Chp 5	5 &	6:	Force	&	Motion	&	Newton	'S	Laws
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		CA State Standards : Physic	cs: Motion						
1. The velocity of an	object is	the rate of change of its position. As a basis for understan	ding this concept, students know:						
a. position is defined	l relative	to some choice of standard reference point and a set of refe	rence directions.						
b. average speed is	the total	distance traveled divided by the total time elapsed. The spee	ed of an object along the path traveled can vary.						
c. how to solve prob	lems invo	olving distance, time, and average speed.							
d. to describe the ve	locity of	an object one must specify both direction and speed.							
f how to interpret an	anhs of r	changes in speed, direction, or both.	ale direction						
1. new to interpret gr	upiio 01 p								
CA State Standards : Forces									
2. Unbalanced force	s cause	changes in velocity. As a basis for understanding this conce	ept, students know:						
h when an object is	subject f	and magnitude. to two or more forces at once, the effect is the cumulative eff	ect of all the forces						
c. when the forces o	n an obie	ect are balanced, the motion of the object does not change.							
d. how to identify se	parately	two or more forces acting on a single static object, including	gravity, elastic forces due to tension or compression in						
matter, and friction.									
e. when the forces o	n an obj	ect are unbalanced the object will change its motion (that is, i	t will speed up, slow down, or change direction).						
f. the greater the mass of an object the more force is needed to achieve the same change in motion.									
g. the role of gravity in forming and maintaining planets, stars and the solar system.									
Wk 21 : Feb 3,6-10: Chp 5: Motion & Forces Sections 1&2 Holt Chp 5									
		Hwk: Chp5 Little Book: Monday Feb	27th- in class						
2/1&2 Wed/Thur	Blk2	Lect 1: Distance, Time, Speed:							
2/3 Friday		Lect 2: Forces: Velocity Formulas:							
2/6 Mon		Lect 3: Friction ppt / Little Book Work Time							
2/7-8 Tue/Wed Bl	k1	Lect 4: Gravity ppt /Lab: Bubble Gum Physics							
2/9 Thur: Blk2		Lect 5: Forces & Motion: ppt / Little Bk Work Time	E Little Book Work Time						
2/10 Friday		Lab: Speed Machines							
Wk 22 · Feb	13.1	6 Chn 5: Motion & Forces Sections 3 & / Holt	Chn 5 ng·101-135 No School Friday						
		Hwk: Chp 5 Little Book: Due DUE Fri F	Sch 24 in class						
2/12 Monday		Pornoulli's principle: Labs							
2/13 Monday		Demouli's principle. Labs							
2/14-13 Tues/ Wet									
2/15-16 VVed/1nu	BIKZ	Flying Car building							
2/17 Fri: No School: President's Day Weekend!									
Wk 23: Feb 21-Feb 24 Flying Car Building Week No School Monday Chp 5 Little Book DUE Fri Feb24									
Tues-Fri Flying Car Building Days! Little Book: Chp 5 Little Book: Fri Feb 24th-in class									
Wk 24: Feb 27- Mar 3 Chp 6: Newton's Laws									
Mon: Lect 7: Chn 6 Newton's Laws part 1									
Tues/ Wed Blk1	Lect 8:	Chp 6 Newton's Laws part 2							
Wed/Thu Blk2	Chn 6	l ittle Book Work Timel							
Fri:	Flying	Car Trials: Distance Time & Speed							
Mik 25: Max 6 40. Dollar Coostar Wab Outoot Maale 1									
WK 25: War of IU Roller Coaster Web Quest Week Lect/Lab NB : Due on Mon Mar 13 Before School									
Lab Lect/NB due on Mon Mar 13th- BEFURE School / Chp 6 Little Book due on test day (Mar 14 & 15th)									
Mon/Tues/ Wed Bl		Roller Coaster Web quest week. A study on 1 ofces a Motion FLOS Americ a Potential Energy							
		Roller Coaster Ruilding Davl							
		RC Poster Day, Notebook Assembly Day							
Wk 26: Mar 13-15 Einal Exam Chn 586 Plack David Look (Lab ND - Due en Man Mar 43 Defens Cab									
WK 20: War 13-15 Final Exam Chp 5&6 Block Day1 Lect /Lab NB : Due on Mon Mar 13 Before School									
	Lab Le	ct/NB due on Monday- BEFORE School / Chp 6 Little I	Book due on test day (Mar 14th/15th)						

Tues/ Wed Blk1 Final exam (Pd 2,3 4 Tues / Pd 5&6 Wed) : Lab/Lecture Notebk Due Before School Tues ALL Classes Wk 26-27: Mar 15-17 & Mar 20-24 Hover Crafts & Wind Turbines