| **Criteria**  **Onion, Elodea, Cheek Lab Report Rubric** | **Grading Scale** |
| --- | --- |
| **Written in proper Format**  Written in Times Roman, Calebri, Arial, Size 12, 1.5 spacing. | |  |  |  |  | | --- | --- | --- | --- | | **4**  Excellent-All format followed and very professional looking report. | **3**  Good-All format followed. Nice looking report. | **2**  Satisfactory-Missing 2 areas of format, presentation lacking | **1**  Needs Improvement-More than 2 missing, not professional. Many grammar and spelling errors | |
| **Written in 3rd person** | |  |  |  |  | | --- | --- | --- | --- | | **4**  Excellent-Full paper in 3rd person format | **3**  Good-95% of paper written in 3rd person format | **2**  Satisfactory-Full paper switches back and forth from 3rd to 1st person | **1**  Needs Improvement-Non of the paper is written in third person | |
| **Followed Template** | |  |  |  |  | | --- | --- | --- | --- | | **4**  Excellent-Template followed exceptionally and added own improvements to make the report look more professional | **3**  Good-Followed format but missing one section | **2**  Satisfactory-Followed format but missing more than one sections | **1**  Needs Improvement-did not follow format | |
| **Background Information**  Background necessary for understanding purpose of lab | |  |  |  |  | | --- | --- | --- | --- | | **4**  Excellent-All pre-lab questions were included and elaborated or well explained in proper paragraph(s). | **3**  Good-pre-lab questions were answered but could use better explanation. Written in proper paragraph form | **2**  Satisfactory-pre-lab questions were not well answered and paragraph were not well developed | **1**  Needs Improvement-not all pre-lab questions were answered and paragraph were not properly written | |
| **Methods and Materials**  How the slides were performed and what materials were used | |  |  |  |  | | --- | --- | --- | --- | | **4**  Excellent-Methods and materials were written in a way that the reader could easily follow the steps performed and could mimic lab procedure. Well written paragraphs | **3**  Good-Methods and materials were written in a way that the reader could follow the steps well enough to mimic steps used. Well written paragraphs | **2**  Satisfactory-Methods and materials were written with slight confusion of how to perform steps if wanting to mimic procedures. Paragraph written well with minimal errors | **1**  Needs improvement-Methods and materials were confusing and procedures were not easily followed. Paragraphs not well developed | |
| **Results and Discussion-Observations of onion slides**  Description of Onion slides in all magnifications | |  |  |  |  | | --- | --- | --- | --- | | **4**  Excellent-Slides very well described in all magnifications with a clear image of what was seen through description. | **3**  Good-Slides described in all magnifications of what was seen. | **2**  Satisfactory-Slide described but missing one magnifications. Description missing some clarity on what is being described. | **1**  Needs improvement-Slide descriptions present but missing more than one magnification-Not clear on what is being described | |
| **Results and Discussion-Observation of Elodea leaf**  Description of Elodea leaf in all magnification. | |  |  |  |  | | --- | --- | --- | --- | | **4**  Excellent-Slides very well described in all magnifications with a clear image of what was seen through description. | **3**  Good--Slides described in all magnifications of what was seen. | **2**  Satisfactory-Slide described but missing one magnifications. Description missing some clarity on what is being described. | **1**  Needs improvement-Slide descriptions present but missing more than one magnification-Not clear on what is being described | |
| **Results and Discussion-Observation of Cheek Cells**  Description of Cheek Cells in all magnification. | |  |  |  |  | | --- | --- | --- | --- | | **4**  Excellent-Slides very well described in all magnifications with a clear image of what was seen through description. | **3**  Good-Slides described in all magnifications of what was seen. | **2**  Satisfactory-Slide described but missing one magnifications. Description missing some clarity on what is being described. | **1**  Needs improvement-Slide descriptions present but missing more than one magnification-Not clear on what is being described | |
| **Results and Discussion-Post Lab Questions**  All post lab questions | |  |  |  |  | | --- | --- | --- | --- | | **4**  Excellent-All post lab questions from the onion and cheek cells answered and written in proper paragraph form with great explanation and elaboration of question's answers | **3**  Good-All post lab questions from the onion and cheek cells answered and written in proper paragraph form | **2**  Satisfactory-No more than three post lab questions from the onion and cheek cells answered and written in proper paragraph form or paragraphs not well developed and confusing. | **1**  Needs improvement-More than three post lab questions from the onion and cheek cells answered and written in proper paragraph form or paragraphs not well developed and confusing. | |
| **Spelling and Grammar** | |  |  |  |  | | --- | --- | --- | --- | | **4**  Excellent-All spelling and grammar is correct | **3**  Good-Few spelling and grammar errors. | **2**  Satisfactory-many grammar and spelling error | **1**  Needs improvement-Lowest number possible in this section is a 2 | |
| **Bonus Points**  40 is the max number for 100 on paper-anything over is bonus points | |  |  |  |  | | --- | --- | --- | --- | | **4**  4 bonus points-8 digital images-3 onion, 3 elodea, 2 cheek | **3**  3 bonus points-6 digital images any magnification any slide | **2**  2 bonus points-4 digital images any magnification any slide | **1**  Extra bonus point-Cheek Cell magnification-tough one so single point | |

Total pts: 40

Bonus Point\_\_\_