Name: _____

Unit D Key Terms

Chapter 10
Light is part of the electromagnetic spectrum and travels in waves.

- □ additive colour theory
- □ amplitude
- □ bioluminescence
- □ chemiluminescence
- □ crest
- □ diffuse reflection
- □ electric discharge
- □ electroluminescence
- □ electromagnetic radiation
- □ electromagnetic spectrum
- □ fluorescent
- □ frequency
- □ gamma rays
- □ incandescent
- □ infrared waves
- □ light-emitting diode
- □ liquid crystal
- □ liquid crystal display
- □ microwaves
- □ model
- □ opaque
- □ organic light-emitting display
- □ penumbra
- □ phosphor
- □ phosphorescence
- □ plasma display
- □ prism
- □ property
- □ radio waves
- □ ray model of light
- □ reflect
- □ regular reflection
- □ rest position
- □ subtractive colour theory
- □ translucent
- □ transparent
- □ triboluminescence
- □ trough
- □ ultraviolet rays
- □ umbra
- □ visible spectrum
- □ wave
- □ wave model of light
- □ wavelength
- □ X-rays

continued ▶

Name: _____

Unit D Key Terms (continued)

Chapter 11
Ray diagrams model the behaviour of light in mirrors and lenses.

- □ angle of incidence
- □ angle of reflection
- □ angle of refraction
- □ axis of symmetry
- □ concave lens
- □ concave mirror
- □ converging lens
- □ converging mirror
- □ convex lens
- □ convex mirror
- □ dispersion
- □ diverging lens
- □ diverging mirror
- □ focal length
- □ focal point
- □ geometric optics
- □ image
- □ incident ray
- □ index of refraction
- □ law of reflection
- □ lens
- □ magnification
- □ medium
- □ mirage
- □ normal
- □ optical device
- □ optical fibre
- □ plane mirror
- □ real image
- □ refraction
- □ Snell's law
- □ solar oven
- □ thin lens
- □ thin lens equation
- □ total internal reflection
- □ vertex
- □ virtual image

continued ▶

Name: _____

Unit D Key Terms (continued)

Chapter 12
Optical devices help us see farther and more clearly than we can with unaided eyes.

- □ aperture
- □ astigmatism
- □ binoculars
- □ blind spot
- □ camera
- □ colour blindness
- □ colour vision deficiency
- □ compound microscope
- □ cone cells
- □ cornea
- □ diaphragm
- □ far-sighted
- □ iris
- □ laser
- □ near-sighted
- □ optic nerve
- □ optometrist
- □ ophthalmologist
- □ photons
- □ photonics
- □ photoreceptors
- □ pixels
- □ pupil
- □ reflecting telescope
- □ refracting telescope
- □ retina
- □ rod cells
- □ shutter
- □ telephoto lens
- □ telescope
- □ wide-angle lens