**The Rest of the Year Schedule**

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| May 1 | | Introduction to the websites for research | | |  |
| May 3 | | Finish labs/SA 27.1, 27.2, 30.1, 30.2/Websites | | |  |
| May 7 | | Finish labs/SA 27.1, 27.2, 30.1, 30.2/Websites/Organize Oaks Park | | |  |
| May 9 | | Work on Oaks Park/Websites/Extravaganza | | |  |
| May 11 | | **Oaks Park Oaks Park Oaks Park Oaks Park Oaks Park Oaks** | | |  |
| May 15 | | Prep for the Extravaganza/Websites | | |  |
| May 17 | | Prep for the Extravaganza/Websites/Handouts - Noteguides | | |  |
|  | **Relativity - Chapters 26 and 33** | |  | |  |
| **A/B** | In Class | | Due on this class | | If You miss this class: |
| **1** May21 | Basic ideas: Time, Length, mass  Work on p26.1 Time, Length, Mass | | **Video Flip:** Videos 26: A - F  -The Michelson-Morley experiment  -Einstein's Gedanken  -The two postulates of Special Relativity  -Time Dilation  -The Twin Paradox and relative time  -Length Contraction and 4-D space-time  -Mass Dilation and the ultimate speed limit of the Universe | | **Read:** 26.1-6  **Watch:** Videos 26: A-F |
| **2** May23 | Twin "Paradox"  Basic formulas  Work on p26.1 - Relative addition of velocities  Work on p26.2 - Relativistic kinetic energy | | **Video Flip:** Videos 26: G-I  -Simultaneity  -Mass and energy: Relativistic kinetic energy  -Relativistic addition of velocities  -Energy-momentum relationship | | **Read:** 26.7-11  **Watch:** Videos 26: G-I |
| **May**  **23** | Extravaganza  (3:30 - 5:30 Setup in the commons)  6:00 - 7:00 in the commons  7:30 to 8:30 in the auditorium with Rhys | |  | |  |
| **3**  **May**  **25** | Basic Formulas  Work on p26.2 - General Relativity | | **Video Flip:** Videos 33: A-E  -General relativity  -Principle of equivalence  -Curved space  -Black holes and the Schwarzschild radius | | **Read:** 33.4  **Watch:** Videos 33: A-E |
| **4** May30 | Work on FAs and problems. | | **Websites Due** | |  |
| **5** June1 | Summative Assessments:  **26.1 - Special Relativity**  **26.2 - Energy and General Relativity** | | **Turn in:** FA 26.1, FA 26.2 | |  |
| **6**  **June**  **5** | SAs back  Retakes?  Finish stuff up | |  | |  |
| **7**  **June**  **7** | **IB Physics II party!!!!!!**  - Awards ceremony  -slide show  -BBQ | |  | |  |
| **June 7** | Seniors' last day 😐 (for me) ☺ (for you) | |  | |  |
| Two Formative/Summative assessments   * 26.1 – Special Relativity * 26.2 – Energy and General Relativity | | | | | Handouts: | |