

**Explorations in Science**  
**Unit A: Motion, Forces, and Scientific Theories**

**APROXIMATE COURSE SCHEDULE USED FOR 1 QUARTER**  
**AT SANTA CLARA UNIVERSITY (WINTER 2000)**

Class met three times weekly for 1 hr 5min (though we recommend three times weekly for 1 hr 50 min)

**Unit A: Motion, Forces, & Scientific Theories**

- Wk 1 The Measurement Process
- Wk 2 Motion Sensors, Analyzing Motions
- Wk 3 Defining Velocity, the Effect of Pushes
- Wk 4 Defining Force and Acceleration
- Wk 5 How Force Affects Motion
- Wk 6 The Real World, Gravity and Friction
- Wk 7 Exam, Begin Projects
- Wk 8 Continue Projects (No class Feb. 21)