Physics

Rubric - Lab 3: Linear Motion Practical Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Teacher Copy)

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| --- | --- | --- | --- | --- | --- | --- |
|  | 5 | 4 | 3 | 2 | 1 | 0 |
| Solution Presentation | All students present measurements, calculations/reasoning and final solution | Only one or two students present measurements, calculations/reasoning and final solution | One or both students present 2 out of the 3 criteria: measurements, calculations/reasoning or final solution. | One or both students present their calculations/reasoning or final solution. | One or both students present just their measurements. | No presentation of a final solution or work is made. |
| Solution Trial | Lands on the coal car. | Lands on the engine, or misses the coal car by 5 cm or less | Misses the coal car by 6 cm – 15 cm | Misses the coal car by 16 cm – 25 cm | Misses the coal car by 26 cm – 35 cm | Misses the coal car by more than 36 cm |
| Partner Evaluation | Submits a partner evaluation. Partner evaluates at 9 or 10, with good reason. Teacher observes strong participation and contributions. | Submits a partner evaluation. Partner evaluates at 7 or 8, with good reason. Teacher observes strong participation, but only moderate contributions. | Submits a partner evaluation. Partner evaluates at 5 or 6, with good reason. Teacher observes moderate participation, but moderate or little contribution. | Submits a partner evaluation. Partner evaluates at 3 or 4, with good reason. Teacher observes little participation, and no real contribution. | Submits a partner evaluation. Partner evaluates at 1 or 2, with good reason. Teacher observes no participation or contributions | Does not submit a partner evaluation. |

Physics

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| --- | --- | --- | --- | --- | --- | --- |
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| Partner Evaluation | Submits a partner evaluation. Rated “excellent” by partner and teacher. | Submits a partner evaluation. Rated “good” by partner and teacher. | Submits a partner evaluation. Rated “average” by partner and teacher. | Submits a partner evaluation. Rated “fair” by partner and teacher. | Submits a partner evaluation. Rated “poor” by partner and teacher. | Does not submit a partner evaluation. |

Total: \_\_\_\_\_\_\_\_\_\_\_/ 15