Body Systems T-shirt Project

Objective: The purpose of this project is to acquaint each student with a basic overview of the different systems and functions of the body in terms of anatomy and function and allow each student to explore one system more fully.

Materials: Each student will need the following:
1. white t-shirt
2. markers or paint
3. textbook and notebook

Procedures:
1. Students will choose one of the listed systems of the body to draw and label on their shirt. *(label in black, brown, or blue)*
2. Students will need to list all major parts of the system and their functions on a reference sheet.
3. Students will need to draw the basic anatomy of the system of their choice *to scale* on their t-shirt. *(Anterior View only)*

Grading:
1. Students will be graded on their abilities to correctly identify the organs of their chosen system.
2. Students will be evaluated on their abilities to define the function of each organ as it is placed in the system.
3. Students will be evaluated on their abilities to accurately draw to scale & location, label, and color neatly their chosen system of the body.
4. Students will receive *Bonus Points* if they wear their shirt to school on the day that it is due.

Written:
1. List organs and their functions.
2. Include two fascinating facts you learned about your chosen system during your research.
T-shirt Project

Digestive System

1. Esophagus – approx size = 25cm, The primary function is to carry solid food and liquids to the stomach.
2. Stomach – it performs four major functions (1) bulk storage of food, (2) provides mechanical breakdown of food, (3) disrupts chemical bonds in food through the action of acids and enzymes, (4) the production of intrinsic factor a glycoprotein needed for B12 absorption. The end product is a mixture called Chyme.
3. Small Intestine- Duodenum
   Jejunum
   Ileum
4. Large Intestine - 1
   2
   3
5. Liver -
6. Gall Bladder -
7. Pancreas -

Include a written summary of your system explaining what it is responsible for in the body.