

PHYSICS - UNIT 4 SYLLABUS

PROJECTILE MOTION			
Readings: Cutnell & Johnson pp. 59-77			
Date	Lesson	Handouts	Assignments Due
2/2	Discussion: Projectile Motion Concepts Pocket Tanks Projectile Simulation	Homework Set - Projectile Motion Syllabus - Projectile Motion Worksheet - Projectiles on Earth and in Space	
2/3	Motion in the X and Y directions... Demo - Monkey Shoot, fire/drop a bullet Examples in 2D	Worksheet - Fun with Football	Worksheet - Projectiles on Earth and in Space
2/4	Check Worksheet Fun With Football Pre Lab - Target Shoot Relative Velocity	Lab - Target Shoot Wkst - Relative Velocity	Worksheet - Fun with Football
2/5	Lab – Target Shoot Quiz - Projectile Motion		Calculations for Target Lab Section Outlines due
2/8	Computer Lab - Simulating a projectile w/ a spreadsheet	Sample Spreadsheet Activity - Spreadsheet Analysis	Wkst - Relative Velocity
2/9	Quiz - Relative Velocity Activity - Fact or Fiction? Air Resistance and Proj. Motion	Activity - Fact or Fiction	Spreadsheet Analysis Worksheet
2/10	IP2005 Act. 5.4 Check Homework Sets Review for Test		Activity-Fact or Fiction Homework Sets IP Act 5.4
2/11	Test – Projectile Motion		Lab writeups due on next school day...