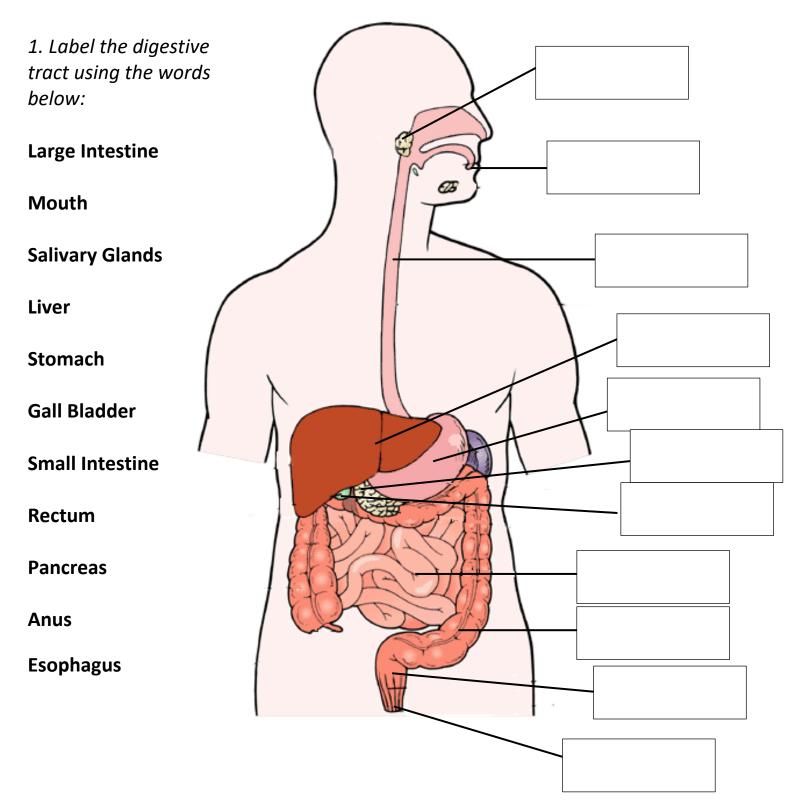
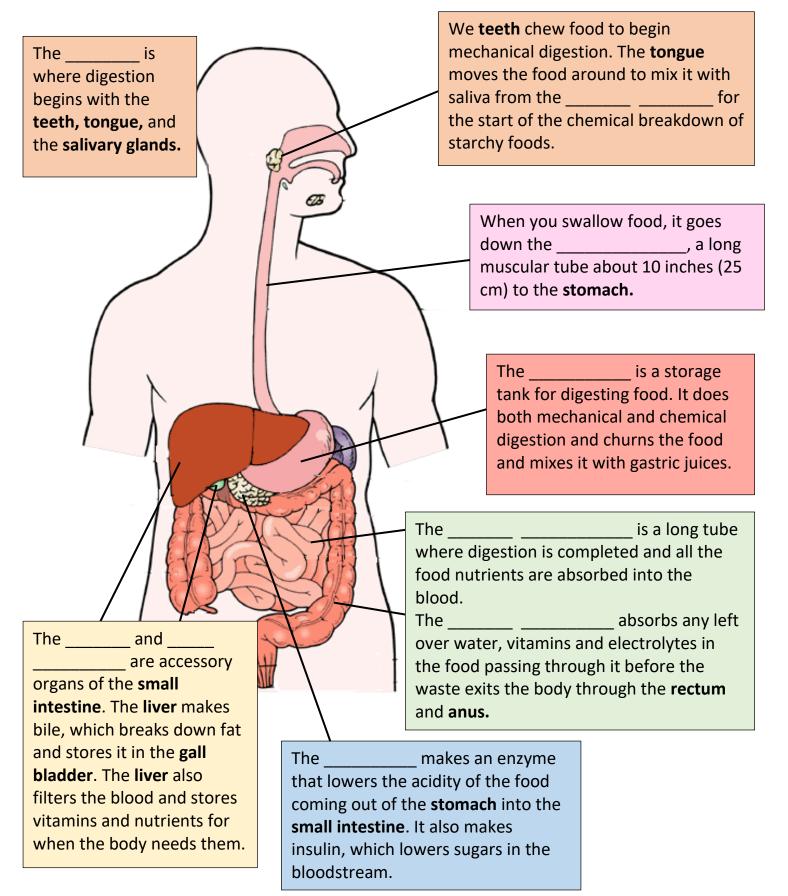
The Digestive System!

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



2. Fill in the blanks of the Human Digestive System!



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

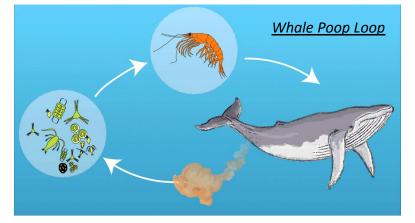
There are two different types of plankton. Please research the difference between the two and continue to fill in the table below. Find at least **three** new characteristics for each.

Phytoplankton	Zooplankton
- "plant" plankton – performs photosynthesis	- "animal" plankton – consumes other organisms for energy

4. Draw and label a food chain that includes the **sun, phytoplankton, zooplankton, and a baleen whale (humpback, grey, or blue whale).** You can include other animals, but make sure to include the ones listed above. 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! <u>https://video.nationalgeographic.com/video/til/00000159-0493-db34-a5d9-85b730170000</u>

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!





