

IB Physics SL Lesson Plans
Week of Apr. 11, 2011

Monday	Tuesday	Wednesday	Friday
Activities	Activities	Activities	Activities
<ul style="list-style-type: none"> - Length contraction and addition of velocities - Start H3 (Relativistic energy) 	<ul style="list-style-type: none"> - Evidence for special relativity, the Michelson-Morley experiment, constancy of c - 	<ul style="list-style-type: none"> - Range of gamma radiation lab (due Friday) 	<ul style="list-style-type: none"> - Start option J1 - Particles, antiparticles, quantum #, spin
Homework	Homework	Homework	Homework
# H-2a Ch H2: 6 – 14	# H-3a Ch H3: 1 - 11	Range of gamma radiation lab (due Friday)	# J-1a Ch J1: 1 - 11
Announcements			

Week of Apr. 18, 2011

Tuesday	Tuesday	Wednesday	Friday
Activities	Activities	Activities	Activities
<ul style="list-style-type: none"> - Heisenberg uncertainty principle, virtual particles and interactions - Feynman diagrams 	<ul style="list-style-type: none"> - Continue Feynman diagrams and range of interactions - Start option J3 (Hadrons, baryon number and strangeness) 	<ul style="list-style-type: none"> - Spin, color, Gluons, confinement and interaction between nucleons - Quark and leptons, lepton number, Higgs particle 	Any last questions over anything in relativity and particle physics option
Homework	Homework	Homework	Homework
# J-1b Ch J1: 12 - 21	# J-3a Ch J3: 1 - 10	# J-3b Ch J3: 11 - 20	# J-3c Ch J3: 21 – 31 Study for test
Announcements			
Option D test next Monday			