Chapter	Week	Date	Title	In Lab that week
Math Overview (Ch. 1)	1	W 9/1	Introduction	Th: Math Review, F: Survival Guide to Lab
	1	F 9/3	Math Review	
1D Motion (Ch. 2)	2	M 9/13	Physics of 1D Motion	Measuring and Uncertainty
	2	W 9/15	Race Cars: motion with constant acceleration	
	2	F 9/17	Free Fall: motion due to gravity	
2D Motion (Ch. 3)	3	M 9/20	Physics of 2D Motion	Bouncing ball
	3	W 9/22	Baseball: projectile motion	
	-		Bullets and Cannonballs: ontimizing projectile	
	3	F 9/24	motion	
Force (Ch. 4)	4	M 9/27	Introduction to Newton's Law's	Incline plane
		-	Simple Tools: how to use Newton's laws to get the	
	4	W 9/29	job done	
	4	F 10/1	Sky Diving: a look at air resistance and friction	
Energy and Power (Ch. 5)	5	M 10/4	Energy: everybody wants more, but what is it	Exam on Newton's Laws
	5	W 10/6	Weightlifting: calculating work and power	
	5	F 10/8	Cheetahs vs. Elephants: calculating kinetic energy	
Impulse, Momentum,				
Conserv. of Momentum				
(Ch. 7)	6	W 10/13	The Physics behind Collisions: Playing pool	Conservation in Collisions
	6	F 10/15	Inelastic Collisions: the Forensics of Car Crashes	
Conserv. of Energy (Ch. 6)				
	7	M 10/18	Sleds and Rollercoasters: the energy of height	Ballistic Pendulum
	7	W 10/20	Conserving Energy and Energy Loss	
	_	/	Skateboarding and Bungee Jumping: conservation	
	7	F 10/22	of kinetic and potential energy	
Gravitation (Ch. 12)	8	M 10/25	The Earth's Pull: gravitation	Exam on Conservation Laws
	8	W 10/27	Planets: Repler's Laws	
Potation (Ch. 0.9, 10)	8	F 10/29	Satemites and Space Traver	Outward Force
	9	IVI 11/1	Physics of Angular Motion	Outward Force
	9	VV 11/5	Simple Teels II: Screws and Wrenshes	
Statics (Ch. 11)	10	N 11/9	Boring Physics: No really, nothing moves	Force Table & Moment of Force
	10	101 11/0	Seesaws Bicens and Ladders: one principle to	
	10	W 11/10	describe them all	
	10	F 11/12	Skyscrapers: the physics behind buildings	
Fluids (Ch. 13)	11	M 11/15	Submarines: Eluidic pressures	Fluids
	11	W 11/17	Icebergs: Archimedes principle	
	11	F 11/19	Heart Physics: Bernoulli's principle	
Thanksgiving	12	, -		Take-home Exam on App. of Newton's Laws
	12			
Waves (Ch. 14 & 15)	13	M 11/29	Physics of Oscillations	SHM & Standing Waves
	13	W 12/1	Waves	5
			Interference: not just why you can't hear on your	
	13	F 12/3	cell phone	
Sound (Ch. 16)	14	M 12/6	Physics of Sound	Exam on Waves
	14	W 12/8	The Doppler Effect	
	14	F 12/10	Resonance and Music	
Physics Skills	15	M 12/13	Skills I: science writing	
	15	W 12/15	Skills II: scientific method	