nustem

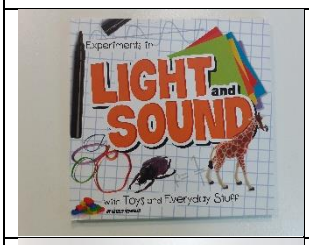
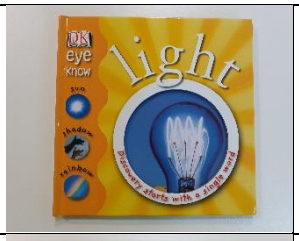
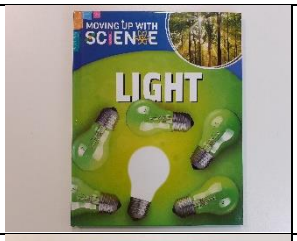
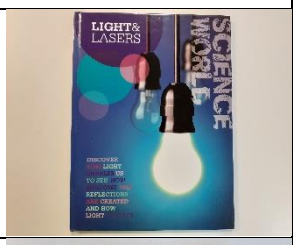
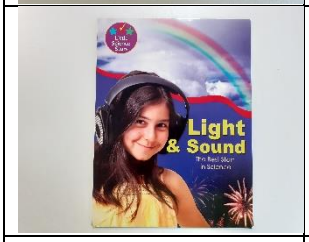
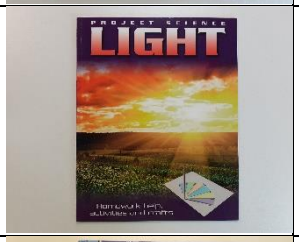
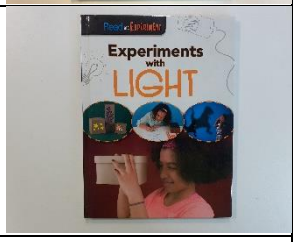
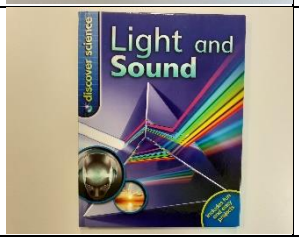
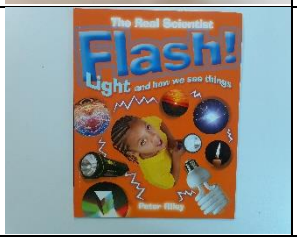
Light Loans Box

	White light colour mixer demonstration model. Discover what happens when the wheel spins quickly.
	Class set of white light spinners with various patterns to investigate.
	12 x shadow changing demonstration kit. Show children how their shadow changes over time by mimicking the Sun as it rises and sets using a torch. Simply place an object in the centre of the arch and shine a torch from each marked hour.
	Set of 6 rechargeable torches.
	Mirrors- large, small, concave/convex. Use with mirror blocks or investigate 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. How many mirrors can you use with one beam of light?

nustem

	A boxed set of different shaped and sized prisms along with 10 triangular and 5 rectangular prisms. Use with LED light source devices.
	LED light source device- 2 x red, 2 x blue, 2 x green. Use to investigate the composition of light. Shine through different shaped prisms and observe what happens to the light beams. Discover what happens when different colours are combined.
	4 large UV lights and 20 key ring UV lights. For use with UV beads and UV pens.
	Tub of UV bead to make bracelets- please keep. UV pens for writing secret messages. For use with UV lights.
	Eye model

nustem

Books			
			
			
			

Careers link
The **Primary Science Teaching Trust** has some additional careers links you may like to look at. These are called “A scientist just like me” and introduce children to a diverse range of scientists. The downloadable power point relevant to this box is laser physicist Professor Colin Webb: https://pstt.org.uk/application/files/3616/3525/6983/Laser_Physicist_-_Professor_Colin_Webb.pdf

Northumbria University NEWCASTLE