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| **Mulberry Elementary** |
| ***Cell Project (STEM)*** |
| |  |  | | --- | --- | | Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Teacher: Mr. Wenger |  |  |  | | --- | --- | | Date : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Title of Work: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
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| |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | |  | **Criteria** | **Points** | | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | 1 | 2 | 3 | 4 |  | | **The group works well and efficiently together.** | The members of the group do not use their time efficiently, they often argue, and most of their unit is incomplete. | The members of the group often waste time, work separately, and only finish part of their unit. | The members of the group usually use their time well, work together to collaborate, and complete all components of their unit. | Each member of the group uses their time well, works together to collaborate, and completes all components of the unit. | \_\_\_\_ | | **The visual display matching the cells with their descriptions and labels is well done.** | The cells matching pictures and descriptions are incorrect OR there is no visual display. | Some of the cells have matching picture and descriptions OR the overall display is disorganized and difficult to follow. | Most all of the cells have matching pictures and descriptions. The overall display is neat, organized, and mostly visually appealing. | All of the cells have matching pictures and descriptions. The overall display is neat, organized, and visually appealing. | \_\_\_\_ | | **The lab model meets the required criteria.** | The group is unable to construct a lab in the time given OR the lab does not meet any of the requirements given. | The lab does not meet the requirements or has unreasonable organization. | The entire lab meets requirements, has reasonable organization, and is unable to protect the cells during the storm. | The entire lab meets requirements, has reasonable organization, and is able to protect the cells during the storm. | \_\_\_\_ | | **The cell growth rate chart is connected to the cell visual display.** | The group fails to complete the mathematical calculations OR most of the calculations are incorrect. | Some of the mathematical calculations are correct and the cart is connected/attached to the cell visual display. | Most of the mathematical calculations are correct and the cart is connected/attached to the cell visual display. | All of the mathematical calculations are correct and the chart is connected/attached to the cell visual display. | \_\_\_\_ | | **The proposal is well thought out, has a user friendly format, and has strong persuasive reasoning.** | The proposal is very limited in its effectiveness due to little detail, an unorganized format, and/or no persuasive reasoning. | The proposal lacks enough detail, is difficult to follow, and lacks persuasive reasoning. | The proposal is mostly well thought out, has a user friendly format, is visually appealing, and has some persuasive reasoning. | The proposal is well thought out, has a user friendly format, is visually appealing, and has strong persuasive reasoning. | \_\_\_\_ | |  |  |  |  | **Total---->** | \_\_\_\_ | | |
| **Teacher Comments**: |
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