## nustem

## **Light loans box**



Set of 6 rechargeable torches and mains charger. Use to investigate light and shadows.



12 x shadow changing demonstration kit.

Model how shadows changes over time by using a torch to represent the sun. Place an object in the centre of the arch and shine the torch from each marked hour.



LED light source device- 2 x red, 2 x blue, 2 x green. Use to investigate light travelling in straight lines with our mirrors, lenses and prisms.



Mirrors- large, small, concave/convex, mirrored sphere. Use with to investigate reflection using torches or LED light source devices.



Mirror blocks. Use with torches or LED light source devices. Angle the mirrors to reflect light in different directions. Investigate the different pathways that can be created.



White light colour mixer demonstration model. Discover what happens when the wheel spins quickly.



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A boxed set of different shaped and sized prisms. Use with LED light source devices to investigate how lenses and prisms change light.



UV beads and loom bands to make bracelets. Watch the bands and beads absorb UV light and re-emit the energy as visible light.



Ultraviolet (UV) torches. Use with UV beads and loom bands.

Scan the QR code for more information, careers and curriculum links and activities related to this box.



## Books









