## **Graphing Summary**

Study Lessons 3 and 4 of the 1-D Kinematics chapter at The Physics Classroom: http://www.physicsclassroom.com/Class/1DKin/1KinTOC.html

**MOP Connection:** Kinematic Graphing: sublevels 1-11 (emphasis on sublevels 9-11)

Constant Velocity Object moves in + Direction	Constant Velocity Object moves in - Direction	Constant + Acceleration Object moves in + Direction
Velocity Dir'n: + or -	Velocity Dir'n: + or -	Velocity Dir'n: + or - Speeding up or Slowing Down?
time	time time	time
Velocity 0 time	Velocity 0 time	Velocity 0

Constant + Acceleration Object moves in - Direction	Constant - Acceleration Object moves in - Direction	Constant - Acceleration Object moves in + Direction
Velocity Dir'n: + or - Speeding up or Slowing Down?	Velocity Dir'n: + or - Speeding up or Slowing Down?	Velocity Dir'n: + or - Speeding up or Slowing Down?
e time	in time	in time
Velocity 0	Velocity 0	Velocity 0