

Lesson 8: Muscular and Digestive Systems and Hepatitis B

Teacher Notes

Objectives

1. Students will be able to explain the functions of the muscular and digestive systems
2. Students will be able to describe the biology behind Hepatitis B and its relationship to the liver
3. Students will be able to identify where to get more information about Hepatitis B

Pre-lesson (10 minutes)

1. Review parts of the body (e.g. stomach, mouth, etc...)
2. Discuss digestion and the process of eating, as prep for the lesson

Lesson – choose any of the following activities

Reading Comprehension (15 minutes)

1. First read the passage about the muscular system to the class.
2. Next have students read the passage silently.
3. Then have the students read aloud with a partner, taking turns.
4. Have the students complete the questions with a partner or individually.
5. Correct as a class.

Vocabulary Card Match (10 minutes)

1. Copy and cut up the Vocabulary Card Match page with the vocabulary word and the definitions.
2. Give half of the students a vocabulary word and the other half the definition.
3. Students walk around and try to match themselves with the correct definition.
4. Students can play “Memory” with the cards and a partner.

Label the Chart (10 minutes)

1. Look at the diagram of the human torso, as a class, on a projector.
2. Label the numbers on the diagram with words from the word box.
3. Have students write the words again on the lines below.

Sequencing and Writing (15 minutes)

1. Read the passage explaining the digestive system.
2. Then have students put the sentences in order. Have them number each sentence, starting with 1.
3. When students have finished numbering the sentences, have them write them below.

Conversation and Writing (10 minutes)

1. Have students read the digestive system dialogue with a partner.
2. If time, have the students perform this dialogue in front of the class.
3. Talk about the ways of maintaining a healthy digestive system, as a class.

Reading Comprehension (15 minutes)

1. First read the passage about Hepatitis B to the class.
2. Next have students read the passage silently.
3. Then have the students read aloud with a partner, taking turns.
4. Have the students complete the questions with a partner or individually.
5. Correct as a class.

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Assessment

Quiz (5-10 minutes)

1. As a formal assessment, give the quiz at the end of the lesson.
2. Check the quiz individually, or as a class.
3. Give informal feedback to students as you circulate and listen to them read, check questions and activities.

Extension

Glossary (10 minutes)

1. Have students write a variety of sentences about Hepatitis B, using the glossary.

Appendix of Internet Resources

- KidsHealth: <http://kidshealth.org>
- Interactive online tool of the digestive system: <https://kidshealth.org/en/kids/digestive-system.html>
 - This website includes a helpful video about the digestive system. Note: The speaker has an accent, so may be hard to understand. Teachers should evaluate.

Additional websites:

- National Institute of Diabetes and Digestive and Kidney Diseases:
<https://www.niddk.nih.gov/health-information/liver-disease/viral-hepatitis/hepatitis-b>
- Hepatitis Frequently Asked Questions for the Public - Centers for Disease Control and Prevention:
<https://www.cdc.gov/hepatitis-awareness/abcs/index.html>
- Hepatitis B - Mayo Clinic: www.mayoclinic.com/health/hepatitis-b/DS00398