CLASS NAME--B PERIOD 2017-2018

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8/28	8/29	8/30	8/31	9,
Note 1: The links on this	Note 2: This year is going	First Day of School (not a	CLASS: (day 1 schedule)	CLASS: (day 2 schedule)
calendar are active. That s, if you want to go to where they are pointing, just click on them. Unfortunately, if the URL s longer than a line in a odf, which is what this is, this won't work so I've had to make the URLs tiny to fit on a single line. Inconvenient? Yes, but they work. Try one and you'll see.	to be fun. Say that over and over again five times while standing on your right foot, otherwise the incantation won't work and believe me, if you aren't having fun later in the year, it will be your	rotation day) CLASS: 1.) introduction to the class 2.)	TEST 1 (Chapter 21-d kinematics)	1.) scalars and vectors; 2.) briefly talk about graphical vector addition and subtraction; 3.) polar notation; 4.) unit vector notation; 5.) converting from one to the other 6.) Book Sections: 2.1, 2.2 2.3
		HMWK:	HMWK: 1.) relax	HMWK: 1.) do Probs 3.1, 3.3, 3.7 and 3.15; 2.) download LabCart Lal (L-1); OPTIONAL: 3.) if confused about graphical vector addition and subtraction, watch zPoly: 4a (graphical vector manip.) www.youtube.com/watch?v=rzj-dz1d0DQ 4.) if confused about polar notation, watch zPoly: 5a (polar notation presented) www.youtube.com/watch?v=Nzyg97ZtrQ 5.) if confused about unit vector notation, watch
				zPoly: 5b (unit vector notation presented) www.youtube.com/watch?v=HOqkMqi6nMQ
9/4				notation presented) www.youtube.com/watch?v=HOqkMqi6nMQ
9/4 LABOR DAY HOLIDAY	9/5 L-day 6 CLASS doesn't meet this first L-period:	CLASS: (day 1 of rotation)	CLASS: 1.) do Reflection Activity; 2.) talk briefly about formalized presentation of position, velocity and acceleration vectors (covered in first few sections of Ch 4); 3.) introduce 2-d projectile motion with cannon problem; 4.) Book Sections:4.1, 4.2 and 4.3	notation presented) www.youtube.com/watch?v=HOgkMql6nMQ GLASS: 1.) in-class QuizSpeed 2.) centripetal acceleration and uniform circular motio (show old school video); 3.) radial and tangential un vectors; 4.) relative velocity and accelerationgraphical analysis;
LABOR DAY	L-day 6 CLASS doesn't meet this	CLASS: (day 1 of rotation) 1.) do Cart Lab (L-1)	CLASS: 1.) do Reflection Activity; 2.) talk briefly about formalized presentation of position, velocity and acceleration vectors (covered in first few sections of Ch 4); 3.) introduce 2-d projectile motion with cannon problem; 4.) Book Sections:4.1, 4.2	notation presented) www.youtube.com/watch?v=HOqkMqi6nMQ GLASS: 1.) in-class QuizSpeed 2.) centripetal acceleration and uniform circular motioi (show old school video); 3.) radial and tangential un vectors; 4.) relative velocity and accelerationgraphical analysis; 5.) Book Sections: 4.4, 4.5
LABOR DAY	L-day 6 CLASS doesn't meet this	CLASS: (day 1 of rotation) 1.) do Cart Lab (L-1) (acceleration of cart)	CLASS: 1.) do Reflection Activity; 2.) talk briefly about formalized presentation of position, velocity and acceleration vectors (covered in first few sections of Ch 4); 3.) introduce 2-d projectile motion with cannon problem; 4.) Book Sections:4.1, 4.2 and 4.3	notation presented) www.youtube.com/watch?v=HOqkMql6nMQ CLASS: 1.) in-class QuizSpeed 2.) centripetal acceleration and uniform circular motio (show old school video); 3.) radial and tangential un vectors; 4.) relative velocity and accelerationgraphical analysis; 5.) Book Sections: 4.4, 4.5 and 4.6 HMWK:

CLASS:	CLASS:	Day 6	CLASS:	CLASS:
1.) continue with topics from previous day;	1.) monkey in tree; 2.) do <i>To Catch a Ball</i> Lab	Day 0	Test 2 (Ch's 3 and 4 vectors and 2-d kinematics)	0.) go over test; 1.) island series LAB
2.) possibly show motoGP video; 3.) possibly do 2-d Air Table Labdetermine radial and tangential acceleration of point on the curve	(L-3) (run and shoot lab); 3.) possible guest lecturer		vectors and 2 d kinematics)	(protractor and incline); 2.) intro to Newton; 3.) massgravitational and inertial; 4.) N.F.L. and N.S.L.; 5.) Book Sections: 5.1, 5.2, 5.3 and 5.4
4.) set up monkey in tree; 5.) Book Sections: 4.4, 4.5 and 4.6				
HMWK:	HMWK:		HMWK:	HMWK:
1.) do Probs 4.27, 4.30, 4.31 and 4.32; 2.) download LAB <i>To</i> <i>Catch a Ball</i> Lab (L-3)	1.) do Probs 4.36, 4.37, 4.40 and 4.42; 2.) download Practice Test		1.) take a break	1.) do Probs 5.1, 5.3, 5.5, 5.7 and 5.13;
	3.) CHIPOTLE NIGHT from 5:30 to 7:00 PM			
9/18	9/19	9/20	9/21	9/22
L-day 3	CLASS:	CLASS:	Day 6	CLASS:
2.) N.T.L.; 3.) N.S.L. problem: 4.) Book Sections: 5.5, 5.6 and 5.7	1.) N.S.L. problems: 2.) Book Section: 5.7	1.) do NSL (Double Atwood Machine) Lab (L-6):		1.) N.S.L. problems: 2.) Book Section: 5.7
HMWK: 1.) do Probs 5.20, 5.21,	HMWK: 1.) do Probs 5.31, 5.33	HMWK: 1.) write up N.S.L.(Double		HMWK: 1.) chill out;
5.24 and 5.28; OPTIONAL: 2.) if you'd like to see a	and 5.35; 2.) download LAB N.S.L.(Incline) Lab (L-)	Atwood Machine) Lab (L-6)		OPTIONAL: 2.) if you'd like to see a N.S.L. problem with two
Newton's Second Law formally approached, look at zPoly: 8 (N.S.L.'s formal approach on elevator problem) at				accelerations, look at zPoly: 11 (N.S.L.'s problem with 2 accelerations) at www.youtube.com/watch?v=rojdX8zukPg
www.youtube.com/watch?v=rWX8poiG6D8				
9/25			9/28	
CLASS: 1.) class demo; hanging	CLASS: 1.) more on frictionhow	CLASS: 1.) center seeking direction	CLASS: 1.) lab: airplane (determine tension in string);	Day 6
nullays (do f h d for each				
pulleys (do f.b.d. for each situation);2.) friction (Richard suggest video of "rodney")	do you determine direction- -block on block problem; 2.) MOB maneuver and	2.) car over hill; 3.) car around a banked incline;	2.) tension in a string attached to a pail rotating in the vertical;	
situation); 2.) <i>friction</i> (Richard	do you determine direction- -block on block problem; 2.) MOB maneuver and	2.) car over hill;3.) car around a banked	attached to a pail rotating in the vertical; 3.) carnival ride;non-uniform circular motionradial and tangential accelerations	
situation); 2.) friction (Richard suggest video of "rodney")	do you determine direction- -block on block problem; 2.) MOB maneuver and centripetal forces;	2.) car over hill;3.) car around a banked incline;	attached to a pail rotating in the vertical; 3.) carnival ride;non-uniform circular motionradial and tangential accelerations (block against cylinder wall problem); 4.) take data for L-(centripetal force lab)do	
situation); 2.) friction (Richard suggest video of "rodney")	do you determine direction- -block on block problem; 2.) MOB maneuver and centripetal forces;	2.) car over hill;3.) car around a banked incline;	attached to a pail rotating in the vertical; 3.) carnival ride; non-uniform circular motionradial and tangential accelerations (block against cylinder wall problem); 4.) take data for L-	
situation); 2.) friction (Richard suggest video of "rodney") 3.) Book Section: 5.8 HMWK: 1.) do Probs 5.39, 5.42,	do you determine direction-block on block problem; 2.) MOB maneuver and centripetal forces; 3.) Book Section: 6.1 HMWK: 1.) do Probs 6.1, 6.6, 6.8	2.) car over hill; 3.) car around a banked incline; 4.) Book Section: 6.2 HMWK: 1.) do Probs 6.12, 6.14 and	attached to a pail rotating in the vertical; 3.) carnival ride;non-uniform circular motionradial and tangential accelerations (block against cylinder wall problem); 4.) take data for L-(centripetal force lab)do write-up on spot; 5.) penny on a turntable demo (if time); 6.) Book Section: 6.3 HMWK: 1.) do Probs 6.17, 6.21 and	
situation); 2.) friction (Richard suggest video of "rodney") 3.) Book Section: 5.8	do you determine direction-block on block problem; 2.) MOB maneuver and centripetal forces; 3.) Book Section: 6.1 HMWK: 1.) do Probs 6.1, 6.6, 6.8 and 6.9; OPTIONAL:	2.) car over hill; 3.) car around a banked incline; 4.) Book Section: 6.2	attached to a pail rotating in the vertical; 3.) carnival ride; non-uniform circular motionradial and tangential accelerations (block against cylinder wall problem); 4.) take data for L-(centripetal force lab)do write-up on spot; 5.) penny on a turntable demo (if time); 6.) Book Section: 6.3	
situation); 2.) friction (Richard suggest video of "rodney") 3.) Book Section: 5.8 HMWK: 1.) do Probs 5.39, 5.42, 5.46, 5.47; OPTIONAL: 2.) if you'd like to see how	do you determine direction-block on block problem; 2.) MOB maneuver and centripetal forces; 3.) Book Section: 6.1 HMWK: 1.) do Probs 6.1, 6.6, 6.8 and 6.9; OPTIONAL: 2.) if you are still having	2.) car over hill; 3.) car around a banked incline; 4.) Book Section: 6.2 HMWK: 1.) do Probs 6.12, 6.14 and 6.16; OPTIONAL: 2.) if you are still having	attached to a pail rotating in the vertical; 3.) carnival ride;non-uniform circular motionradial and tangential accelerations (block against cylinder wall problem); 4.) take data for L-(centripetal force lab)do write-up on spot; 5.) penny on a turntable demo (if time); 6.) Book Section: 6.3 HMWK: 1.) do Probs 6.17, 6.21 and 6. 23; 2.) download LABFriction Lab (L-); 3.) download Practice Test	
HMWK: 1.) do Probs 5.39, 5.42, 5.46, 5.47; OPTIONAL: 2.) if you'd like to see how well you understand N.S.L., there is a nasty problem available for viewing at zPoly: 13 (N.S.L.'s problem with pulley n twist) at www.youtube.com/watch?v=YPIFSBjzTx4	do you determine direction-block on block problem; 2.) MOB maneuver and centripetal forces; 3.) Book Section: 6.1 HMWK: 1.) do Probs 6.1, 6.6, 6.8 and 6.9; OPTIONAL: 2.) if you are still having trouble making sense of the direction of kinetic friction, look at zPoly: 12 (kinetic friction via a truck n box problem) at www.youtube.com/watch?v=ANGKwFGRxUQ	2.) car over hill; 3.) car around a banked incline; 4.) Book Section: 6.2 HMWK: 1.) do Probs 6.12, 6.14 and 6.16; OPTIONAL: 2.) if you are still having trouble figuring out the "center seeking" centripetal direction, look at zPoly: 13 (defining axes in centripetal force problems) at www.youtube.com/watch?v=0kYTPQUwibE	attached to a pail rotating in the vertical; 3.) carnival ride;non-uniform circular motionradial and tangential accelerations (block against cylinder wall problem); 4.) take data for L-(centripetal force lab)do write-up on spot; 5.) penny on a turntable demo (if time); 6.) Book Section: 6.3 HMWK: 1.) do Probs 6.17, 6.21 and 6.23; 2.) download LABFriction Lab (L-); 3.) download Practice Test	
HMWK: 1.) do Probs 5.39, 5.42, 5.46, 5.47; OPTIONAL: 2.) if you'd like to see how well you understand N.S.L., there is a nasty problem available for viewing at zPoly: 13 (N.S.L.'s problem with pulley n twist) at	do you determine direction-block on block problem; 2.) MOB maneuver and centripetal forces; 3.) Book Section: 6.1 HMWK: 1.) do Probs 6.1, 6.6, 6.8 and 6.9; OPTIONAL: 2.) if you are still having trouble making sense of the direction of kinetic friction, look at zPoly: 12 (kinetic friction via a truck n box problem) at www.youtube.com/watch?v=ANGKwFGRxUQ	2.) car over hill; 3.) car around a banked incline; 4.) Book Section: 6.2 HMWK: 1.) do Probs 6.12, 6.14 and 6.16; OPTIONAL: 2.) if you are still having trouble figuring out the "center seeking" centripetal direction, look at zPoly: 13 (defining axes in centripetal force problems) at www.youtube.com/watch?v=0kYTPQUwibE	attached to a pail rotating in the vertical; 3.) carnival ride;non-uniform circular motionradial and tangential accelerations (block against cylinder wall problem); 4.) take data for L-(centripetal force lab)do write-up on spot; 5.) penny on a turntable demo (if time); 6.) Book Section: 6.3 HMWK: 1.) do Probs 6.17, 6.21 and 6.23; 2.) download LABFriction Lab (L-); 3.) download Practice Test	10/6 TRIPS WEEK:
situation); 2.) friction (Richard suggest video of "rodney") 3.) Book Section: 5.8 HMWK: 1.) do Probs 5.39, 5.42, 5.46, 5.47; OPTIONAL: 2.) if you'd like to see how well you understand N.S.L., there is a nasty problem available for viewing at zPoly: 13 (N.S.L.'s problem with pulley n twist) at www.youtube.com/wetch?v=YPIFSBjzTx4	do you determine direction-block on block problem; 2.) MOB maneuver and centripetal forces; 3.) Book Section: 6.1 HMWK: 1.) do Probs 6.1, 6.6, 6.8 and 6.9; OPTIONAL: 2.) if you are still having trouble making sense of the direction of kinetic friction, look at zPoly: 12 (kinetic friction via a truck n box problem) at www.youtube.com/watch?v=AN6KwF6RxUQ	2.) car over hill; 3.) car around a banked incline; 4.) Book Section: 6.2 HMWK: 1.) do Probs 6.12, 6.14 and 6.16; OPTIONAL: 2.) if you are still having trouble figuring out the "center seeking" centripetal direction, look at zPoly: 13 (defining axes in centripetal force problems) at www.youtube.com/watch?v=0kYTPQUwibE	attached to a pail rotating in the vertical; 3.) carnival ride;non-uniform circular motionradial and tangential accelerations (block against cylinder wall problem); 4.) take data for L-(centripetal force lab)do write-up on spot; 5.) penny on a turntable demo (if time); 6.) Book Section: 6.3 HMWK: 1.) do Probs 6.17, 6.21 and 6. 23; 2.) download LABFriction Lab (L-); 3.) download Practice Test	TRIPS WEEK:

FRANCIS WASS DAY	Day 6	PSAT TESTING (this is Day 1 of the rotation, even though the Upper School doesn't meet) There will be a	CLASS: 1.) take half the period to do Friction Lab (L-)do write-up on the spot; 2.) look at mass circling in cylinder problem; 3.) for remainder of class, review for test	L-day 3 CLASS: TEST 2 (Ch's 5 and 6 Newton's Laws)
		CHIPOTLE NIGHT this evening from 5:00 PM to 7:00 PM	1.) parpare for test	1.) breath deeply
10/16	<u>10/17</u>	10/18	10/19	10/20
CLASS: 1.) island series LAB (energy); 2.) work by constant force; 3.) dot product; 4.) work done by variable forces; 5.) point out that EXTRA CREDIT is now available from Web site (this will be due NEXT MONDAY) 6.) Book Sections: 7.1, 7.2, 7.3 and 7.4	CLASS: 1.) derive work/energy theorem; 2.) work done by conservative forces, and potential energy functions; 3.) Book Sections: 7.5, 7.7 and 7.6	Day 6	CLASS: 1.) relationship between potential energy functions and their associated conservative forces; 2.) Book Section: 7.8	CLASS: 1.) energy diagrams and equilibrium of systems; 2.) Book Section: 7.9
HMWK: 1.) do Probs 7.1, 7.2, 7.5, 7.9, 7.14, 7.17, 7.21	HMWK: 1.) do Probs 7.31, 7.32, 7.33, 7.35, 7.42		HMWK: 1.) do Probs 7.43, 7.45, 7.47 and 7.49;	HMWK: 1.) do Prob 7.52; 2.) download LAB Conservation of Energy (Pendulum) Lab (L-)
10/23	10/24	10/25	10/26	10/27
L-day 3 CLASS: 1.) do Conservation of Energy (Pendulum) Lab (L-); 2.) EXTRA CREDIT DUE	1.) analysing models for non-isolated systems and isolated systems; 2.) derivation of modified conservation of energy thm; 3.) Book Sections: 8.1, 8.2, 8.3 and 8.4	1.) do at least three conservation of energy problems, including the problem from hell	Day 6	CLASS: 1.) powerAP problem; 2.) Book Section: 8.5
HMWK: 1.) complete write-up of Conservation of Energy (Pendulum) Lab (L-) if not finished in class	HMWK: 1.) do Probs 8.2, 8.3, 8.5 and 8.7	HMWK: 1.) do Probs 8.12, 8.14 and 8.18		HMWK: 1.) do Probs 8.21, 8.22, 8.27, 8.29, 8.30 and 8.37; 2.) download Practice Test
10/30	·	,	,	
CLASS: 1.) class review for test	L-day 3 CLASS: TEST 3 (Ch's 7 and 8 energy)	CLASS: 1.) island series LAB (momentum); 2.) introduction of momentum; 3.) isolated systems versus non-isolated systems; 4.) Book Sections: 9.1, 9.2 and 9.3	CLASS: 1.) derive conservation of momentum; 2.) look at rifle problem; 3.) have students switch with Tuesday's homework; 3.) do Impulse and Momentum Lab (L-) (do next Tuesday)	FACULTY WRITING DAY (NO SCHOOL) (first quarter ends)
HMWK: 1.) prepare for test	HMWK: 1.) have a very, merry night off	HMWK: 1.) do Probs 9.1, 9.4, 9.5, 9.6 and 9.11; 2.) download LAB <i>Impulse</i> and Momentum Lab (L-)	HMWK: 1.) complete write-up of Impulse and Momentum Lab (L-) if not completed in class	

Se	econd Quarter, 2017-201	<u> </u>			
s	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
U					
N	11/6	11/7	11/0	11.00	11/10
#	11/6 Day 6	11/7 CLASS:	11/8 CLASS:	11/9 L-day 3	11/10 :
	Day 6	1.) momentum and	1.) finish momentum and	CLASS:	1.) talk about center of
		collisions in 1-d;	collisions in 2-d;	1.) do <i>Ballistic Pendulum</i> Lab	mass;
		2.) Book Section: 9.4	2.) Book Section: 9.5	(L-)do write-up in class	2.) look at systems with
		2.) Book Section: 9.4	2.) Book Section. 9.5	(L-)do write-up in class	many particles;
					3.) Book Sections: 9.6 and
					9.7
					5.7
		HMWK:	HMWK:	HMWK: 1.)	HMWK:
		1.) do Probs 9.18, 9.19	1.) do Probs 9.27, 9.29 and	complete Ballistic Pendulum	1.) do Probs 9.36, 9.37,
		and 9.23;	9.33;	Lab (L-) if not done so in	9.38, 9.40, 9.41 and 9.43
		OPTIONAL:	2.) download LABBallistic	class	
		2.) if you aren't completely			
		clear as to when you can	OPTIONAL:		
		use cons of energy and	3.) if you'd like to see		
١			another complicated cons of		
١		the fairly complicated	momentum and energy		
١		problem at zPoly: 19	problem, look at zPoly: 20		
ı		(cons. of mom	(block on block w spring) at		
١		example—cannon and	https://youtu.be/_vffPexYS4I		
		spring) at			
		https://youtu.be/uKfQhCOW-Eo			
#	11/13	11/14	11/15	11/16	11/17
,	CLASS:	Day 6	CLASS:	CLASS:	L-day 3
	1.) review for test;	, -		1.) island series LAB	CLASS:
	2.) play face ball		TEST 4 (Ch 9	(rotational parameters);	2.) calculating moment of
1	' '		Momentum)	2.) rotational kinematics;	inertia of discrete mass;
	, ,		REDO ORDER AND		
	,,,		REDO ORDER AND HOMEWORK OF NEXT	2.) rotational kinematics;	inertia of discrete mass;
	, , ,		REDO ORDER AND	2.) rotational kinematics;3.) relationship between	inertia of discrete mass; 3.) calculating moment of
	,,,		REDO ORDER AND HOMEWORK OF NEXT	in the state of the state	inertia of discrete mass; 3.) calculating moment of interia of continuous
			REDO ORDER AND HOMEWORK OF NEXT	in translational kinematics; in relationship between rotational and translational paramters;	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution;
			REDO ORDER AND HOMEWORK OF NEXT	in totational kinematics; in relationship between rotational and translational paramters; in the control of the c	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and
			REDO ORDER AND HOMEWORK OF NEXT	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and
			REDO ORDER AND HOMEWORK OF NEXT	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and
			REDO ORDER AND HOMEWORK OF NEXT	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!;	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and
			REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5
	нмwк:	Chipotle night	REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK:	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5
	HMWK: 1.) prepare for test;		REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5,	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27
	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will		REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK:	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17,	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5
	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night		REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021;	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27
	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and		REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL:	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27
	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night		REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27
	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and		REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27
	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and		REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to be aware of concerning	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27
	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and		REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to be aware of concerning rotational motion, look at	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27
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 	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and		REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to be aware of concerning rotational motion, look at zPoly: 22 (rotational machinations) at	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27 and 10.29
# <mark>#</mark>	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and 7:00 PM		REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but sleep and a good book	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to be aware of concerning rotational motion, look at zPoly: 22 (rotational machinations) at http://youtu.be/9ZpLQ1TWREY	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27 and 10.29
#	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and 7:00 PM	11/21	REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but sleep and a good book	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to be aware of concerning rotational motion, look at zPoly: 22 (rotational machinations) at http://youtu.be/9ZpLQ1TWREY	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27
# #	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and 7:00 PM	11/21 CLASS:	REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but sleep and a good book	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to be aware of concerning rotational motion, look at zPoly: 22 (rotational machinations) at http://youtu.be/9ZpLQ1TWREY	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27 and 10.29
##	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and 7:00 PM 11/20 CLASS: 1.) torque;	11/21 CLASS: 1.) 1.) rotational kinetic	REDO ORDER AND HOMEWORK OF NEXT SEVERAL DAYS HMWK: 1.) nothing happening but sleep and a good book	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to be aware of concerning rotational motion, look at zPoly: 22 (rotational machinations) at http://youtu.be/9ZpLQ1TWREY	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27 and 10.29
#	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and 7:00 PM 11/20 CLASS: 1.) torque; 2.) cross products;	11/21 CLASS: 1.) 1.) rotational kinetic energy and derivation of	HMWK: 1.) nothing happening but sleep and a good book 11/22 THANKSGIVING	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to be aware of concerning rotational motion, look at zPoly: 22 (rotational machinations) at http://youtu.be/9ZpLQ1TWREY	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27 and 10.29
##	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and 7:00 PM 11/20 CLASS: 1.) torque; 2.) cross products; 3.) Rigid Body problems	11/21 CLASS: 1.) 1.) rotational kinetic energy and derivation of moment of inertia;	HMWK: 1.) nothing happening but sleep and a good book 11/22 THANKSGIVING	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to be aware of concerning rotational motion, look at zPoly: 22 (rotational machinations) at http://youtu.be/9ZpLQ1TWREY	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27 and 10.29
	HMWK: 1.) prepare for test; 2.) CHIPOTLE NIGHT will happen Tuesday night between 5:00 PM and 7:00 PM 11/20 CLASS: 1.) torque; 2.) cross products; 3.) Rigid Body problems 4.) Book Sections: 10.6	11/21 CLASS: 1.) 1.) rotational kinetic energy and derivation of moment of inertia; 2.) talked about moment of	HMWK: 1.) nothing happening but sleep and a good book 11/22 THANKSGIVING	2.) rotational kinematics; 3.) relationship between rotational and translational paramters; 4.) check to see how homework matches up-days went out of sequence!; 4.) Book Sections: 10.1, 10.2 and 10.3 HMWK: 1.) do Probs 10.1, 10.3, 10.5, 10.7, 10.11, 10.13, 10.17, 10.18 and 1021; OPTIONAL: 2.) if you want more on the bizarre minutia you need to be aware of concerning rotational motion, look at zPoly: 22 (rotational machinations) at http://youtu.be/9ZpLQ1TWREY	inertia of discrete mass; 3.) calculating moment of interia of continuous distribution; 4.) Book Sections: 10.4 and 10.5 HMWK: 1.) do Probs 10.25, 10.27 and 10.29

10.35 and 10.36; OPTIONAL: 2.) I'd STRONGLY SUGGEST you view at least the first two minutes of this video on rigid bodies at zPoly: 21 (rigid body beam problem) at http://youtu.be/aeXb6xLibGk OPTIONAL: 3.) if you'd like to see a	HMWK: 1.) look forward to good company, good food pleasant slumber this holiday			
body problem, look at zPoly: 23 (complex rotating beam problem and NSL) at http://youtu.be/om8pQ0j8Hg0				
Ddy 6	1.) talked about both N.S.L. and energy considerations via the pinned beam problem; 2.) talked about rolling motion of a rolling object; discuss Rolling Objects Lab (L-); 3.) Book Sections: 10.8 and 10.9	showed disk and hoop down incline demo; do yoyo problem; do ball down incline problem both ways	CLASS: 1.) start Rolling Objects Lab (L-)	CLASS: 1.) continue Rolling Objects Lab (L-)
	HMWK: 1.) do Probs 10.38, 10.39, 10.40, 10.45, 10.49; OPTIONAL: 2.) STRONGLY SUGGESTED: if you'd like to see a complicated cons of energy problem with rotation, look at zPoly: 26 (cons of energy with rotationcomplex beam problem) block on block w spring) at http://youtu.be/Qmn0tci5WC0	HMWK: 1.) do Probs 10.51, 10.55, 10.57 and 10.61; OPTIONAL: 2.) if you'd like to see a complicated N.S.L. problem with rotation, look at zPoly: 25 (complex NSL ball, pulley and incline plane) at http://youtu.be/UOHCICQ1B_4	1.) process results from Rolling Objects Lab (L-), continue with write-up	HMWK: 1.) do Probs 11.1, 11.3, 11.5, 11.7, 11.11, 11.12, 11.15 (these were messed up as we didn't talk about angular momentum today-the problem cascaded all the way into next week)
12/4	12/5	12/6	12/7	12/8 #
		CLASS:	CLASS:	L-day 3
1.) angular momentum of rotating object; 2.) angular momentum without external forces (in an isolated system); 3.) Book Section: 11.1 and 11.3 and 11.4		1.) angular momemtum problem solving session	1.) angular momemtum problem solving session	CLASS: 1.) all of Ch 12
HMWK: 1.) do Probs 11.22, 11.25 and 11.30	12//2	HMWK: 1.) do Probs 11.1, 11.5, 11.11, 11.12, 11.15, 11.25;	HMWK: 1.) do Probs 11.30, 11.31, 11.35 and 11.37; 2.) CHIPOTLE NIGHT from 5:00 PM to 7:00 PM	1.) relax, kick back, get some sleep Get ready for test on MondayChipotle night with Mr. White on Sunday from 6 to 8 pm.
				12/15 #
TEST 5 (Ch's 10 and 11 rotational motion) this has been put off by one day	Universal Gravitation; 2.) Measuring the Gravitational Constant; 3.) free falling acceleration and gravitational force; 4.) Book Sections: 13.1, 13.2 and 13.3		1.) graviational fields; 2.) gravitatinal potential energy; 3.) Book Sections: 13.5 and 13.6	1.) energy considerations in planetary and satellite motion; 2.) AP problems;
	1.) do Probs 10.31, 10.33, 10.35 and 10.36; OPTIONAL: 2.) I'd STRONGLY SUGGEST you view at least the first two minutes of this video on rigid bodies at 2Poly: 21 (rigid body beam problem) at http://youtu.be/aeXb6xLibGk OPTIONAL: 3.) if you'd like to see a more complicated rigid body problem, look at 2Poly: 23 (complex rotating beam problem and NSL) at http://youtu.be/om8pQ0j8Hg0 11/27 Day 6 11/27 Day 6 12/11 CLASS: TEST 5 (Ch's 10 and 111 rotational motion)-this has been put off by	1.) do Probs 10.31, 10.33, 10.35 and 10.36; OPTIONAL: 2.) I'd STRONGLY SUGGEST you view at least the first two minutes of this video on rigid bodies at 2Poly: 21 (rigid body beam problem) at http://youtu.be/aexb6xLlbGk OPTIONAL: 3.) if you'd like to see a more complicated rigid body problem, look at 2Poly: 23 (complex rotating beam problem and NSL) at http://youtu.be/om8pQ0j8Hg0 11/27 Day 6 11/27 11/28 11/28 CLASS: 1.) talked about both N.S.L. and energy considerations via the pinned beam problem; 2.) talked about rolling motion of a rolling object; discuss Rolling Objects Lab (L-); 3.) Book Sections: 10.8 and 10.9 HMWK: 1.) do Probs 10.38, 10.39, 10.40, 10.45, 10.49; OPTIONAL: 2.) STRONGLY SUGGESTED: if you'd like to see a complicated cons of energy with rotation, look at 2Poly: 26 (cons of energy with	1.) do Probs 10.31, 10.33; OPTIONAL:	1.) do Probs 10.31, 10.33, et al.) look forward to good pleasant slumber this holiday SUCCEST You view to deep on the state of this video on the state of the state of this video on the state of this video on the state of the state of this video on the state of the state of the state of the state of this video on the state of the st

HMWK:	HMWK:		HMWK:	HMWK:
1.) do Probs 12.3,12.5,	1.) do Prob 13.3, 13.5,		1.) do Prob 13.25, 13.26,	1.) do Prob 13.34, 13.36,
12.7, and 12.13	13.10 and 13.12		13.28, 13.31	13.39
# 12/10	12/19	12/20	12/21	12/22
# 12/18	CLASS:	CLASS:	,	,
L-day 3			Day 6	CLASS: (day 1 schedule)
CLASS:	1.) energy of simple	1.) continuing with osc.		1.) SPEED TEST or off-the-
1.) Hooke's Law Lab (L-);	harmonic oscillator;	Motion		wall presentation
2.) motion of an object	2.) the pendulum;			
attached to a spring;	3.) Book Section 15.3 and			
3.) mathematical	15.5			
representation of simple				
harmonic motion;				
4.) Book Sections 15.1,				
15.2				
13.2				
HMWK:	HMWK:	HMWK:		HMWK:
1.) do Probs 15.1, 15.3,	1.) do Prob's 15.17, 15.19,	1.) relax		1.) relax
15.5, 15.9, 15.13;	15.22, 15.31, 15.33			
# 12/25	<u>12/26</u>	12/27	12/28	12/29 :
Winter Break	Winter Break	Winter Break	Winter Break	Winter Break
(SNOW?)	(SNOW?)	(SNOW?)	(SNOW?)	(SNOW?)
# 1/1	1/2	1/3	1/4	1/5
# 1/1 Winter Break	1/2 Winter Break	1/3 Winter Break	1/4 Winter Break	1/5 : Winter Break
	-/-	_/-	,	, -
Winter Break	Winter Break	Winter Break	Winter Break	Winter Break
Winter Break	Winter Break	Winter Break	Winter Break	Winter Break
Winter Break	Winter Break	Winter Break	Winter Break 	Winter Break
Winter Break	Winter Break 	Winter Break	Winter Break	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule)	Winter Break 	Winter Break (SNOW?) 1/10 CLASS:	Winter Break	Winter Break
Winter Break	Winter Break (SNOW?) 1/9 L-day 3 CLASS:	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and	Winter Break	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule)	Winter Break 	(SNOW?) //10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies,	Winter Break	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule)	Winter Break (SNOW?) 1/9 L-day 3 CLASS:	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and	Winter Break	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule)	Winter Break (SNOW?) 1/9 L-day 3 CLASS:	(SNOW?) //10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies,	Winter Break	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule)	Winter Break (SNOW?) 1/9 L-day 3 CLASS:	(SNOW?) //10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies,	Winter Break	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule)	Winter Break (SNOW?) 1/9 L-day 3 CLASS:	(SNOW?) //10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies,	Winter Break	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam	(SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation)	(SNOW?) 1/11 CLASS: 1.) Review for Exam	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK:	(SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK:	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK:	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam	(SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation)	(SNOW?) 1/11 CLASS: 1.) Review for Exam	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK:	(SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK:	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK:	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK:	(SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK:	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK:	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK:	(SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK:	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK:	Winter Break
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK:	Winter Break (SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam HMWK: 1.)	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK: 1.)	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK: 1.)	Winter Break (SNOW?) 1/12 Day 6 (last day of class)
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK: 1.)	Winter Break (SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam HMWK: 1.)	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK: 1.)	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK: 1.)	Winter Break (SNOW?) 1/12 Day 6 (last day of class)
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK: 1.)	Winter Break (SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam HMWK: 1.)	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK: 1.) 1/17 CLASS:	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK: 1.)	(SNOW?) 1/12 Day 6 (last day of class) 1/19 SEMESTER
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK: 1.)	Winter Break (SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam HMWK: 1.)	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK: 1.)	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK: 1.) 1/18 SEMESTER	(SNOW?) 1/12 Day 6 (last day of class) 1/19 SEMESTER
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK: 1.)	Winter Break (SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam HMWK: 1.)	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK: 1.) 1/17 CLASS:	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK: 1.) SEMESTER EXAMS	Winter Break (SNOW?) 1/12 Day 6 (last day of class)
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK: 1.)	Winter Break (SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam HMWK: 1.) 1/16 CLASS: 1.) review for Exam	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK: 1.) 1/17 CLASS: 1.) review for Exam	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK: 1.) 1/18 SEMESTER	(SNOW?) 1/12 Day 6 (last day of class) 1/19 SEMESTER
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK: 1.)	Winter Break (SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam HMWK: 1.) 1/16 CLASS: 1.) review for Exam	Winter Break (SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK: 1.) 1/17 CLASS: 1.) review for Exam	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK: 1.) SEMESTER EXAMS	(SNOW?) 1/12 Day 6 (last day of class) 1/19 SEMESTER
Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK: 1.)	Winter Break (SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam HMWK: 1.) 1/16 CLASS: 1.) review for Exam	(SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK: 1.) 1/17 CLASS: 1.) review for Exam	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK: 1.) SEMESTER EXAMS	(SNOW?) 1/12 Day 6 (last day of class) 1/19 SEMESTER
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Winter Break (SNOW?) # 1/8 CLASS: (day 2 schedule) 1.) class review for exam HMWK: 1.)	Winter Break (SNOW?) 1/9 L-day 3 CLASS: 1.) Review for Exam HMWK: 1.) 1/16 CLASS: 1.) review for Exam	Winter Break (SNOW?) 1/10 CLASS: TEST 6 (Ch's 11, 12 and 13 and 11 rigid bodies, gravitation and oscillation) HMWK: 1.) 1/17 CLASS: 1.) review for Exam	Winter Break (SNOW?) 1/11 CLASS: 1.) Review for Exam HMWK: 1.) SEMESTER EXAMS	(SNOW?) 1/12 Day 6 (last day of class) 1/19 SEMESTER

nird Quarter, 2017-2018					
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
J N					
1/22	1/23	1/24	1/25	1/26	
SEMESTER	SEMESTER	CLASS: (start Semester 2)	CLASS:	L-day 3	
EXAMS	EXAMS	(day 1 of rotation) 1.) Properties of Electric Charge; 2.) Charging Objects by Induction; 3.) Coulomb's Law; 4.) Book Sections 23.1, 23.2 and 23.3	1.) The Electric Field; 2.) Electric Field of a Continuous Charge Distribution; 3.) Book Sections 23.4 and 23.5	CLASS: 1.) Electric Field Lines; 2.) Motion of Charged Particles in a Uniform Electric Field 3.) Book Sections 23.6 and 23.7	
		HMWK: 1.) do Prod's 23.4, 23.10, 23.8, 23.15, 23.17 not 23.7, 23.13	HMWK: 1.) do Prob;s 23.21, 23.24, 23.29, 23.31, 23.35 (derive this), 23.37; not 23.29, 23.31 2.) EXTRA STUFF: Fletch's video zPoly: 34 (electric fields in general form) found at http://youtu.be/L_j2ya5RjmY	HMWK: 1.) do over next two days Prob's 23.40, 23.41, 23.43, 23.45, 23.47, 23.49; not 23.39, 23.43	
1/29	Ź				
CLASS:	CLASS:	Day 6	CLASS:	CLASS:	
e 1.) Electric Fields it continued V	1.) Lab-Electric Fields		1.) Review for Test	TEST 7 (Ch 23static electricity)	
HMWK: 1.) catch up if need be	HMWK: 1.) prepare for test	CHIPOTLE NIGHT5 pm to 7 pm	HMWK: 1.) perpare for test	HMWK: 1.) relax	
2/5	2/6	2/7	2/8	2/9 ‡	
L-day 3 CLASS: 1.) Electric Flux; 2.) Gauss's Law; 3.) Application of Gauss's Law to Various Charge Distributions; 4.) Book Sections 24.1, 24.2 and 24.3 HMWK: 1.) do Prob's 24.1, 24.6,	CLASS: 1.) More Gaussian charge distributions	CLASS: 1.) Conductors in Electrostatic Equilibrium. Lab-Millikan's Oil Drops; 2.) Book Section 24.4 HMWK: 1.) do Prob's 24.35, 24.37,	Day 6	CLASS: 1.) Electric Potential & Potential Difference; 2.) Potential Difference in a Uniform Electrical Field; 3.) Electric Potential and Potential Energy Due to Point Charges; 4.) Book Section 25.1, 25.2 and 25.3 HMWK: 1.) do Prob's 25.1, 25.3,	
24.7, 24.9, 24.11, 24.17; not 24.3 and 24.18	1.) do Prob's 24.23, 24.27, 24.29, 24.33	24.39, 24.43, 24.44		25.5, 25.9, 25.14, 25.15, 25.20; not 25.8, 25.11, 25.18 and 25.22; 2.) EXTRA STUFF: Fletch's video zPoly: 35 (absolute electrical potentials in general) found at http://youtu.be/Cyplz6afxMQ	
2/12			, -		
CLASS: 1.) Obtaining the Value of the Electric Field from the Electric Potential; 2.) Electric Potential Due to Continuous Charge Distributions; 3.) Electric Potential Due to a Charged Conductor; 4.) Book Sections 25.4, 25.5 and 25.6	L-day 3 CLASS: 1.) Overflow	CLASS: 1.) Lab-Electric Potential	CLASS: 1.) Lab-Simple Circuits	FACULTY PROFESSIONAL GROWTH DAY (no school)	
HMWK:	HMWK:	HMWK:	HMWK:		
1.) do Prob's 25.33, 25.35, 25.39, 25.42, 25.44, 25.45, 25.48	1.) do Prob's 25.40, 25.42, 25.44, 25.45, 25.48	1.) Complete write-up if need be	Complete write-up if not finished in class		
2/19	2/20	2/21	2/22	2/23	

1. review for test Cases		PRESIDENT'S	Day 6	CLASS:	CLASS:	L-day 3
CHIPOTLE NIGHT 5 pm HMWK: 1, study for test 1, relax 1, personal protection 2, perso				1.) review for test	TEST 8 (Ch 24 and 25	
CLASS: 1,0 2,0 2,2 2						
Computer Models of Capacitors (2, 3), 8 ook Sections 26.1 and 26.5		you lucky ducks)			potentials)	
Capacitance; 3, 8 pook Sections 26.1 and 26.2					ľ	
CHIPOTLE NIGHT 5 pm HMWK:						
CALEST 1, Combination of Capactors; 1, Study for test 1, 1) relax 1, 1) relax 1, 1) do Prob's 26.1, 26.5, 26.11 1, 1) do Prob's 26.1, 26.5, 26.11 1, 1) do Prob's 26.1, 26.5, 26.11 1, 1) do Prob's 26.13, 26.16, 26.23, 26.24; not 26.36 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,						
CLASS: CLASS: CLASS: CLASS: Day 6 CLASS: J. Electric Current; J. Electric Cu						
## 2/26 CLASS: 1,1 combination of Capacitors; CLASS: 1,2 combination of Capacitors; 1,3 combination of Capacitors; 1,3 combination of Capacitors; 1,3 combination of Capacitors; 1,3 combination of Capacitors; 1,4 combination of Capacitors; 1,5 combination of Capacitor Discharge; 1,5 combination of Capacitors; 1,5 combination of Capacitors						20.2
## 2/26 CLASS: 1,1 combination of Capacitors; CLASS: 1,2 combination of Capacitors; 1,3 combination of Capacitors; 1,3 combination of Capacitors; 1,3 combination of Capacitors; 1,3 combination of Capacitors; 1,4 combination of Capacitors; 1,5 combination of Capacitor Discharge; 1,5 combination of Capacitors; 1,5 combination of Capacitors						
CLASS: C						
CLASS: C			10 7 pm	1.) study for test	1.) relax	
CLASS: CLASS: CLASS: CLASS: CLASS: Classis: Day 6						20.11
CLASS: CLASS: CLASS: CLASS: CLASS: Classis: Day 6	#	2/26	2/27	2/28	3/1	3/2 #
1.) Enerry Stored in a Capacitors (2apacitors (2apacitors) (2a) Capacitor (2apacitors) (2apacito	"					
Charged Capacitors 2, 1 Capacitors 2, 1 Capacitors 2, 1 Capacitor 2, 1 Capacitor 3, 1 Resistance 3, 1 Resi				,		
Richard's calendary 3,3 Book Section 26.3 Capacitor Discharge; 3,3 Book Section 26.4 and 26.5 Capacitor Discharge; 3,3 Book Section 27.1, 27.2 Emperature; 4,3 Extra Credit available 5,3 Book Section 27.1, 27.2 and 27.4 27.1 and 28.2 2.1 and 28.2 and 28.2 and 28.2 2.1 and 28.2						
3, Book Section 26.3 3, Book Section 26.4 and 26.5 HMWK: 1, 1 do Prob's 26.13, 26.16, 26.23, 26.24; not 26.36 and 27.4 HMWK: 1, 1 do Prob's 26.13, 26.16, 26.23, 26.24; not 26.36 and 28.21 HMWK: 1, 1 do Prob's 27.7, 27.12, 26.42, 26.46; not 26.36 and 28.21 HMWK: 1, 1 do Prob's 27.7, 27.32, not 27.35; 27.39; not 27.45 26.42, 26.46; not 26.36 and 26.45; 2.) EXTRA STUFF: Fletch's video zPoly: 39 (seat of the parts De Circuit analysis) at and capacitors) at imperimental part of the parts De Circuit analysis) at and capacitors and capac					3.) Resistance and	
3.) Book Section 26.4 and 26.5 http://www.bis.com/bis						
HMWK: 1, do Prob's 26.13, 1, do Prob's 26.31, 26.16, 26.23, 26.34, 26.37, 26.42, 26.46; not 26.36 27.11, 27.11, 27.15, 27.23, not 26.42, 26.46; not 26.36 27.11, 27.15, 27.23, not 26.42, 26.46; not 26.36 27.11, 27.15, 27.23, not 27.45 27.14, 27.15, 27.23, not 27.45 27.35, 27.39; not 27.45 27.14, 27.15, 27.23, not 27.45 27.35, 27.39; not 27.45 27.14, 27.15, 27.23, not 27.45 27.15, 27.35, 27.39; not 27.45 27.14, 27.15, 27.23, not 27.45 27.15, 27.39; not 27.45 27.11, 27.15, 27.39; not 27.45 27.15, 27.15, 27.39; not 27.45 27.15, 27.15, 27.15, 27.39; not 27.45 27.15, 27.15, 27.39; not 27.45 27.15, 27.39; not 27.45 27.15, 27.39; not 27.45 27.15, 27.15, 27.15, 27.39; not 27.45 27.15, 27.15, 27.15, 27.15, 27.15, 27.39; not 27.45 27.15, 27.39; not 27.45 27.15,		3.) Book Section 26.3			4.) Extra Credit available	
##WK: 1. do Prob's 26.13, 26.32, 26.24; not 26.33, 26.34, 26.37, 26.27 27.14, 27.15, 27.23; not 27.11; 27.11						
1.) do Prob's 26.13, 26.24; not 26.32, 26.34, 26.37, 26.32, 26.34, 26.32, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34			20.5		and 27.4	and 28.21
1.) do Prob's 26.13, 26.24; not 26.32, 26.34, 26.37, 26.32, 26.34, 26.32, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34						
1.) do Prob's 26.13, 26.24; not 26.32, 26.34, 26.37, 26.32, 26.34, 26.32, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34, 26.32, 26.34		HMWK:	HMWK:		HMWK:	HMWK:
26.16, 26.23, 26.24; not 26.25						
26.27 2.6.46; not 26.36 and 26.45; 2.) EXTRA STUFF: Fletch's video 2Poly; 39 (seat of the parts DC circuits) and capacitors) at http://youtu.be/BeptYroHtbw2c and capacitors) and capacitors and capac						
and 26.45; 2.) EXTRA STUFF: Fletch's video zPoly: 41 (dielectrics and capacitors) at http://youtus.be/8pb/tvwHbwZc # 3/5 3/6 3/7 3/8 3/8 3/9 # ***CLASS:					1 1	, , , , , ,
video zPoly: 41 (delectrics and capacitors) at https://www.yadube.com/watch?v=kni/bgsdFsi https://www.yadube.co			and 26.45;		2.) EXTRA STUFF: Fletch's	
# 3/5 L-day 3 CLASS: 1.) really big test IMMENSELY HUGE test that will determine whether you graduate			1 -			
# 3/12 Si. 1. Jab Prob's 28.1, 28.5, 28.9, 28.17 # 3/12 CLASS: 1. J. do Prob's 28.27, 28.27, 28.27, 29. Extra Credit Due (or is it later?) # 3/12 CLASS: 1. J. do Prob's 28.27, 28.5 2. J. Day 6 Section 2.83 # 3/12 CLASS: 1. J. Kirchoff's Rules; 2. J. Kirchoff's Rules; 3. J. Box Circuits lab # 3/12 Size CLASS: 1. J. do Prob's 28.21, 28.24, 28.27, 29. Extra Credit Due (or is it later?) # 3/12 CLASS: 1. J. do Prob's 28.25 2. J. Day 6 Section 2.83 # 3/13 Size CLASS: 2. J. J. J. do Prob's 28.21, 29. Extra Credit Due (or is it later?) # 3/14 Size CLASS: 1. J. Galvanometers, Ammeters, Voltmeters, 2. J. Household Wiring & Electrical Safety; 3. J. Box Section 28.5 # MMWK: HMWK: HMWK: HMWK: 1. J. Preview for test 1. J. relax 1. J. FIXED TO HERE # MWK: HMWK: HMWK: HMWK: HMWK: 1. J. review for test 1. J. relax 1. J. FIXED TO HERE # MWK: HMWK: HMWK: HMWK: HMWK: HMWK: 1. J. Preview for test 1. J. relax 1. J. FIXED TO HERE # MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY S THURSDAY FRIDAY A THURSDAY FRIDAY S THURSDAY FRIDAY S THURSDAY FRIDAY S THURSDAY THURSDAY FRIDAY S THURSDAY S THURSDAY THURS						
# 3/5					nttps://www.youtube.com/watch?v=kmi3mgsvrSi	
L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY HUGE test that will determine whether you graduate HMWK: 1.) do Prob's 28.1, 28.5, 28.6, 28.8, 28.9, 28.17 ## 3/12 CLASS: 1.) do Prob's 28.21, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.25, 28.24, 28.27, 29.24, 28.24, 28.27, 29.24, 28.24, 28.24, 28.24, 28.24, 28.24, 28.24, 28.24, 28.24, 28.24, 28.27, 29.24,			Inttp://youtu.be/bpb/twnbwzc			
CLASS: 1.) Kirchhoff's Rules; 2.) Book Section 2.83 1.) Kirchhoff's lab? (not on Richard's calendar); HUGE test that will determine whether you graduate HMWK: 1.) do Prob's 28.1, 28.5, 28.6, 28.9, 28.17 28.24, 28.27, 28.27, 28.27, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 29.24 28.27, 28.24, 28.24, 28.27, 28.24, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 2	-	2/5	2.16			
1.) really big test IMMENSELY HUGE test IMMENSELY HUGE test that will determine whether you graduate HMWK: 1.) do Prob's 28.1, 28.5, 28.6, 28.9, 28.17 2.) 8c	#	3/5	3/6	3/7	3/8	3/9 #
HUGE test that will determine whether you graduate HMWK: 1.) do Prob's 28.1, 28.5, 28.6, 28.8, 28.9, 28.17 ** ** ** ** ** ** ** ** **	#		CLASS:	CLASS:		
HUGE test that will determine whether you graduate	#	L-day 3 CLASS:	CLASS: 1.) Kirchhoff's Rules;	CLASS: 1.) Kirchoff's lab? (not on		CLASS:
determine whether you graduate	#	L-day 3 CLASS: 1.) really big test	CLASS: 1.) Kirchhoff's Rules;	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar);		CLASS:
# 3/12 3/13 3/14 3/15 3/16 # # 3/12 3/13 3/14 3/15 3/16 # # 2 3/12 3/13 3/14 3/15 3/16 # # 2 3/12 3/13 3/14 3/15 3/16 # # 2 3/12 3/13 3/14 3/15 3/16 # # 2 3/12 3/13 3/14 3/15 3/16 # # 2 3/12 3/13 3/14 3/15 3/16 # # 2 3/12 3/13 3/14 3/15 3/16 # # 3/12 3/13 3/14 3/15 3/16 # # 2 3/12 3/13 3/14 3/15 3/16 # # 3/12 3/13 3/14 3/15 3/16 # # 3/12 3/13 3/14 3/15 3/16 # # 3/12 3/13 3/14 3/15 3/16 # # 3/15 CLASS: 1.) Lab~RC Circuits; 2.) Extra Credit Due (or is it later?)	#	L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY	CLASS: 1.) Kirchhoff's Rules;	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar); 2.) Kirchhoff's Rules;		CLASS:
## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/13 3/14 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/12 3/15 3/16 # ## 3/15 3/16 #	#	L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY HUGE test that will	CLASS: 1.) Kirchhoff's Rules;	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar); 2.) Kirchhoff's Rules;		CLASS:
1.) do Prob's 28.1, 28.5, 28.6, 28.8, 28.9, 28.17 # 3/12 3/13 3/14 3/15 CLASS: 1.) L-day 3 CLASS: 1.) Galvanometers, Ammeters, Voltmeters. 2.) Household Wiring & Electrical Safety; 3.) Book Section 28.5 HMWK: 1.) do Prob's 28.21, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 29.24 (Kirchoff's Law) www.youtube.com/watch?v-kmD/gsvFs1 # 3/12 3/13 3/14 3/15 CLASS: 1.) L-day 3 CLASS: 1.) Intro to Air Friction Activity CLASS: 1.) Galvanometers, Ammeters, Voltmeters. 2.) Household Wiring & Electrical Safety; 3.) Book Section 28.5 HMWK: HMWK: 1.) for Prob's 28.32, 28.34; 2.) EXTRA STUFF: Fletch's video on Kirchoff's Law at 2Poly: 40 (Kirchoff's Law) www.youtube.com/watch?v-kmD/gsvFs1 # 3/12 3/13 3/14 3/15 CLASS: CLASS: 1.) Intro to Air Friction Activity Classification Activ	#	L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY HUGE test that will determine whether you	CLASS: 1.) Kirchhoff's Rules;	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar); 2.) Kirchhoff's Rules;		CLASS:
1.) do Prob's 28.1, 28.5, 28.6, 28.8, 28.9, 28.17 # 3/12 3/13 3/14 3/15 CLASS: 1.) L-day 3 CLASS: 1.) Galvanometers, Ammeters, Voltmeters. 2.) Household Wiring & Electrical Safety; 3.) Book Section 28.5 HMWK: 1.) do Prob's 28.21, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 29.24 (Kirchoff's Law) www.youtube.com/watch?v-kmD/gsvFs1 # 3/12 3/13 3/14 3/15 CLASS: 1.) L-day 3 CLASS: 1.) Intro to Air Friction Activity CLASS: 1.) Galvanometers, Ammeters, Voltmeters. 2.) Household Wiring & Electrical Safety; 3.) Book Section 28.5 HMWK: HMWK: 1.) for Prob's 28.32, 28.34; 2.) EXTRA STUFF: Fletch's video on Kirchoff's Law at 2Poly: 40 (Kirchoff's Law) www.youtube.com/watch?v-kmD/gsvFs1 # 3/12 3/13 3/14 3/15 CLASS: CLASS: 1.) Intro to Air Friction Activity Classification Activ	#	L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY HUGE test that will determine whether you	CLASS: 1.) Kirchhoff's Rules;	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar); 2.) Kirchhoff's Rules;		CLASS:
28.6, 28.8, 28.9, 28.17 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 28.24, 28.27, 29.3 EXTRA STUFF: Fletch's video on Kirchoff's Law at zPoly: 40 (Kirchoff's Law) 28.24, 28.27, 29.3 EXTRA STUFF: Fletch's video on Kirchoff's Law at zPoly: 40 (Kirchoff's Law) 29.4 CLASS: 1.) L-day 3 1.) Lab-RC Circuits; 2.) EXTRA Credit Due (or is it later?) 1.) Galvanometers, Armibigor's Improved the conversed at zPoly: 40 (Kirchoff's Law) 28.24, 28.27, 28.24, 28.27, 29.2 EXTRA STUFF: Fletch's video on Kirchoff's Law at zPoly: 40 (Kirchoff's Law) 20.4 EXTRA STUFF: Fletch's video on Kirchoff's Law 3/15 3/16 # CLASS: TEST 9 (ch 26, 27 and 28capacitors, circuits and Kirchoff's Laws) 28capacitors, circuits and Kirchoff's Laws) 28capacitors, circuits and Kirchoff's Laws) 48capacitors, circuits and Kirchoff's Laws) 48capacitors, circuits and Kirchoff's Laws) 28capacitors, circuits and Kirchoff's Laws) 29capacitors, circuits and Kirchoff's Laws) 20capacitors, circuits and Kirchoff's Laws)	#	L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY HUGE test that will determine whether you graduate	CLASS: 1.) Kirchhoff's Rules; 2.) Book Section 2.83	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar); 2.) Kirchhoff's Rules; 3.) Box Circuits lab		CLASS: 1.) RC circuits
video on Kirchoff's Law at zPoly: 40 (Kirchoff's Law) www.youtube.com/watch?v=kmIMgsvFSI # 3/12 3/13 3/14 3/15 3/16 # CLASS: 1.) L-day 3 1.) Lab-RC Circuits; 2.) Extra Credit Due (or is it later?) Logivanometers, Ammeters, Voltmeters. 2.) Household Wiring & Electrical Safety; 3.) Book Section 28.5 HMWK: 1.) do Prob 28.42; 2.) CHIPOTLE NIGHT from 5 pm to 7 pm HMWK: 1.) review for test	#	L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY HUGE test that will determine whether you graduate HMWK:	CLASS: 1.) Kirchhoff's Rules; 2.) Book Section 2.83	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar); 2.) Kirchhoff's Rules; 3.) Box Circuits lab		CLASS: 1.) RC circuits HMWK:
# 3/12 3/13 3/14 3/15 3/16 # CLASS: 1.) Lab-RC Circuits; 2.) Extra Credit Due (or is it later?) (or is it later?) HMWK: 1.) do Prob 28.42; 2.) CHIPOTLE NIGHT from 5 pm to 7 pm HMWK: N	#	L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY HUGE test that will determine whether you graduate HMWK: 1.) do Prob's 28.1, 28.5,	CLASS: 1.) Kirchhoff's Rules; 2.) Book Section 2.83 HMWK: 1.) do Prob's 28.21,	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar); 2.) Kirchhoff's Rules; 3.) Box Circuits lab HMWK: 1.) do Prob's 28.32, 28.34;		CLASS: 1.) RC circuits HMWK: 1.) Complete lab if not done
# 3/12 3/13 3/14 3/15 3/16 # CLASS:	#	L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY HUGE test that will determine whether you graduate HMWK: 1.) do Prob's 28.1, 28.5,	CLASS: 1.) Kirchhoff's Rules; 2.) Book Section 2.83 HMWK: 1.) do Prob's 28.21,	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar); 2.) Kirchhoff's Rules; 3.) Box Circuits lab HMWK: 1.) do Prob's 28.32, 28.34; 2.) EXTRA STUFF: Fletch's		CLASS: 1.) RC circuits HMWK: 1.) Complete lab if not done
CLASS: 1.) Lab-RC Circuits; 2.) Extra Credit Due (or is it later?) HMWK: 1.) do Prob 28.42; 2.) CHIPOTLE NIGHT from 5 pm to 7 pm CLASS: CLASS: CLASS: CLASS: TEST 9 (Ch 26, 27 and 28capacitors, circuits and Kirchoff's Laws) CLASS: TEST 9 (Ch 26, 27 and 28capacitors, circuits and Kirchoff's Laws) Activity Day 6 (third quarter ends) TEST 9 (Ch 26, 27 and 28capacitors, circuits and Kirchoff's Laws) Activity THMWK: 1.) Intro to Air Friction Activity Activity THMWK: 1.) Intro to Air Friction Activity THOMPS: THOMPS: THOMPS: THOMPS: THURSDAY THURSDAY THURSDAY THURSDAY FRIDAY SA T	#	L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY HUGE test that will determine whether you graduate HMWK: 1.) do Prob's 28.1, 28.5,	CLASS: 1.) Kirchhoff's Rules; 2.) Book Section 2.83 HMWK: 1.) do Prob's 28.21,	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar); 2.) Kirchhoff's Rules; 3.) Box Circuits lab HMWK: 1.) do Prob's 28.32, 28.34; 2.) EXTRA STUFF: Fletch's video on Kirchoff's Law at zPoly: 40 (Kirchoff's Law)		CLASS: 1.) RC circuits HMWK: 1.) Complete lab if not done
CLASS: 1.) Lab-RC Circuits; 2.) Extra Credit Due (or is it later?) HMWK: 1.) do Prob 28.42; 2.) CHIPOTLE NIGHT from 5 pm to 7 pm CLASS: CLASS: CLASS: CLASS: TEST 9 (Ch 26, 27 and 28capacitors, circuits and Kirchoff's Laws) CLASS: TEST 9 (Ch 26, 27 and 28capacitors, circuits and Kirchoff's Laws) Activity Day 6 (third quarter ends) TEST 9 (Ch 26, 27 and 28capacitors, circuits and Kirchoff's Laws) Activity THMWK: 1.) Intro to Air Friction Activity Activity THMWK: 1.) Intro to Air Friction Activity THOMPS: THOMPS: THOMPS: THOMPS: THURSDAY THURSDAY THURSDAY THURSDAY FRIDAY SA T	#	L-day 3 CLASS: 1.) really big test HUGE test IMMENSELY HUGE test that will determine whether you graduate HMWK: 1.) do Prob's 28.1, 28.5,	CLASS: 1.) Kirchhoff's Rules; 2.) Book Section 2.83 HMWK: 1.) do Prob's 28.21,	CLASS: 1.) Kirchoff's lab? (not on Richard's calendar); 2.) Kirchhoff's Rules; 3.) Box Circuits lab HMWK: 1.) do Prob's 28.32, 28.34; 2.) EXTRA STUFF: Fletch's video on Kirchoff's Law at zPoly: 40 (Kirchoff's Law)		CLASS: 1.) RC circuits HMWK: 1.) Complete lab if not done
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FACULTY WRITING DAY (no school)	CLASS: 1.) Air Friction Activity	CLASS: 1.) Magnetic Fields & Forces; 2.) Motion of a Charged Particle in a Uniform Magnetic Field. Demo: Magnetic Force on moving charge. 3.) Book Sections 29.1 and 29.2	Magnetic Field;	CLASS: 1.) Torque on a Current Loop in a Uniform Magnetic Field; 2.) galvanometers; 3.) book section 29.5
	HMWK: 1. Carefully read the Magic Mountain assignment. If you aren't familiar with the specific ride, feel free to Google it so you have an idea of what it's like and the physical motion of the ride at the particular point we ask about. 2. State your question. For the question: a. What principle(s) can be used to find a solution? How will they be helpful? What assumptions do you need to make to use them? Are those assumptions reasonable? b. What measurement(s) will you need to take in order to use those principles? How will you take those measurements? How will you ensure they are as accurate as possible?	29.8, 29.9, 29.13, 29.15, 29.19	HMWK: 1.) do Prob's 29.24, 29.29, 29.35, 29.37; 2.) EXTRA STUFF: Fletch's video zPoly: 43 (B-fields and current-carrying wires) at https://www.youtube.com/watch?v=022ku_T-0GE	HAVE A GREAT SPRING BREAK
# 3/26				
Spring Break	Spring Break	Spring Break	Spring Break	Spring Break
# 4/2	4/3	,	·	
CLASS: Class trip: Magic Mountain field trip	Day 6	CLASS: 0.) ask who has a test on 5/2 in Calc BC during A per (like to put test off one day); 1.) quick review; 2.) Hall Effect; 3.) rod down incline prob; 4.) devices based on B-flds; 5.) Book Sections 29.6	CLASS: 1.) Lab: Drawing Magnetic Field lines	L-day 3 CLASS: 1.) Magnetism in Matter; 2.) Biot-Savart Law; 3.) The Magnetic Force Between Two Parallel Conductors; 4.) Book Sections 30.6, 30.1 and 30.2
HMWK: 1.) complete MM write-up		HMWK: 1.) do Prob's 29.44, 29.47, 29.51 2.) EXTRA STUFF: Fletch's video zPoly: 50 (mass spectrometer) at https://youtu.be/mnhh0uRvQ20	HMWK: 1.) do Prob's 30.39, 30.45, 30.47	HMWK: 1.) do Prob's 30.2, 30.3, 30.5, 30.13, 30.23
# 4/9		Ţ	4/12	4/13 #
CLASS: 1.) Ampere's Law 3.) Book Section 30.3	CLASS: 1.) The Magnetic Field of a Solenoid; 2.) Gauss's Law in Magnetism; 3.) book sections 30.4 and 30.5	Day 6	CLASS: 1.) review for exam	TEST 10 (magnetic fields)
HMWK: 1.) do Prob's 30.29, 30.32, 30.34, 30.36	HMWK: 1.) do Prob's 30.39, 30.45, 30.47		HMWK: 1.) prepare for test	HMWK: 1.) relax
# 4/16	4/17	4/18	4/19	4/20 #

L-day 3 CLASS: 1.) island series induction; 2.) intro to induction; 3.) LabFaraday's Law	CLASS: 1.) Faraday's Law of Induction; 2.) Motional emf; 3.) book sections 31.1 and 31.2	CLASS: 1.) Lenz's Law; 2.) book section 31.3	Day 6	CLASS: 1.) Eddy Currents; DEMO-Eddy Currents; 2.) Self-Inductance; 3.) book section 31.6 and 32.1
HMWK: 1.) complete Faraday's Law lab to be turned in tomorrow	HMWK: 1.) do Prob's 31.6, 31.9, 31.14; 2.) EXTRA STUFF: Fletch's video zPoly: 45 (motional EMS's) at https://youtu.be/SK2CraiWk0U	HMWK: 1.) do Prob's 31.20, 31.23, 31.25, 31.30		HMWK: 1.) do Prob 31.44
4/23		,	,	
CLASS: 1.) RL circuits; 2.) book section 32.2	L-day 3 CLASS: 1.) energy in a Magnetic Field; 2.) book section 32.3	CLASS: 1.) review for test	CLASS: 1.) we'll see	Day 6
HMWK: 1.) do Prob's 32.3, 32.7, 32.10, 32.14	HMWK: 1.) do Prob's 32.16, 32.17, 32.21	HMWK: 1.) review for the test	HMWK: 1.)	
4/30	5/1	5/2	5/3	5/4
-1 /30	CLASS:	CLASS:	L-day 3	CLASS:
FRANCIS WASS DAY	1.) Review for Exam; Free Response	TEST 11 (Faraday's Law and induction)	CLASS: 1.) Review for Exam; Multiple Choice	1.) Review for Exam; Free Response
	HMWK: 1.)	HMWK: 1.)	HMWK: 1.)	HMWK: 1.)
5/7	5/8	5/9	5/10	5/11
AP exams: (Spanish Lit in AM, Psych in PM) CLASS: 1.) Review for Exam; Multiple Choice	AP exams: (Spanish Lang in AM, Art Hist in PM) Day 6	AP exams: (Engl Lit in AM, Japanese Lang in PM) CLASS: Don't meet	AP exams: (U.S. Govt in AM, Chinese Lang in PM) CLASS: 1.) Review for Exam; Multiple Choice	AP exams: (U.S. Hist in AM, Comp Sci Principles in PM) L-day 3 CLASS: 1.) Review for Exam; Free Response
HMWK: 1.)		HMWK: 1.)	1.)	1.)
AP exams: (Bio and Music Theory in AM, Physics C-Mechanics AND Physics C-E&M in PM) CLASS: 1.) pray a lot	5/15 AP exams: (Calc in AM, French Lang and Comp Sci A in PM) CLASS: 1.)	5/16 AP exams: (Engl Lang in AM, Macro Econ in PM) Day 6	5/17 AP exams: (World Hist in AM, Statistics in PM) CLASS: 1.)	5/18 AP exams: (Micro Econ in AM, Latin in PM) CLASS: 1.)
HMWK:	HMWK:		HMWK:	HMWK:
5/21	5/22	5/23	5/24	5/25
L-day 3	CLASS:	CLASS:	Day 6	CLASS: (day 1 schedule)
CLASS: 1.)	1.)	1.)		1.)
HMWK: 1.)	HMWK: 1.)	HMWK: 1.)		HMWK: 1.)
5/28	5/29	5/30	5/31	6/1
Memorial Day Holiday SENIOR TRIP	Finals SENIOR TRIP	Finals SENIOR TRIP	Finals SENIOR TRIP	Finals SENIOR TRIP