Quiz

- What is meant by the term Equator?
- What are perihelion and aphelion?
- If it is summer in Australia, what season is it in New Mexico?
- What causes Earth's seasons?
Typical Answer for Cause of the Seasons:

Drawing an ellipse: loop string around thumb tacks at each focus and stretch string tight with a pencil while moving the pencil around the tacks. The Sun is at one focus.
Elliptical Orbits

- This answer does have a noticeable effect for Mars, but not for Earth.
The Real Reason: