**KINEMATICS UNIT SUMMATIVE TASK –COMIC STRIP**

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| **Knowledge & Understanding** – *Subject-specific content acquired in each course and the comprehension of its meaning and significance* |

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| **Categories** | **Level 0**  **0 – 49%** | **Level 1**  **50 – 59%** | **Level 2**  **60 – 69%** | **Level 3**  **70 – 79%** | **Level 4**  **80 – 100%** |
| **Minimum of 2 Formulas** | No formulas are included |  | 1 formula is included | 2 formulas are included | More than 2 formulas are included |
| **Minimum of 4 Concepts or Terms**  (concepts, ideas, theories, principles, procedures, processes) | No concepts or terms are included | 1 concept or term is included | 2 concepts or terms are included | 3 concepts or terms are included | 4 or more concepts or terms are included |

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| **Thinking and Investigation** – *The use of critical and creative thinking skills and inquiry, research, and problem-solving skills and / or processes* |

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| **Categories** | **Level 0**  **0 – 49%** | **Level 1**  **50 – 59%** | **Level 2**  **60 – 69%** | **Level 3**  **70 – 79%** | **Level 4**  **80 – 100%** |
| **Use of initiating and planning skills and strategies** | Initiating and planning skills have not been used with any effectiveness | Uses initiating and planning skills and strategies with limited effectiveness | Uses initiating and planning skills and strategies with some effectiveness | Uses initiating and planning skills and strategies with considerable effectiveness | Uses initiating and planning skills and strategies with a high degree of effectiveness |
| **Entertaining** | The comic is not complete | The comic is not entertaining | The comic is somewhat entertaining | The comic is entertaining | The comic is highly entertaining |
| **Overall Impression** | The comic is not complete | The comic has limited effectiveness | The comic is somewhat effective | The comic is effective | The comic is highly effective |

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| **Communication** – *The conveying of meaning through various forms* |

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| **Minimum of Six Frames** | 0 frames | Less than 3 frames | 3 to 4 frames | 5 frames | 6 or more frames |
| **Organization** | There is no story present | The story has limited organization and cannot be followed | The story is somewhat organized and can be followed with some difficulty | The story is organized and easy to follow | The story is highly organized and easy to follow |
| **Spelling, Grammar, Units** | Spelling, grammar and unit have not been used with any effectiveness | Uses spelling, grammar, units with limited effectiveness | Uses spelling, grammar, units with some effectiveness | Uses spelling, grammar, units with considerable effectiveness | Uses spelling, grammar, units with a high degree of effectiveness |

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| **Application** – *The use of knowledge and skills to make connections within and between various contexts* |

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| **Categories** | **Level 0**  **0 – 49%** | **Level 1**  **50 – 59%** | **Level 2**  **60 – 69%** | **Level 3**  **70 – 79%** | **Level 4**  **80 – 100%** |
| **Application of formulas to physics in the comic strip** | No physics formulas are present | The formulas do not accurately describe the physics in the comic strip | The formulas have been used to describe physics in the comic strip somewhat effectively | The formulas have been used to describe physics in the comic strip effectively | The formulas have been used to describe the physics in the comic strip in a highly effective manner |
| **Use of physics concepts and terms in the comic strip** | No physics concepts and terms have been used in the comic strip | The physics concepts and terms used are not appropriate for the situation in the comic strip | The physics concepts and terms used are somewhat appropriate for the situation in the comic strip | The physics concepts and terms are appropriate for the situation in the comic strip | The physics concepts and terms are highly appropriate for the situation in the comic strip |