Animal Cell Specialization Report

Using online and printed resources, research a specialized animal cell and collect the following information about the type of cell:

1. Where in the body are these cells found?
2. What do these cells do?  
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Does the cell produce special substances?  
     
     
   These special substances are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. These special substances allow the cell to \_\_\_\_\_\_\_\_\_\_\_\_\_  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Does the cell have a special shape?
6. This special shape is useful because\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
     
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Any special information of your choice about this cell type:  
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Cell Drawing:

Prepare a presentation of the researched information in the format of your choice (slide show, poster, oral presentation...) and include a written report that contains the essential information that you found out. Include a list of resources that you used to find the information. Use the attached rubric as a guide for your work.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Level R | Level 1 | Level 2 | Level 3 | Level 4 |
| Presentation | The presentation is incomplete, lacks a logical foundation and is confusing. A complete lack of visual aids. | A partially complete presentation with some important points. Delivered in a somewhat understandable format, creating some confusion. A noticeable lack of detail and little useful visual aids used to illustrate important points. | A mostly complete presentation, missing some important points, delivered in a somewhat logical format. Some confusing points and some lack of detail. Some useful visual aids are used. | A thorough presentation, missing few important points, delivered in a detailed and logical format. Visual aids are useful in illustrating points. | A highly thorough and detailed presentation of all important facts, presented in an easy to follow format. Visual aids are highly useful in illustrating important features. |
| Report | Incomplete or inaccurate information. Drawing is missing or has few or no labels. Content is single source and/or obviously copied. | A somewhat complete report with a low quality drawing and little detail. Drawing is missing some labels and lacks detail. Content is based on one or two sources and has large portions that are virtually copies of online resources. | A mostly complete report with some detail. The drawing has most labels and some detail. Content is based on a moderate variety of resources. The information has been synthesized into a largely original format. | A complete report with a detailed and labelled drawing. Content is based on a variety of quality sources and the information has been synthesized into an original format. | A complete report with a highly detailed and completely labelled drawing. The content is based on a large variety of high quality resources and has been synthesized into a highly original format. |
| Use of class time | Little or no class time was used for work. Lacked materials necessary for task completion. Constant off-task behaviour. | Used some class time for task completion. Brought materials needed for task completion on some occasions. Regular off-task behaviour. | Used class time effectively on many occasions. Brought materials needed for task completion many times. Some off task behaviour. | Used class time effectively most of the time. Brought materials necessary for task completion most of the time. Little off-task behaviour. | Always used class time effectively and brought necessary materials all the time. No off-task behaviour. |