

## Summative Task for Human Organ Systems (Gr. 5)

### Social Studies Overall Expectations:

- demonstrate an understanding of the structure and function of human body systems and interactions within and between systems
- investigate the structure and function of the major organs of various human body systems
- analyse the impact of human activities and technological innovations on human health

You are a famous virologist (virology is the study of viruses) who has discovered a new virus. Your colleagues have called upon you to report your discovery at "The New Life Convention." You have been asked to identify and explain:

- **Name of virus**
- **Host**
  - Where did the virus come from? (Animal bite? Transferred through air, liquid?)
  - What system(s) and organ(s) does the virus affect and why?
- **Transmission**
  - Why did the virus target the affected system?
  - What lifestyle choices would make people susceptible to this virus?
  - Describe how the system(s) and organ(s) are affected
- **Symptoms**
  - How does the damaged system impact other body systems?
- **Treatment**
  - What lifestyle choices would reduce the effects of the virus and promote better health?

Consider the following **vocabulary**: circulation, respiration, digestion, organs, and nutrients

**Graphic Organizer DUE:** \_\_\_\_\_

**Final Product DUE:** \_\_\_\_\_

### Graphic Organizer for Human Organ Systems Summative Task (Gr. 5)

<b>Name of virus</b>	
<b>Host</b>	<p>Where did the virus come from? (animal bite? Transferred through air, liquid?)</p> <p>What system(s) and organ(s) does the virus affect and why?</p>
<b>Transmission</b>	<p>Why did the virus target the affected system?</p> <p>What lifestyle choices would make people susceptible to this virus?</p>

	Describe how the system(s) and organ(s) are affected
<b>Symptoms</b>	How does the damaged system impact other body systems?
<b>Treatment</b>	What lifestyle choices would reduce the effects of the virus and promote better health?
<b>Personal Connection:</b>	
<b>Other Interesting Information</b>	

### Assessment for Summative Task for Human Organ Systems (Gr. 5)

	<b>Level 4</b>	<b>Level 3</b>	<b>Level 2</b>	<b>Level 1</b>
<p><b>Knowledge</b> Includes all information about the virus (name, host, transmission, symptoms, and treatment)</p>	comprehension of all of the content about the virus	comprehension of most of the content about the virus	comprehension of some of the content about the virus	limited comprehension of the content about the virus
<p><b>Inquiry</b> Use of planning skills (research, gathering information)</p> <p>Use of processing skills (analysing, interpreting, evaluating, forming conclusions)</p>	<p>Most important facts are included</p> <p>- several possessing skills are used with the gathered information</p>	<p>Many important facts are included</p> <p>- many possessing skills are used with the gathered information</p>	<p>Some important facts are included</p> <p>- some possessing skills are used with the gathered information</p>	<p>Few important facts are included</p> <p>- few possessing skills are used with the gathered information</p>
<p><b>Communication</b> Expresses and organizes thinking</p> <p>Communicates for intended audiences and purposes</p> <p>Uses grade appropriate vocabulary and terminology</p>	<p>clearly and concisely expresses and organizes information using a variety of forms (oral, visual, and written)</p> <p>effectively communicates for intended audience and purposes</p> <p>always uses appropriate vocabulary and terminology</p>	<p>expresses and organizes thinking using several forms (oral, visual, and written)</p> <p>communicates for intended audience and purposes</p> <p>usually uses appropriate vocabulary and terminology</p>	<p>expresses and organizes thinking using some forms (oral, visual, and written)</p> <p>somewhat communicates for intended audience and purposes</p> <p>sometimes uses appropriate vocabulary and terminology</p>	<p>expresses and organizes thinking using few forms (oral, visual, and written)</p> <p>has difficulty communicating for intended audience and purposes</p> <p>rarely uses appropriate vocabulary and terminology</p>
<p><b>Application</b> Connections among science, technology, society, and the environment</p> <p>Proposal of courses of practical action to deal with problems involving science, technology, society, and the environment</p>	<p>Makes several meaningful connections and reflects on the impact of the virus</p> <p>Proposes several reasonable ideas for lifestyle choices that would reduce the effects of the virus and promote better health</p>	<p>Makes meaningful connections and/or reflects on the impact of the virus</p> <p>Proposes many reasonable ideas for lifestyle choices that would reduce the effects of the virus and promote better health</p>	<p>Connection or reflection on the impact of the virus</p> <p>Proposes one idea for lifestyle choices that would reduce the effects of the virus and promote better health</p>	<p>Makes no meaningful connections and/or reflections on the impact of the virus</p> <p>Proposes for lifestyle choices that would reduce the effects of the virus and promote better health are weak or unrelated</p>

