



Inspire creative light table play! A light table is a wonderful way to introduce primary grades to alternative learning methods. Light table play encourages children to explore different materials and observe the changing properties of objects when placed on a light source.

Some of the most important skills can be developed while exploring with light tables: fine motor skills are exercised as students make paint patterns, trace images and color in light table tracing art; color mixing is explored as students combine paint colors using the pipettes and vials; sorting and organization skills are managed as students mix and match colorful beads and stack items to create new color combinations. The Educational Light Cube Accessory Kit is the perfect light table starter kit for younger students!

The kit features safe and colorful materials to play with on the Educational Light Cube, including Fancy Stringing Rings, Optical Illusion sheets, Animal X-Rays, Pipettes and vials, Paint Scrapers and clear paint trays that fit snugly on the Educational Light Cube.

The Educational Light Cube Accessory Kit is designed primarily for use on the Educational Light Cube. Experiment with the colorful light changing feature to alternate the properties of light on the objects. The colorful light changes will engage students' interest and inspire imaginative play.

As objects are placed on the Educational Light Cube, the light changing feature will change the appearance of the materials. Students will find ways to create sculptures and colorful artwork while manipulating light and color.

This guide includes detailed descriptions of fun projects to direct your classroom light table activities.

CURRICULUM RELEVANCE

- Explore creative curriculum-based projects on light table
- Manipulate colors over light source
- Develop fine motor skills
- Arrange and categorize objects by color, size and shape
- Introduce primary art activities
- Use for sensory therapy sessions
- Trace x-rays for introduction to anatomy
- Mix colors to make new colors



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FANCY STRINGING RINGS:

Count and sort beautiful bead shapes! Observe the different shapes in the Fancy Stringing Rings pack. The pack features many different shapes in bright clear colors! Instruct your students to sort through the Stringing Rings pack and make groupings of beads based on color, number of points or shape.



Develop fine motor skills while stringing the beads! Provide colorful plastic string to your students. Place on top of the Educational Light Cube with a small amount of Fancy Stringing Rings. Set the Educational Light Cube light mode to cycle through the colors while students thread the rings onto the strings. This will give students a whole new approach to beading and stringing a variety of fun necklaces, bracelets and rings!

Tip: Try shimmering tinsel pipe cleaners instead of string. The tinsel flecks on the pipe cleaners will catch the colorful light emanating from the Educational Light Cube, providing students with a unique approach to making wearable jewelry!

Sort the Fancy Stringing Rings into colorful columns! Use our vials to stack the grouped pieces together.

ANIMAL X-RAYS:

Examine details in the provided x-rays. X-rays are a great way to introduce students to basic concepts in anatomy. Place the x-rays up against the Educational Light Cube and turn on the light function of the cube.

Observe the contrast of dark and light in the x-ray image. The lighter parts of the image show the skeleton while the darker parts consist of muscle tissue and organs. When you hold the x-ray up to the light, the lighter parts show through more vividly.



Experiment with different colors on the Educational Light Cube.

Ask students to look at the x-rays and identify major bone structures, such as leg bones, spine, skull and ribs. Talk about the differences between animal and human bones.

Place the x-rays on the Educational Light Cube and turn on the light function. Place a sheet of paper on top of the x-rays and use a pencil to lightly sketch the outline of the animal body. Use the skeleton as a guideline for the animal body. Make soft sketch lines with the pencil.

Color in the animal body sketches with pencil crayons or markers. Place the colored image onto the Educational Light Cube. Turn on the cube and alternate through different colors.

OPTICAL ILLUSION SHEETS:

Layer colorful optical illusion sheets to discover interesting patterns! Each Optical Illusion Sheet is designed to work with the Educational Light Cube to deliver the best light and color experience!



Mix and match the different colors. The Optical Illusion sheets are available in magenta, cyan and yellow for exploring color combinations. Come up with names for the different colors or observe a variety of color changes when the random selection is switched on the Educational Light Cube. Try mixing the patterns too! See what kinds of new images you can come up with!

PAINT SCRAPERS:

Paint Scrapers are a great way to develop fine motor skills while having a blast! Tip: Place the clear plastic trays onto the cube for easier clean up. Drop thick paint, such as tempera or finger paint, onto the tray and drag paint scrapers on top to make swirls and lines.

Place finger paint paper onto the Educational Light Cube. The paper will diffuse the light evenly across the sheet—drop a blob of paint onto the sheet and use the Paint Scrapers like brushes to spread the paint across the sheet.

Set the Educational Light Cube to cycle through the colorful lights as students work on their paintings. The light will glow through the sheet and the paint colors to create an interesting experience for students as they work.



Note: Place a piece of paper on top of the scraped paint art and press down. Remove the paint to reveal an interesting print. Make several different prints of the same painting!

SQUIGGLE PIPETTES:

Use our Squiggle Pipettes to develop fine motor skills. The squiggly chamber is perfect for propelling paint! To fill each vial with watercolor paints, squeeze the bulb of the Squiggle Pipette to release all the air from the inner chamber. Dip the Squiggle Pipette spout into the vial while squeezing the bulb, release the bulb to allow the watercolor to draw into the pipette. You can use the vials for mixing colors too!

Color mixing works great on the Educational Light Cube. Set the cube to shine one light color (such as green or blue) as students mix their colors together. Place one color in each vial and switch the cube's light color. The light colors will change the color properties of the paint in the vials. Ask students to observe the vials and determine the new color.

Add new colors to the vials with the Squiggle Pipettes!

Make a gelatin base to use the Squiggle Pipettes with. Pour packets of unflavoured gelatin into cool water. Add hot water according to



packet instructions. Combine the ingredients in a mixing bowl and stir the mixture.

Place the mixing bowl into a refrigerator and leave for at least half an hour to two hours. Remove the mixing bowl and gelatin from the refrigerator. Use a spatula to remove the gelatin from the mixing bowl.

Place the gelatin bowl onto a paint tray and set on top of the Educational Light Cube. Turn on the colorful light cycle. Encourage students to pay attention to the gelatin bowl as the Educational Light Cube cycles through the colors.

Place vials of watercolor onto the paint tray and ask students to use their Squiggle Pipettes to insert the color into the center of the gelatin. Fill the Squiggle Pipette with watercolor and press the spout into the gelatin. Squeeze the Squiggle Pipette to release the paint inside the gelatin. Tip: Try using the Squiggle Pipette with two or three different colors.

VIALS:

Use the vials as molds for gelatin! Mix up a few packets of gelatin with cold water. Add hot water according to packet instructions. To make more solid gelatin, use twice as much powder as the recipe calls for. Add a few drops of paint or food coloring to the gelatin. For instance, color one vial red, another vial blue and a third vial yellow. Place the vials into a refrigerator to cool the gelatin. Remove after 1-2 hours.

When the gelatine has set remove the vials from the refrigerator and use a small stir stick or plastic knife to ease the gelatin out of the vial molds. Tip: Hold the molds under running hot water for the gelatin to loosen. Stack the gelatin blocks on the Educational Light Cube. The colors of the gelatin will overlap to create new color combinations.

Discover amazing possibilities with these sensory play resources!



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