

Summative Assessment #5 for **The Inside Story** **Cells, Organs, and Systems of the Human Body**

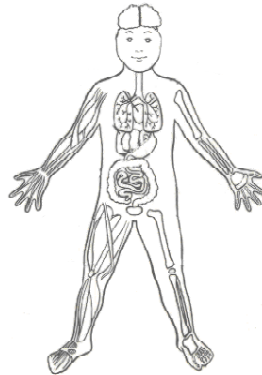


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Summative Assessment #5

Putting it all Together

Instructions

Type of Assessment: Performance

Standards Assessed: SC.F.1.2.1.4.1, SC.F.1.2.1.4.2, SC.F.1.2.1.4.3, LA.A.2.2.5.4.1, LA.B.2.2.1.4.1

Description of Assessment Activity: Students create a project to display their knowledge of the body organs and systems. This project may be in any media form chosen by the students including, but not limited to making a book, PowerPoint presentation, or poster which describes and illustrates the seven human body systems studied, including the main organs of the system and an explanation of the functions of these organs and systems. Student's organizational tools such as an outline or graphic organizer used in the preparation of the project must be included with the final project.

Teacher Directions: Duplicate the "Putting It All Together" project information and rubric for each student. Distribute these documents on the 8th day of this unit. The bottom portion of the project information document should be signed and returned the following day. Orally read and discuss both the documents. The completed project and organizational tools used must be turned in on the last day of the unit. An additional copy of these two documents should be posted in the classroom for student reference.

Student Directions: Listen as I read and discuss the "Putting It All Together" student information and rubric. Notice that you are responsible for describing and illustrating all seven of the systems of the human body that we have studied. It is important that you keep your outlines and illustrations used while planning your project, as these will be graded according to the rubric also.

Scoring Method and Criteria: The point assignments and suggested scoring guide are posted on the rubric. Remember that the points from the language arts portion and the science portion are tabulated independently and separate grades are assigned for each section. When using the rubric, place a check in each box that best applies. Multiply the number of checks in each column by the column point value. Add the product of each column to find the overall total points. Note that the points from the language arts portion and the science portion are tabulated independently and separate grades are assigned for each section.

Name _____

Today's Date _____

Due Date _____

Putting it all Together Project Information

The purpose of this project is for you to show what you have learned about the human body organs and systems as well as what you have learned about organizing your information and thoughts. This project will be assigned two grades, one for science content and one for language arts. A rubric is attached that explains how this will be graded.

The project may take any form you choose such as a book, PowerPoint presentation, report with illustrations, or a poster. It must include the following:

- _____ 1. All seven of the body systems that we have studied must be illustrated with major organs labeled.
- _____ 2. Organs and functions of each body system must be described in paragraph form.
- _____ 3. Each system description must contain details about the major organs and how they help the system function.
- _____ 4. The notes, outlines, comments, drawings, drafts, and any other tools you used to plan your project must be turned in. Because these are working tools, we will be evaluating them on your ability to organize your thoughts and plan in writing and drawings. They are not expected to look like a final product but rather like a working tool.

I have read the information above and reviewed the attached rubric. I am aware that my child _____ has a science/
language arts project due on _____. I understand that some time will be allotted for this project in class, but my child may need
to work on the project at home, too. Parent's signature _____ Date _____

Name _____

Putting it all Together Language Arts Rubric Summative Assessments #5

This section of the rubric is used to assess student’s planning for the project as well as the writing content.

Standard	Excellent 3 points each	Satisfactory 2 points each	Needs Work 1 point each	Unsatisfactory 0 points each
L.A.A.2.2.5.4.1 Reads and organizes information	<ul style="list-style-type: none"> <input type="checkbox"/> Notes for the project are well organized. <input type="checkbox"/> Illustrations for the project are well organized. 	<ul style="list-style-type: none"> <input type="checkbox"/> Notes for the project are somewhat organized, but some errors may be present. <input type="checkbox"/> Illustrations for the project are somewhat organized, but some errors may be present. 	<ul style="list-style-type: none"> <input type="checkbox"/> An attempt was made to organize notes for the project, but many errors are present. <input type="checkbox"/> An attempt was made to organize illustrations for the project, but many errors are present. 	<ul style="list-style-type: none"> <input type="checkbox"/> No attempt was made to organize information for the project.
L.A.B.2.2.1.4.1 Writes comments or observations that reflect comprehension	<ul style="list-style-type: none"> <input type="checkbox"/> Writing shows full comprehension of the science content. 	<ul style="list-style-type: none"> <input type="checkbox"/> Writing shows some comprehension of the science content. 	<ul style="list-style-type: none"> <input type="checkbox"/> Writing shows little comprehension of the science content. 	<ul style="list-style-type: none"> <input type="checkbox"/> No attempt was made to write notes, comments, or observations that show understanding of the science content.

Suggested grading scale: A = 9 - 8, B = 7 - 6, C = 5 - 3, D = 2 - 1, F = 0

Putting it all Together Science Rubric

Summative Assessments #5

This section of the rubric is used to assess student’s knowledge of the human body organs and systems.

Standard	Excellent 3 points each	Satisfactory 2 points each	Needs Work 1 point each	Unsatisfactory 0 points each
SC.F.1.2.1.4.1 Knows that complex animals have organs to carry out life processes	<input type="checkbox"/> All organs studied for each system are included in the illustrations.	<input type="checkbox"/> Most of organs for each system are included in the illustrations	<input type="checkbox"/> Few organs for each system are included in the illustrations.	<input type="checkbox"/> No attempt is made to include organs in the illustrations.
	<input type="checkbox"/> All organs included are correctly labeled.	<input type="checkbox"/> Most of the organs included are correctly labeled.	<input type="checkbox"/> Few of the organs included are correctly labeled.	<input type="checkbox"/> No labels are included.
	<input type="checkbox"/> Descriptions of the organs are accurate .	<input type="checkbox"/> Descriptions of the organs have few mistakes in the details.	<input type="checkbox"/> Descriptions of the organs have many mistakes in the details.	<input type="checkbox"/> No functions are described.
SC.F.1.2.1.4.2 Knows body systems	<input type="checkbox"/> All seven body systems studied are included.	<input type="checkbox"/> Four to six body systems are included.	<input type="checkbox"/> One to three body systems are included.	<input type="checkbox"/> No body systems are evident.
SC.F.1.2.1.4.3 Understands function of body systems	<input type="checkbox"/> All seven body systems have a description of the functions of that system.	<input type="checkbox"/> Four to six of the body systems have a description of the functions of that system.	<input type="checkbox"/> One to three of the body systems have a description of the functions of that system.	<input type="checkbox"/> No descriptions of the body systems functions are included.
	<input type="checkbox"/> Each description is accurate .	<input type="checkbox"/> There are few errors in the details.	<input type="checkbox"/> There are many errors in the details.	<input type="checkbox"/> No details are given.

Suggested grading scale: A = 18 - 15, B = 14 - 11, C = 10 - 7, D = 6 - 2, F = 1- 0