**Physics G**

Chapter 7 Syllabus

Gravity and Circular Motion

|  |  |  |
| --- | --- | --- |
| A/B | In Class | Due on this class |
| 1  Jan  28/29 | **DI**-Barrel of Bricks  **GW**-Plate Lab  **GW**-Circular Motion Quizlette (7.1) | **VF 7A Centripetal Acceleration**  **VF 7B Centripetal Force**  Turn in Plate Lab |
| 2  Jan  30/31 | **GW**-Circular Motion Quizlette  **GW**-FA7.1 - Circular Motion | Turn in QL 7.1 – Circular motion |
| %$#  Feb  3/4 | Valuable Standardized Testing (VST) | |
| \*&%  Feb  5/6 | Valuable Standardized Testing (VST) | |
| 3  Feb  7/10 | **SA7.1-Circular Motion (first 30)**  **VF**-7C Vertical Circle  **DI**-Vertical Circle Demos | Turn in FA 7.1 |
| 4  Feb  11/12 | **GW**-Vertical Circle Quizlette (7.2) | **VF 7C Vertical Circle** |
| 5  Feb  13/18 | **GW**-Vertical Circle QL  **GW**-FA7.2 | Turn in QL7.2 – Vertical Circle |
| 6  Feb  19/20 | **SA7.2-Vertical Circle (first 30)**  **VF**-7D 7E - Gravity and Fundamental Forces  **GW**-Gravity Questions | Turn in FA7.2 |
| 7  Feb  21/24 | **GW**-Gravity and Orbit QL  **GW**-Orbit Lab  **GW**-FA7.3 | **VF 7F Orbit Problems** |
| 8  Feb  26/27 | **DI**-Banked Corners  **GW**-Gravity and Orbit QL  **GW**-Orbit Lab  **GW**-FA7.3 | **VF 7G Kepler's Laws**  **VF 7H Banked Corners**  Turn in Orbit Lab  Turn in QL 7.3 – Orbit and Gravity |
| 9  Feb 28/  Mar 2 | **SA7.3-Orbit and Gravity (first 30)**  **VF**-5A Calculating Work  **DI** – Calculating Power (5B) | Turn in FA7.3 |
|  | **JAMBALAYA!! (or power and work)** | **VF 5C Jambalaya** |

|  |  |
| --- | --- |
| Assignments:   * 2 Labs:   + *Plate Lab –* In class marble and plate thingy   + *Orbit lab* – (Simulation on computer) /25 pts * 3 Quizlettes/Formative/Summative Assessments:   + 7.1 - Circular Motion   + 7.2 - Gravity and Vertical Circle   + 7.3 - Orbit | Handouts: |