Cells Unit Task

Your final task in the cells unit will be to research a cell, organ, or body system and present the information in an interesting manner of your choice. Some possibilities are listed below:

|  |  |  |
| --- | --- | --- |
| Conduct an interview | Write a story | Make an informational pamphlet |
| Draw a cartoon strip | **Your choice! (Let’s talk about it.)** | Direct an Educational Movie |
| Create a children’s book | Design a trivia board game | Build a model |

Must include:

·         What it does

·         How it works (including its parts)

·         How it affects/works in the body

·         Explanation of a disease or disorder that affects its function

·         Possible treatments for the disease or disorder

Possible choices:

·         **Specialized cells**: nerve cells, red blood cells, white blood cells (Leukocytes), skeletal muscle cells, cardiac muscle cells, smooth muscle cells, bone cells, epithelial cells, cartilage cells (chondrocytes), sperm cells

·         **Organs**: heart, lungs, kidneys, pancreas, liver, small intestine, large intestine, brain, pituitary gland, thyroid, bladder, spleen, stomach

·         **Body systems**: immune, digestive, nervous, circulatory, integumentary, reproductive, respiratory, endocrine, lymphatic, skeletal, muscular, excretory

Each person will be assigned a different body part.

This is an individual project.

It will be due on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Evaluation rubric is on the back, so please attach this sheet of paper to your final product.

**Body Part**

Did you include what your body part does?

Did you describe its special components and what they do?

Did you explain how your body part works with other parts in the body?

**Disease/Disorder**

Did you include general information about your disease/disorder? (Who it affects, How many people have it, How you get it, etc.)

Did you explain how your body part is affected by the disease/disorder?

Did you discuss if this disease/disorder has a cure or if it can be treated and how?

**Creativity/Effort**

Did you present your information in an interesting manner?

Did you put your best effort into this project?

Did you check your spelling of key words? Use capital letters? And punctuation?

If you can honestly answer “yes” to each of these questions and not “sort of” or “not really”, then you have completed what has been asked of you. Yay!

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Level 1** | **Level 2** | **Level 3** | **Level 4** |
| **Body Part** | Yes to one of the three questions. | Yes to two of the three questions. | Yes to all three questions. | Yes to all three questions and more! |
| **Disease or Disorder** | Yes to one of the three questions. | Yes to two of the three questions. | Yes to all three questions. | Yes to all three questions and more! |
| **Creativity and Effort** | Yes to one of the three questions. | Yes to two of the three questions. | Yes to all three questions. | Yes to all three questions and more! |