

Activity Sheet 1

(* Required assignments, optional assignments for extra credit)

Days 1 – 4

Group *

- Design and perform lab 1 on motion
- Design and perform lab 2 on motion

Individual (or in pairs)

- * Web Activity: ID Kinematics from the Physics Classroom:
<http://www.physicsclassroom.com/Class/1DKin/1DKinTOC.html>
- Web Activity: Do PhysicsQuestI, part Is and II:
<http://physicsquest.homestead.com/quest2.html>
- Do PhysicsQuest II:
http://home.nc.rr.com/enloephysics/enloephysics/Kinematics/Page_1x.html
- Do Physics Simulation: Ice Skating I
- * Do Motion Worksheet One – Avg Speed Problems
- * Take quiz 1 (done as benchmark lesson – whole class)

Homework *

- HW 1: Read pages 31 – 37; do p. 33: Sec Review #'s 1, 3, & 4 and p. 37: Sec Review #'s 5 & 7
- HW 2: Read pages 38 – 47; do p. 39: Prac. Prob #'s 9, 10, & 11; p. 41: Prac Prob # 18; p. 42: Sec Review # 19 & 24; p. 47: Sec Review # 29, 30, 31

Days 5 – 8

Group *

- Design and perform lab on accelerated motion
- Devise and perform Free Fall lab

Individual

- * Finish Web Activity: PhysicsClassroom 1D Kinematics
- Do Physics Simulation: Ice Skating II
- * Do Motion Worksheet Two: Acceleration Problems
- * Do Kinematics worksheet
- * Take quiz 2 (done as benchmark lesson – whole class)
- Do Physics simulation: **Free Fall**
- * Do Free Fall worksheet
- * Take quiz 3 (done as benchmark lesson – whole class)
- Attend mini-lesson

Honors Physics

Homework *

- HW 3: Read pages 57 – 64; do p. 61 Prac Prob #'s 3 & 4; p. 64 Prac Prob #'s 6 – 9; p. 64 Sec Review #'s 12, 13, & 16
- HW 4: Read pages 65 – 71; do p. 65 Prac Prob #'s 19 – 21; p. 67 Prac Prob #'s 22 & 25; p. 69 Prac Prob # 27; p. 71 Sec Review #'s 34, 35, & 41
- HW 5: Read pages 72 – 75; do p. 74 Prac Prob #'s 42 & 43; p. 75 Sec Review #'s 48 & 52
- Plan study sessions for test

Days 9 - 10

Group *

- Do Coop Review

Individual

- *Do self assigned section of Coop Review
- Do individual review
- Take Unit Test

Homework:

- Study for test