**The Rest of the Year Schedule**

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| May 1/2 | Finish labs/SA 27.1, 27.2, 30.1, 30.2 |  |
| May 3/4 | Introduction to the websites for research |  |
| May 8/9 | Organize Oaks Park/Websites |  |
| May 10/11 | Work on Oaks Park/Websites/Extravaganza |  |
| May 12 | **Oaks Park Oaks Park Oaks Park Oaks Park Oaks Park Oaks** |  |
| May 17/18 | Prep for the Extravaganza/Websites |  |
| May 19/22 | Prep for the Extravaganza/Websites |  |
|  | **Relativity** |  |  |
| **A/B** | In Class  | Due on this class | If You miss this class: |
| **1**May 22/23 | -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-Hand out FA26.1 |  | **Read:** 26.1-6**Watch:** Videos A, B, C, F |
| **2**May 24/25 | -Simultaneity-Mass and energy: Relativistic kinetic energy-Relativistic addition of velocities-Energy-momentum relationship | **Check:** Worksheet 26.1: 1-10 | **Read:** 26.7-11**Watch:** Videos G, H, I |
| **May** **25** | Extravaganza(3:30 - 5:30 Setup in the commons)6:00 - 7:00 in the commons7:30 to 8:30 in the auditorium with Rhys |  |  |
| **3** **May** **26/30** | -General relativity-Principle of equivalence-Curved space-Black holes and the Schwarzschild radius -Hand out FA26.2 | **Check:** Worksheet 26.1: 15-18**Check:** Worksheet 26.2: 2-6 | **Read:** 33.4 |
| **4**May 31 June 1 | Work on problems: 26.1: 7, 8, 9, 19, 20, 2126.2: 7, 9, 10, 11, 12, 14Work on FA 26.1, FA26.2 | **Check:** Worksheet 26.2: 20-27 |  |
| **5**June 2/5 | Summative Assessments:**26.1 - Special Relativity****26.2 - Energy and General Relativity** | **Turn in:** FA 26.1, FA 26.2**Turn in:** 26.1: 1-10, 15-18, 7, 8, 9, 19, 20, 21**Turn in:** 26.2: 2-6, 20-27, 7, 9, 10, 11, 12, 14 |
| **9****June** **6/?** | SAs backRetakes?Finish stuff up |  |  |
| **10****June 7/8** | **IB Physics II party!!!!!!**- Awards ceremony-slide show-BBQ |  |  |
| **June 8** | Senior Assembly - Senior's last day 😐 (for me) ☺ (for you) |  |  |
| Two Formative/Summative assessments* 26.1 – Special Relativity
* 26.2 – Energy and General Relativity

Two homework problem sets26.1: 1-10, 15-18, 7, 8, 9, 19, 20, 21 /40 pts26.2: 2-6, 20-27, 7, 9, 10, 11, 12, 14 /38 pts | Handouts: |