

Light Cubes-Science in the PK Classroom

Light Cube Basics

The Roylco Light Cube lights up the imagination. It's portable, durable and **rechargeable**. The easy-to-clean surface is ideal for art and exploration activities both indoors and outdoors. Use the cube for examining transparent and opaque objects. Add interest to counting, sorting, sequencing and building activities. Adds a high level of excitement to your classroom environment while engaging reluctant and special needs children.

Science

- Ask Questions, Make Observations, Gather information.
- Define a simple problem and design a solution.
- Illustrate how shape of an object define function.
- Make observations during different seasons.
- Living Things



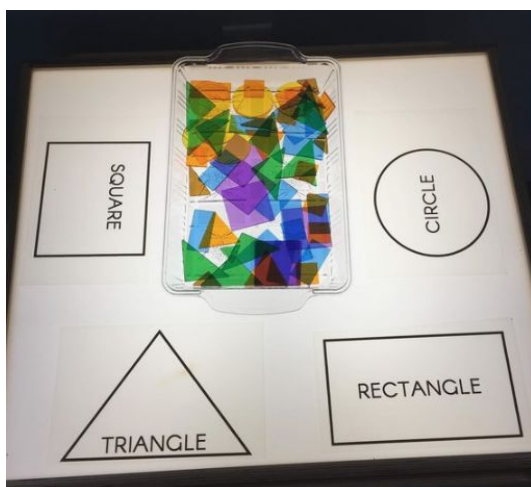
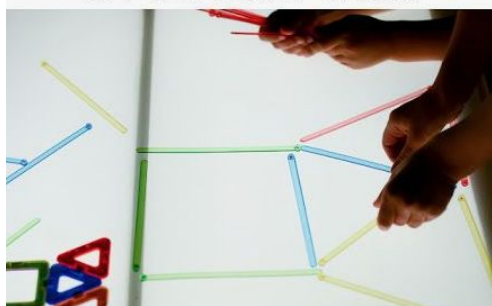
Some Examples - Science



Math -

- Counting and sorting objects
- Number recognition
- Connects numbers with their properties
- Identify numerals
- Identify patterns
- Identify shapes

Some examples- Math



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Art - Sensory Experiences

Fingerpaint right on the Light Cube- or other sensory experience

Sticky side up clear contact paper- hang results in the window.

Create Cellophane Butterflies



Resources:

Pinterest has tons of great light cube/light table ideas in all subject areas.



A light table can be used to enhance literacy, math, and writing skills in fun and playful ways.

Kids are naturally drawn to the gentle glow of the light table and will stay there for long periods of time, which is great for stretching those budding attention spans.

The light table can be used for everything from open-ended play experiences to arts and crafts, to teaching academic concepts, *and more!*

When you infuse your light table center with opportunities for science, math, literacy, and writing it quickly becomes a powerhouse of learning.

For more: <https://www.pre-kpages.com/light-table/>

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