

Benchmarks and Competencies for Physics I

Week 1-3 (August 8-20) (Apply mathematics in physics)-Competency 1a-d

Week 4-5 (August 21-September 3) (Investigate kinematics of physical bodies) Competency 2a-e

Week 5-9 (September 4-30) (Investigate kinematics of physical bodies) Competency 2a-e

Week 10-13 (October 1-21) (Investigate physical dynamics) Competencies 3a-e

Week 14-16 (October 22-November 13) (Investigate physical dynamics) Competencies a-h

Week 17-18 (November 14-28) (Explore relationships among work/power) Competencies 4a-c

Week 19-22 (November 29-December 20) (Explore concepts of power/energy) Competency 4a-c

Week 23-25 (January 8-29) (Describe properties of waves) Competency 5a-b

Week 26-27 (January 30-February 13) (Describe characteristics of waves) Competency 5a-b

Week 28-30 (February 14-March 4) (Investigate electromagnetic radiation) Competency 6a-c

Week 31-32 (March 5-22) (Investigate electromagnetic principles) Competency 6a-c

Week 33-34 (March 23-April 6) (Measure properties of static current electricity) Competency 7a-d

Week 35-36 (April 7-May 18) (Measure properties of current electricity) Competency 7a-d