**Glossary**

**Visible:** able to be seen

**Reflect:** to bend or throw back light or heat

**Source:** the place something comes from

**Absorb:** to take in

**Particle:** a very small piece of something

**Propagate:** to multiply, spread out

**Colour spectrum:** the set of colours into which a beam of light can be separated, or a range of waves, such as light waves

**Prism:** A piece of glass that separates white light into colours of the spectrum.

**Beam:** ray of light

**Cast:** to send light or shadow in a particular direction

**Quantum mechanics:** study of physics at the atomic level where energy is quantized in discrete, rather than continuous, levels.

**Property:** characteristic used to describe something

**Electromagnetic spectrum:** all of the frequencies or wavelengths of electromagnetic radiation

**Primary shadow:** the shadow we observe on an object or a figure itself

**Cast shadow:** the shadow that an object or figure creates on a surface under, or around it, when it is lit

**Contrast:** an obvious difference between two or more things

**Ambiguous:** unclear

**Ambience:** atmosphere; mood; feeling

**Texture:** the feel, appearance, or consistency of a surface, substance, or fabric.

**Volume:** amount of space occupied by an object

**Tone:** a form or degree of a colour

**Intensity**: the amount of energy in a light or sound wave, which we perceive as brightness or loudness

**Perceive**: to become aware of through the senses

**Orientation**: the direction that material appears on a surface

**Tonal scale**: a colour becoming gradually lighter or darker

**Tonal contrast**: tonal contrast is the difference between the light and dark areas in a painting.

**Tonal harmony:** harmony based on the major-minor scale system

**Gradation:** process occurring by regular degrees or stages; variation in intensity of light and colour

**Shade:** slight darkness caused by something blocking the direct light from the sun

**Perspective**: one way of looking at things, sense of depth

**Dominant**: most important, powerful, or influential.