

Chapter 8 Classroom - Work Outline			9:49 AM 1/25/2011		
A	1	8.1 Work-Force and Displacement 280	Power Point	A Look at Work and Kinetic Energy	Web
A	2	(Must Read!!!)	Discussion	Dot Product - Vectors	
A	3		Discussion	Summary 286	
A	4		Discussion	Plot of force vs distance	
A	5		Worksheet	a. Momentum and Kinetic Energy	Web
A	6			b. Car and Bullet	
A	7			c. Frame of Reference	
A	8		Power Point	Car and Bullet - after doing worksheet	
A	9		sp 280	1 2 3 4	
A	10		pp 282	1 2	
A	11		ecp 341	17 18 19	
A	12		sp 283	1 2	
A	13		pp 284	1	
A	14				
B	1	8.2 Kinetic Energy 287	Discussion	$W = \Delta E_K$	
B	2	(Must Read!!!)	sp 288	1 2 3 4	
B	3		Discussion	Relate momentum and kinetic energy	
B	4		Investigation	Work and Kinetic Energy?	
B	5		sp 290	1 2	
B	6		pp 290	1 2 3 4 5	
B	7		ecp 342	20 21 22 23 24 25 26 27	
B	8				
C	1	8.3 P.E. and Conservation of Energy 291	Discussion	Potential Energy, Relationship to E_K	
C	2	(Must Read!!!)			
C	3				
D	1	8.5 Gravitational PE Near Earth's Surface 298	Discussion	$W = \Delta E_g = m g \Delta h$	
D	2	(Must Read!!!)	sp 300	1 2 3 4	
D	3		pp 303	1 2 3 4 5 6	
D	4		ecp 343	35 36 37 38 39 [40] 41	
D	5				
E	1	8.4 P.E. and Hooke's Law 293 ???			
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F	1	8.6 Gravitational P.E. in General 305 ???	Discussion	ecp p 345 42 43 44	
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G	1	8.7 Escape from Earth's Grav. Field 309	Discussion	ecp p 345 45 46 47	
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H	1	8.8 Transfer of Energy in Simple Collision 315			
H	2				
H	3				
I	1	8.9 A Closer Look at Elastic Collision 317			
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I	3				
J	1	8.10 Elastic and Inelastic Collisions 323			
J	2				
J	3				
K	1	3.11 Solving Elastic Collision Problems 325			