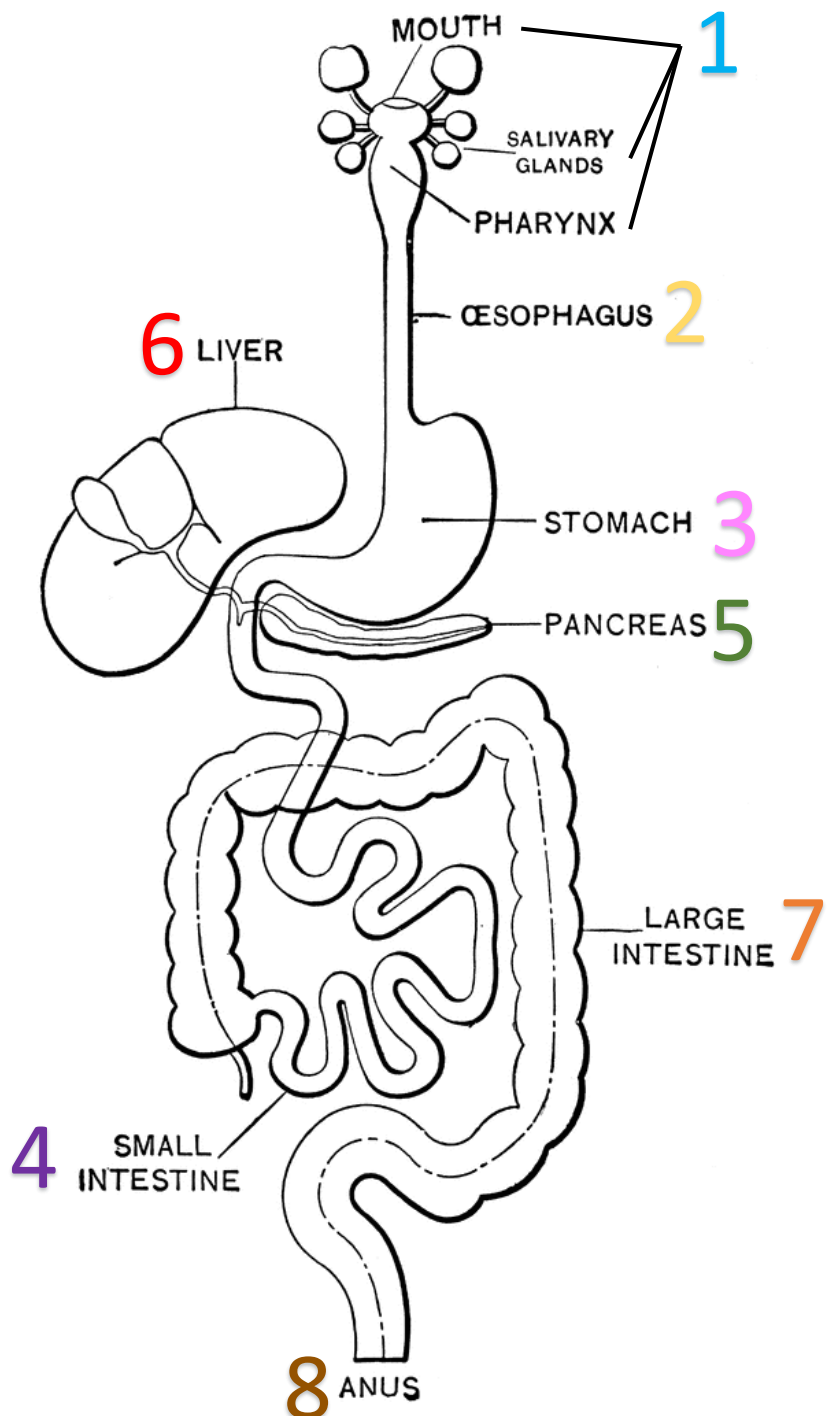


The Digestive System!

The digestive system breaks down the food we eat into smaller and smaller pieces allowing us to absorb nutrients and get rid of waste.

Let's Color the Digestive Tract:

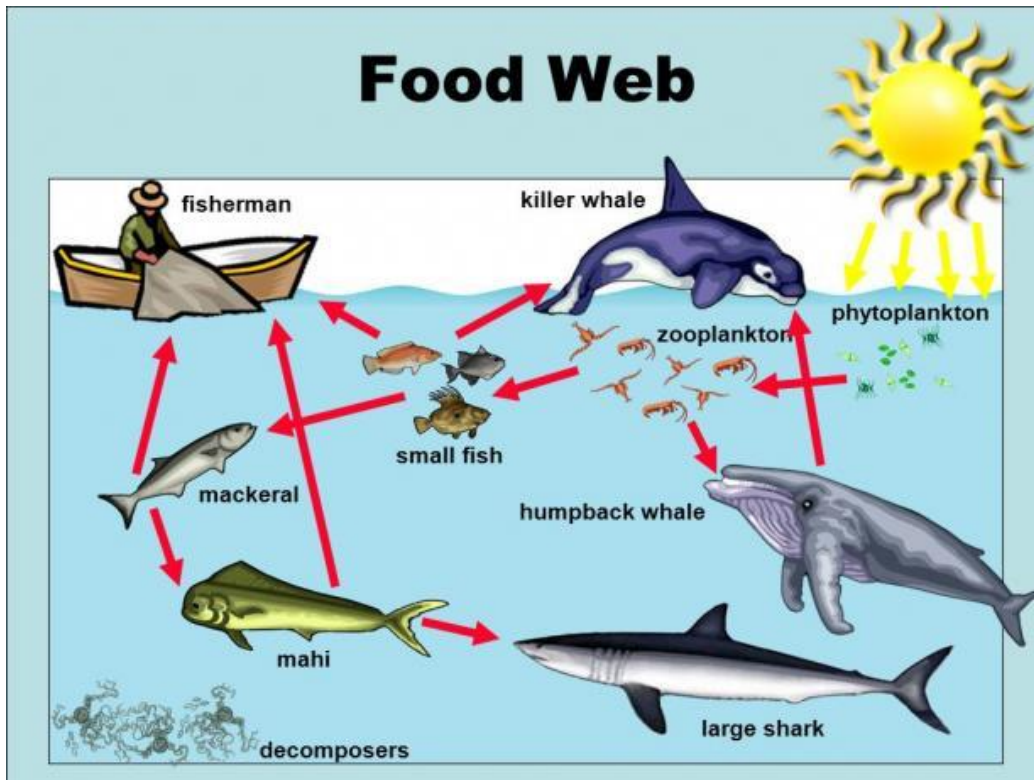
1. BLUE
2. YELLOW
3. PINK
4. PURPLE
5. GREEN
6. RED
7. ORANGE
8. BROWN



4. Our oceans depend on the digestive systems of whales. Whales eat some of the smallest organisms in the world called plankton.

There are two different types of plankton:

Phytoplankton	Zooplankton
<i>“plant” plankton – performs photosynthesis</i>	<i>“animal” plankton – consumes other organisms for energy</i>
<i>Green/brown in color</i>	<i>Many different colors</i>
<i>Found in upper sunlight layer of ocean</i>	<i>Found in many different layers in the ocean</i>
<i>Releases oxygen</i>	<i>Consumes oxygen</i>

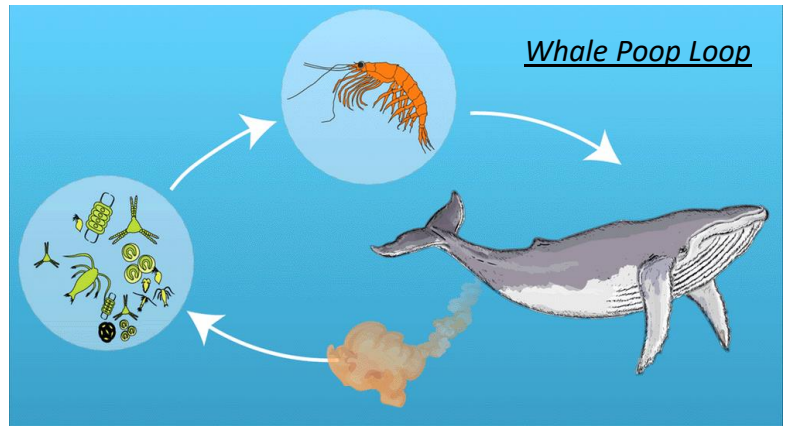


Looking at the diagram above, phytoplankton receives energy from the _____.

Zooplankton eats _____ and a humpback whale eats _____.

5. Just like humans, whales poop once food travels through their entire digestive tract. Baleen whales' poop provides A LOT of nutrients to the ocean, giving whales the name "farmers of the ocean." Their poop provides the nutrients phytoplankton need to grow and survive.

Phytoplankton are incredibly important because they give us most of the oxygen we breathe, about 70%!



Watch this video! <https://video.nationalgeographic.com/video/til/00000159-0493-db34-a5d9-85b730170000>

- a. Without whale poop we would not have _____.
- b. Without phytoplankton we would not have _____ to breathe.

Draw and label your own whale poop loop below!

