Physics G

Momentum

(Chapter 6 Syllabus)

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| **A/B** | In Class: | Due on this class: | |
| **1**  **Apr**  **2/3** | **GW**-Momentum exploration  **GW**-P6.0 1-3, 6, 7-9, 13-15  **GW**-FA6.0 | **VF 6A,6 B, 6C**  Turn in P6.0:1-3, 6, 7-9, 13-15 | |
| **2**  **Apr**  **4/5** | **SA6.0-Impulse and Momentum (first 30)**  **VF**-6D Rocket Science  DI-Rocket Demos | Turn in FA6.0 | |
| **3**  **Apr**  **8/9** | GW-Rocket Science Quizlette (6.1) | **VF 6D** (finish it up)  Turn in Rocket Science Quizlette 6.1 | |
| **4**  **Apr**  **10/11** | **SA6.1-Rocket Science (first 30)**  **VF**-6E – Conservation of Momentum | Turn In FA6.1 | |
| **5**  **Apr**  **15/16** | **DI**-Physics Cannon  **GW**-COM Quizlette 6.2  **GW**-COM Lab | **VF 6E** (finish it up)  **VF Conservation of momentum lab (First video)**  Turn in Physics Cannon Lab | |
| **6**  **Apr**  **17/18** | **DI**-Demos part 1  Transmogrification  Rubber bullets/Pelton  Explosions  **GW**-COM Quizlette 6.2  **GW**-COM Lab |  | |
| **7**  **Apr**  **19/22** | **DI**-Demos part 2  Re-inventing the automobile  Match rockets  **GW**-COM Quizlette 6.2  **GW**-COM Lab |  | |
| **8**  **Apr**  **23/24** | **SA6.2-Conservation of Momentum (first 30)**  **VF**-12A, 12B, 12C | Turn in Conservation of Momentum Lab | |
| **1**  **Apr**  **25/26** | **Vaves, Ja!!** | **VF-12A, 12B, 12C** | |
| Assignments:   * 2 Labs:   + *Clocking the Physics Cannon* lab – (in class) /20 pts   + *Conservation of Momentum* lab – (on air track) /30 pts * 3 Formative/Summative assessments (10 pts each)   + 6.0 Impulse and Momentum   + 6.1: Rocket Science   + 6.2: Conservation of Momentum | | |