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Lights and Shadows

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| **Across**  **2.** nature's display of the spectrum of colours produced by the dispersion of colours as light passes through droplets of water falling through the sky during a rainstorm  **5.** a three-sided length of glass. Light passing through it is refracted separating the colour of white light into a spectrum of colours.  **6.** a dark image or figure cast on the ground or some surface by an object blocking incoming light  **8.**  a material that lets light pass through it so that objects can be seen clearly on the other side  **9.** to glow or to give off light at low temperatures, as in fireflies  **10.** to bounce off a surface, as in light bouncing off a mirror. | **Down**  **1.** the bending of a light ray as it passes from one medium to another  **3.** a material that does not let any light pass through  **4.** a material that allows some light to pass through but scatters the light in the process so that images are not clear (i.e. frosted glass)  **7.** a form of energy that is emitted by the sun or by a chemical reaction to which the eye is sensitive. |