| **Criteria****Onion, Elodea, Cheek Lab Report Rubric** | **Grading Scale** |
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| **Written in proper Format**Written in Times Roman, Calebri, Arial, Size 12, 1.5 spacing. |

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| --- | --- | --- | --- |
| **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 |

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| **Written in 3rd person** |

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| **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 |

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| **Followed Template** |

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| **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 |

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| **Background Information**Background necessary for understanding purpose of lab |

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| **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 |

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| **Methods and Materials**How the slides were performed and what materials were used |

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| **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 |

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| **Results and Discussion-Observations of onion slides**Description of Onion slides in all magnifications |

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| **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 |

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| **Results and Discussion-Observation of Elodea leaf**Description of Elodea leaf in all magnification. |

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| **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 |

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| **Results and Discussion-Observation of Cheek Cells**Description of Cheek Cells in all magnification. |

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| **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 |

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| **Results and Discussion-Post Lab Questions**All post lab questions |

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| **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. |

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| **Spelling and Grammar** |

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| --- | --- | --- | --- |
| **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 |

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| **Bonus Points**40 is the max number for 100 on paper-anything over is bonus points |

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| --- | --- | --- | --- |
| **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 |

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Total pts: 40

Bonus Point\_\_\_