Unit VIII: Circular Motion
What you should know when all is said and done

By the time you finish all labs, worksheets and related activities, you should be able to:

1. Graph and state the relationships between Force and mass, Force and radius, and Force and period for an object undergoing uniform circular motion.

2. State the mathematical model which describes the relationship between Force, mass, radius and period.

3. State the mathematical model for centripetal force. Use the mathematical model to solve for the missing variable, given the other two.

4. Distinguish between centripetal and centrifugal force.

5. Construct force diagrams which display the force acting on an object undergoing uniform circular motion.