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 ScienceDI-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 1TransmogrificationRubber bullets/PeltonExplosions**GW**-COM Quizlette 6.2**GW**-COM Lab |  |
| **7****Apr****19/22** | **DI**-Demos part 2Re-inventing the automobileMatch 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
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