|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | emerging 1 | Developing 2-3 | Proficient 3-4 | advanced 5 |
| cell theory | 2 parts are incorrect or missing | 1 part is incorrect or missing | all parts are present and correct | all parts are present, correct and elaborated upon |
| Comparing and contrasting major types of cells  1. prokaryotic vs. eukaryotic  2.animal vs. plant | 2 or more cell(s) are missing or it’s information is incorrect | 1 cell is missing or it’s information is incorrect | all cells are present and information is correct | all cells are present, the information is correct and elaborated upon |
| Organelles and their functions  Organelles:   1. nucleus 2. nucleolus 3. cytoplasm​ 4. Golgi apparatus 5. lysosome 6. vesicle 7. cell membrane 8. Mitochondria 9. vacuole 10. ​cell wall - plant only! 11. chloroplast - plant only! 12. smooth endoplasmic reticulum 13. rough endoplasmic reticulum 14. ribosomes | The majority of organelles are missing or the majority of information is incorrect | some organelles are missing or some information is incorrect | all organelles are present and the information is correct | all organelles are present, the information is correct and elaborated upon |
| Protein Synthesis | The majority of steps are missing or incorrect | the majority of steps are present and correct | all steps are present and correct | all steps are present correct and elaborated upon |
| **Infographic** | Digital media/visual displays are confusing, extraneous, or distracting | Digital media or visual displays are informative and relevant | Digital media or visual displays are appealing, informative, and support audience engagement and understanding | Digital media or visual displays are polished, informative, and support audience engagement and understanding |
| **Written Communication** | 5 or more errors | 3-4 errors | 1-2 errors | No error |
| **Creativity** | No creative element present | Infographic displays some creative elements but lacks original layout | Infographic displays creative elements and has a some unique components | Infographic is laid out and information is present in a creative manner |
| **Citations** | Not present | N/A | N/A | Present |

45 Possible points

|  |  |
| --- | --- |
| Score | Grade |
| 40 - 45 | 89 - 100 |
| 35 -39 | 78 - 88 |
| 30 - 34 | 67 - 77 |
| 25 - 29 | 56 - 66 |