



Exploring the Human Body Lesson with Kwik Stix

Grade Level: 5
Subject: Science
Time: 45-60 minutes

Objectives:

- Students will learn about the human body
- Students will perform hands-on activities to understand and learn about the human body

Materials:

- Kwik Stix Solid Tempera Paint Sticks
- Paper
- Human Body Diagrams

Procedure:

- 1. Introduction (5 minutes):** Begin the lesson by discussing the importance of understanding the human body and how it functions.
- 2. Review Basic Human Body Systems (10 minutes):** Review the major systems of the human body, such as the circulatory system, respiratory system, skeletal system, muscular system, and digestive system.
Discuss the functions and key organs associated with each system. Use Kwik Stix to highlight important terms and symbols associated with the human body systems.
- 3. Human Body Visualization Activity (15 minutes):** Distribute paper to each student. Provide human body diagrams that include the major systems. Instruct the students to use Kwik Stix to visually represent the different systems and their corresponding organs on their whiteboards or paper.
- 4. Collaborative Body System Chart (20 minutes):** Create a body system chart on paper or the whiteboard, with sections for each major system. Divide the class into small groups and assign each group a different system. Provide each group with a set of human body diagrams related to their assigned system. Instruct the groups to work together to create visual representations of their assigned system on the chart paper or whiteboard using Kwik Stix. Encourage them to use different colors and labels to represent the organs and their functions within the system.
- 5. Body System Interactions (20 minutes):** Discuss how the different body systems interact and support each other. Assign each student a different body system and instruct them to draw arrows or connections using Kwik Stix between their system and the other systems on their paper.
- 6. Wrap-up and Reflection (5 minutes):** Conclude the lesson by discussing how Kwik Stix helped students visually represent and explore the human body systems in a creative way. Ask students to reflect on how the use of colors and visual representations enhanced their understanding of the human body and its functions.

Evaluation:

- Formatively assess students' understanding of the human body



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Learning Standards Addressed:

Next Generation Science Standards (NGSS):

- NGSS 5-LS1-1:
 - Support an argument that plants get the materials they need for growth chiefly from air and water.
- NGSS 5-LS1-2:
 - Write and draw about how a plant or animal in an environment can survive.

This lesson plan promotes how well students visually represent the different human body systems using Kwik Stix. Look for their use of colors, labels, and symbols to accurately represent the organs and their functions within the systems. During the collaborative body system chart activity, assess how effectively groups work together to create visual representations of their assigned body system. Look for their ability to accurately represent the organs, their functions, and their interactions on the chart. Pay attention to students' understanding of how the different body systems interact and support each other as they draw arrows or connections between their system and other systems. Encourage students to reflect on how Kwik Stix enhanced their ability to visually represent and explore the human body systems in a creative way. To ensure that your lesson plan aligns with any specific educational standards or curriculum guidelines in your region or school, make sure to refer to those standards and adjust the lesson accordingly.