

Topics to be covered for the 1st semester of the 2008-2009 school year For Physics

Date	Topic
August 19	Rolling a Ball on an Inclined Plane
August 26	Takeoff of an Airplane
September 2	Two-Dimensional Motion and Vectors
September 9	Resolving Vectors
September 16	Air Resistance
September 23	Forces on an Inclined Plane
September 30	Friction and Inclined Planes
October 7	Friction: Your Friend or Your Enemy?
October 14	Spring Constant
October 21	Balancing Torques and Forces
October 28	Potential and Kinetic Energy
November 4	Work and Power
November 11	Mechanical Advantage
November 18	Mechanical Advantage of Pulleys
November 25	Collisions in One Dimension
December 2	Two-Dimensional Collisions
December 9	Impulse of a Force
December 16	Impulse-Momentum Theorem