**Wavelength** the distance between two consecutive peaks or troughs in a wave

**Weak acid** an acid that dissociates only to a slight extent in aqueous solution

**Weak base** a base that reacts with water to produce hydroxide ions to only a

slight extent in aqueous solution

**Weak electrolyte** a material that, when dissolved in water, gives a solution that

conducts only a small electric current

**Weight** the force exerted on an object by gravity

**Work** force acting over a distance