**IB Physics**

**Atomic and Nuclear**

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| **M** | **1****Dec****7** | **GW**-Group Quiz 27.1 | **VF 27A, 27BCD, 27D1, 27EFG** |
| **T** | **2****Dec****8** | **GW**- Group Quiz 27.1**IW**-FA27.1**IW**-Photo Electric PhET | **VF 27G1, 27H** |
| **Th** | **3****Dec****10** | **SA27.1-Photon Theory (by EOD Sunday)** | Turn in: FA27.1Turn in: Photo Electric PhET |
| **F** | **4****Dec****11** | **GW**- Group Quiz 27.2**IW**-Rutherford PhET | **VF 27I, 27J, 27K , 27L, 27MNO** |
| **M** | **5****Dec****14** | **GW**- Group Quiz 27.2 | **VF 32A, 32B, 32C, 32D**Turn in: Rutherford PhET |
| **T** | **6****Dec****15** | **GW**- Group Quiz 27.2**IW**-FA27.2 | **VF 32E** |
| **Th** | **7****Dec****17** | **SA27.2-Atomic Physics (by EOD Sunday)** | Turn in: FA27.2 |
| **F** | **8****Dec****18** | **GW**-30.2 #1-16**GW**-FA30.2 | **VF 30A, 30B, 30M, 30N, 30N1, 30O** |
|  |  | Winter Break |  |
| **M** | **9****Jan****4** | **SA30.2-Nuclear Reactions (by EOD Weds)****DI**-Hiroshima (30P) | **VF 30C, 30D, 30E, 30F, 30G, 30H** Turn in: FA30.2 |
| **T** | **10****Jan****5** | **GW**-30.1 #1-7**IW**-Decay Lab | **VF 30I, 30J, 30K, 30L** |
| **Th** | **11****Jan****7** | **GW**-30.1 #8-24**GW**-FA30.1 |  |
| **F** | **12****Jan****8** | **SA30.1-Radioactive Decay (by EOD Sun.)****VF**-30Q | Turn in: FA30.1 |

Assignments

* 3 Labs:
	+ Photo Electric PhET – Simulation of the Photoelectric effect
	+ Rutherford PhET – Simulation of Rutherford Scattering
	+ Decay Lab – Determine the half-life of a computer-simulated nuclear decay
* 4 Formative/Summative Assessments
	+ 27.1 – Photons
	+ 27.2 – Atomic and Particle
	+ 30.1 – Radioactivity
	+ 31.1 – Nuclear Reactions