You should be able to:

- 1. Decompose vectors into perpendicular components.
- 2. Add vectors both at right angles and otherwise by using step 1.
- 3. Interpret a graph to determine distance, displacement, speed, velocity and acceleration.
- 4. Use Galileo's BIG THREE to calculate time, displacement, velocity and acceleration.
- 5. Solve for time in air, horizontal displacement and vertical displacement of projectiles.