

## Minnesota Department of Health EL Health Curriculum Answer Key – Lesson 8

### Lesson 8: Muscular and Digestive Systems and Hepatitis B

#### Reading Comprehension

1. a virus that attacks the liver
  2. extreme fatigue, jaundice, fever, diarrhea, abdominal pain, dark colored urine, light colored stool
  3. mother to baby during pregnancy, unprotected sex, injection drug use, sharing personal items such as toothbrushes or razors
  4. rest for acute HBV, medication or transplant for chronic HBV
- Critical Thinking: Get vaccinated, safe sex, use gloves, disinfect contaminated surfaces

#### Reading Comprehension T/F

1. True
2. False
3. True
4. True
5. False
6. True

#### Label the Chart

1. esophagus
2. liver
3. stomach
4. colon
5. small intestine
6. rectum
7. anus

**Sequencing:** 5, 6, 3, 2, 1, 4

#### Vocabulary Card Match

1. MOUTH & With your mouth, you chew food into smaller pieces. Chemicals in your saliva help to digest these food pieces.
2. ESOPHAGUS & Food moves down this tube-like body part after you swallow, with the help of muscle contractions. A little flap

covers the windpipe to prevent you from choking!

3. STOMACH & Strong acid (hydrochloric acid) in this organ breaks down proteins in your food.
4. LIVER & This organ makes a fluid called bile which helps release nutrients from your food. It also filters toxins out of the blood.
5. GALL BLADDER & This organ stores bile from the liver and releases it into the small intestine, which helps break down the fat in foods.
6. SMALL INTESTINE & Food moves from the stomach to this organ. Major digestion happens here, and nutrients are absorbed into the circulatory system.
7. LARGE INTESTINE & Undigested food from the small intestine ends up here. Excess water is absorbed by the body, and vitamins K and B are produced.
8. RECTUM & ANUS & Food from the large intestine passes through these body parts. This is where waste is eliminated.

#### Conversation

maintain a healthy diet, exercise, don't smoke, get vaccinated for Hep B

#### Quiz

1. d
2. a
3. b
4. c
5. c
6. d
7. a
8. Talk to doctor, websites: MDH, NIH

#### CCRS STANDARDS ALIGNMENT:

CCR Anchor 1 (Language): Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.

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- Produce and expand complete simple and compound declarative interrogative, imperative and exclamatory sentences in response to prompts.