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| **Lesson Plan:**  |

**Prescribed learning outcomes:**

**C6** explain the relationship of displacement and time interval to velocity for objects in uniform motion

**C7** demonstrate the relationship between velocity, time interval, and acceleration

**Big Ideas and Skills learned at end of unit**

1. Describe, interpret, calculate, experiment, and graph relationships between displacement, velocity, and acceleration given a storyline
2. Appreciate the importance of units and dimensional analysis
3. Understand the importance of direction in vector quantities and apply this in realistic situations

**Material and equipment needed**

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| Quizzes marked | Video | Review Pkg 2 |

**Assessment Plan:**

**Formative -** Quiz and group quiz

**Hook and Introduction**

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| **Time** | **Activity** | **Teaching notes** | **Assessment** |
| 12:20 - 12:30 | * The physics of flying
 | https://www.youtube.com/watch?v=BDpxSLv89Y8 |  |

**Development**

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| **Time** | **Activity** | **Teaching notes** | **Assessment** |
| 12:30 - 12:55 | * Go over quiz
 | * SHOW YOUR WORRK
* FULL GRAPHH
* SIG FIG?
 |  |
| 12:55-1:30 | * Review session
 | * Ms. Li's review package 2
* Go around to help
* Can do sample problems in the front if need
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**Closure**

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| **Time** | **Activity** | **Teaching notes** | **Assessment** |
| 1:30 - 1:40  | * Instructions for Unit Test next day
 | Come 10 mins before 12:20pm - set up test and Ms. Li needs to show you a game you need to play over the weekendFormula sheet given - test will have multiple choice, written/calculations, and graphing!! |  |