

Light, Sound & Electricity Labs

Cambridge Curriculum Alignment

P4 - Physics

BUEI EDUCATION

Curriculum for light, sound, energy and electricity labs

4Pf.01 Know that energy is present in all matter and in **sound, light and heat.**

4Pf.02 Know that energy cannot be made, lost, used up or destroyed but it can be transferred.

4Pf.03 Know that **energy is required for any movement** or action to happen.

4Pf.04 Know that not all energy is transferred from one object to another, but often some energy during a process can be transferred to the surrounding environment and this can be detected as sound, light or temperature increase.

4Ps.01 Know that **light travels in straight lines** and this can be represented with ray diagrams.

4Ps.02 Know that **light can reflect** off surfaces.

4Ps.03 Describe how objects which are not light sources are seen.

ELECTRICITY LAB:

4Pe.03 Describe how changing the number or type of components in a series circuit can make a lamp brighter or dimmer.

4Pe.04 Know some materials are good electrical conductors, especially metals, and some are good electrical insulators.



Light Labs

- Primary 4 curriculum scale
- Light penetration in the deep, reflection, shadows & refraction.
- Introduction or reinforcement of topics



Electricity labs

Play with circuits and make LED magic wands

Experiment with fun electricity themed toys

Contact For Classes

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Or fill out a form on our website BUEI.bm

