

Digestive System

The digestive system breaks food down to tiny molecules that can be absorbed into the bloodstream and distributed to cells.

1. **salivary glands:** glands in the cheeks and under the tongue which produce saliva to moisten food as it is chewed. Salivary glands also secrete enzymes which break down starches in the mouth.
2. **esophagus:** muscular tube which creates peristaltic waves to carry swallowed food from the throat to the stomach.
3. **stomach:** muscular organ which churns food and secretes enzymes and acids for food digestion.
4. **small intestine:** hollow tract where chemical digestion continues and nutrients are absorbed into the bloodstream.
5. **pancreas:** organ which secretes enzymes for starch and protein digestion into the small intestine.
6. **liver:** organ which processes digested food into useful substances for the body, secretes bile for fat digestion, and removes toxins from the blood.
7. **gall bladder:** storage sac for bile located on the lower surface of the liver.
8. **colon:** main part of the large intestine which absorbs water from indigestible food.
9. **rectum:** final section of the large intestine which eliminates waste material from the body.

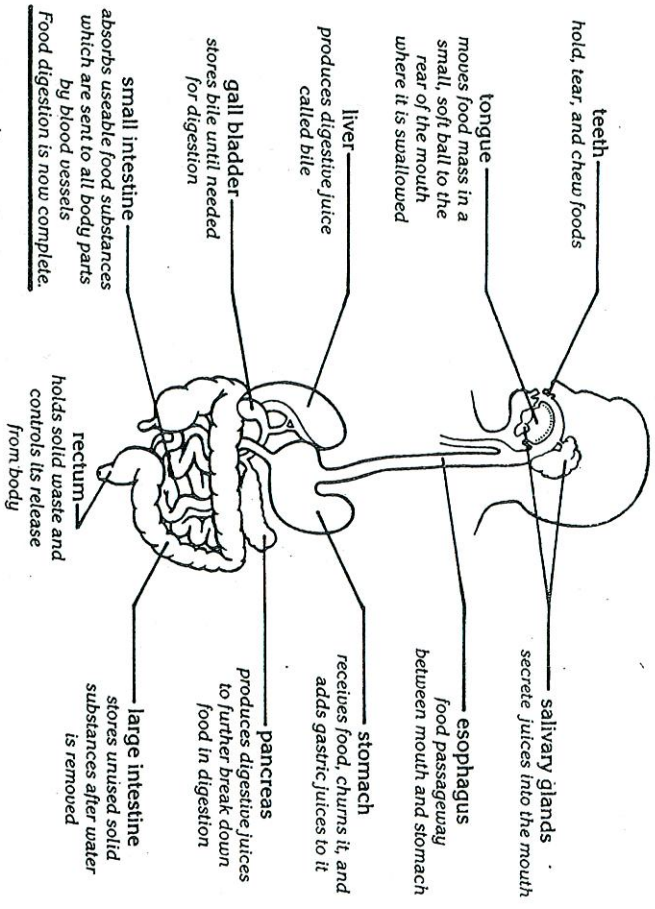


** (The appendix is not part of the digestive system.)*

DIRECTIONS: Please use your colored pencils to COLOR-CODE each organ of the Digestive System and its matching text label. (Circle or underline the text label with the same color as you chose for the organ.) Then, complete the assignment on the back of this sheet. The front and back of this assignment is one homework/classwork grade worth 100 points.

The Digestive System

The digestive system changes food into useable substances for the body.



Find the statement in Column B that best describes each word in Column A. Write the letter of that statement in the space provided.

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| <p>Column A</p> <ol style="list-style-type: none"> 1. _____ mouth 2. _____ large intestine 3. _____ liver 4. _____ stomach 5. _____ teeth 6. _____ small intestine 7. _____ salivary glands 8. _____ gall bladder 9. _____ villi | <p>Column B</p> <ol style="list-style-type: none"> A. makes bile B. produce juices in the mouth C. churns food, adds juices D. where digestion begins E. water removed, solids stored F. tiny, finger-like projections found in small intestine G. breaks, grinds food into pieces H. absorbs food, sends it throughout body I. stores bile |
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