

Category: Shapes

Title: Block Sculpture

Have the children sit in a circle and place a box of blocks to one side.

Have one child begin by choosing a block from the box and placing it in the middle of the circle. Then let the children take turns choosing blocks and adding them to the first one to create a block sculpture.

When all the blocks have been used, put them back in the box and start all over again.

Levels: ALL LEVELS

Title: Circle Shape Puppet

Materials: 1 large construction paper circle and 4 small circles, 2 15 cm. strips of paper and 2 10cm strips, markers, popsicle stick, glue, pair of scissors.

Procedure:

Fold strips like an accordion and glue on for arms and legs.

Glue on small circles for forearms and feet, draw on a face and glue on a stick for a handle.

(Try triangles, hearts and squares)

Circle Puppet, circle puppet, jump up high.

Circle Puppet, circle puppet, fly, fly, fly.

.....bend down low, there you go

.....twirl around, touch the ground

.....hop, hop, hop, now you stop.

Levels: P1, K

Title: Circle Song

Sung to: Jingle Bells

Round circles, Round circles, Round circles to make,
Oh what fun it is to draw round circles to shake.
Oh, Round circles, Round circles, Round circles to make,
Oh what fun it is to draw round circles to shake.

Levels: K

Title: Circles Four

Draw a circle in the air.
Draw a small one, now compare.
Make one big; make one small;
Now draw a short one; now make one tall.

Levels: P1, K

Title: Clip the Tubes

Cut cardboard tubes into 5cm lengths.
Set out the tubes and a box of clothespins.
Have the children use the clothespins to clip the tubes together anyway they wish.
Or encourage them to try making simple shapes such as worms or flowers.

Variation: Ask the children to clip specific numbers of tubes together.

Levels: K

Title: Clown Face

Cut out a large circle for each child.

Cut out several small circles, triangles, rectangles and diamonds from various colours of construction paper.

Let the children paste them to the white paper to make a clown face.

Levels: P1, K

Title: Create An Animal

Give the children an assortment of shapes cut from coloured construction paper.

Ask them to create an animal using the cut out shapes by gluing them onto construction paper.

Levels: P1, K

Title: Find A Block

Sung to: If You're Happy and You Know It

Find a block that's square over there,
Find a block that's square over there,
Find a block that's square and hold it in the air,
Now put away your block over there.

Find a block that's round, without a sound,
Find a block that's round, without a sound.
Find a block that's round and touch it to the ground,
Now put away your block, without a sound.

Levels: P1, K

Title: Following Directions

Arrange chairs in a circle and put a box of blocks in the center.

Invite each child to select a block from the box and find a chair to sit on.

Then give the children directions to follow, such as 'Put your block on top of your head; Put your block under your chair; Put your block beside your chair.'

Levels: P1, K

Title: Friendly Shapes (felt board)

Little Cindy Circle rolls along the ground;
She has no corners - she just spins around! (circle)

Sammy Square is his name;
He has four sides, all the same....1,2,3,4! (square)

Danny Diamond is shaped like a kite;
He has four points - I know that's right....1,2,3,4!
(diamond)

Tracy Triangle with corners three;
Count the corners now with me...1,2,3! (triangle)

Levels: P1, K

Title: Friendly Shapes Two (flannelboard)

Make a circle, make a circle,
Draw it in the sky.
Use your finger, use your finger,
Make it round as a pie.

Draw a square, draw a square,
Make the lines so straight.
Make a square, make a square,
Draw a box in the air.

Draw a triangle, draw a triangle, Always start at the top.
Make a tent, make a tent, Use three lines and stop!

Levels: K

Title: Gumball Circles

Materials: Cardboard, Colored construction paper, glue, crayons

Preparation:

For each child, cut a gum ball machine shape out of cardboard along with a number of small paper circles to use as gum balls. Have the children colour their gum ball machine shapes with crayons. Let them choose the circles they want for the gum balls and glue them on their shapes.

Hint: If you are working on a particular colour make all the circles that colour.
Or use stickers.

Levels: K

Title: Hearts

Here's a heart. (bend index fingers to touch, thumbs touch, pointed down)

Here's a heart. (draw small heart in the air)

A great big heart I see. (arms high over head, hands touch, pointed down)

Please give one heart to me! (point to self)

Levels: K

Title: One Blue Square

Sung to: Three Blind Mice

One blue square

One blue square

See how it's shaped

See how it's shaped

Four big corners it does have

Four big corners it does have

One blue square

One blue square.

Levels: P1, K

Title: Paper Patterns

Cut circles, squares and triangles that are all the same color.

Allow children to create patterns with the geometric shapes on adding machine tape or other horizontal strips of paper.

After exploring various patterning possibilities, the children may glue their favorite pattern on the paper.

Holiday Adaptations: Provide children with holiday patterns, such as pumpkins, ghosts and witches for Halloween or trees, stars and balls for Christmas. Follow the paper patterning process described above.

Levels: P1, K

Title: Pattern Making

Place the wooden blocks on the floor and create a simple pattern with them.
Have the children complete the pattern.
Let the children have a turn creating a pattern and having a friend complete it.

Levels: P1, K

Title: Picking Up Blocks Today

Sung to 'Ten Little Indians'

Pick up the blocks and put them on the shelf,
Pick up the blocks and put them on the shelf,
Pick up the blocks and put them on the shelf,
Picking up blocks today.

Levels: ALL LEVELS

Title: Polka Dot Puppets

(Put sticky circles on each finger tip.)

Five ____ polka dots lay on the floor,
One sat up and then there were four.
Four ____ polka dots got on their knees,
One tipped over and then there were three.
Three ____ polka dots stood on one shoe,
One fell down and then there were two.
Two ____ polka dots started to run,
One stopped quickly and then there was one.
One ____ polka dot rolled toward the door,
When it disappeared there were no more.

Levels: K

Title: Printing Presses

Pour small amounts of tempera paint colours into jar lids that have paper towels in them.

Dip the end of the stamps lightly into the paint and press stamp onto paper.

Circle Stamps: carrot pieces, thread spool, pencil eraser

Triangle Stamps: art gum eraser, square sponge cut diagonally.

Square Stamps: sponge cut into any size, art gum eraser

Rectangle Stamps: sponge cut into any size, art gum eraser

Levels: P1, K

Title: Printing With Blocks

Use sandpaper to smooth the rough edges of several different sizes and shapes of blocks of wood.

Make paint pads by folding paper towels, placing them in shallow containers and pouring on small amounts of tempera paint.

Give the children the blocks and pieces of construction paper.

Let them dip the blocks into the paint and then press them on their papers to make prints.

Levels: P1, K

Title: Rectangle

Here's a rectangle, straight and tall:

(arms straight up, over head, fingers touch)

Two long sides, and that's not all.

Two short sides that face each other.

Draw one rectangle, now another. (draw in the air)

Levels: K

Title: Rolling Designs

Give the children pieces of yarn or string to dip into bowls of glue.

Have them wrap the glue-covered yarn around short cardboard tubes any way they wish.

Allow the glue to dry.

Make paint pads by placing folded paper towels in shallow containers and pouring on small amounts of tempera paint.

Let the children roll their tubes across the paint pads, then all over pieces of construction paper.

Levels: P1, K

Title: Shape Collage

Draw large shapes on construction paper.

Have the children fill in the shapes using pictures cut from magazines.

Fill a circle with circular shapes etc.

Levels: P1, K

Title: Shape People

Give each child a large construction paper circle, smaller shapes cut from construction paper and pipe cleaners.

Let their imaginations run wild to create shape people.

Levels: ALL LEVELS

Title: Shape Snacks

Circle Day - sliced bananas, grapes, scoop of ice cream, ritz crackers, muffins, cookies, sandwich made on round bread.

Triangle Day - triangular chips, cheese slices cut into triangles, triangular crackers, ice cream cones, sandwich cut into triangles

Square Day - cheese cubes, crackers, rice krispie squares, sandwiches cut into squares,

Rectangle Day - celery sticks, carrot sticks, rectangular crackers, granola bars, sandwich cut into strips

Levels: ALL LEVELS

Title: Shape Sort

Make a set of four cards (12x18 inches).

On each card draw or paste one of the four basic shapes (circle, square, rectangle, triangle). Collect objects that conform to each shape, such as circular toy dishes, bottle caps, square blocks, rectangular dominoes, books and triangular hangers (plastic) and musical instruments.

Ask children to sort through the various objects and place them on the card with the appropriate shape.

Levels: K

Title: Shape Walk

Tape a series of geometric shapes to the floor using masking tape a rectangle, square, circle and triangle on the floor (large enough for a few children to stand in).

Give the children directions to

follow ie: Stand in the circle. Sit in the triangle. Hop in the square. etc...

Levels: P1, K

Title: Sort the Shapes

Materials: Assorted blocks

Place the wooden blocks on the floor and ask the children to sort them.
Think of as many ways to sort them as possible, by colour, shape and size.

Title: Square Shape Song

Sung to Twinkle, Twinkle Little Star

Put your square shapes in the air,
Hold it high and keep it there.
Put your square shape on your back,
Now please lay it on your lap.
Put your square shape on your toes,
Now please hold it by your nose.
Hold your square shape in your hand,
Now will everyone please stand.
Wave your square shape at the door,
Now please lay it on the floor.
Hold your square shape and jump, jump, jump,
Now throw your square shape way, way up.

Levels: K

Title: Sun Circle Puppet

Materials: Yellow self-stick paper, yellow yarn, felt-tip markers, popsicle stick, pair of scissors

Procedure:

Cut two 10cm circles out of yellow self-stick paper.

Remove the backing from one of the circles.

Cut yellow yarn into short pieces and place them around the edges of the sticky side of the circle to make sun rays.

Remove the backing from the second circle and place it on top of the first circle, sticky sides together, with a popsicle stick handle in between. Use felt-tip markers to add facial features.

Sung to Row Row Row Your Boat

Bright sun shining down, Shining on the ground,
What a lovely face you have, Yellow, big and round.

Levels: K

Title: The Circle

A circle, a circle,

Draw it round and fat. (use index finger to draw circle in the air)

A circle, a circle, (repeat action)

Draw it for a hat. (draw a circle in the air overhead)

A circle, a circle, (repeat action)

Draw it just for me. (draw in the air)

A circle, a circle, (draw in the air)

Now jump and count the three: One! Two! Three!

Levels: P1, K

Title: The Shape of Things

Prepare a covered shoe box with a cutout on two sides--large enough for a child's hands to enter and manipulate objects.

Place three to six wooden or plastic numerals in the box.

Reaching in through the sides of the box, he feels the shape of numerals, and tries to arrange them in numerical order, left to right.

Upon completion, he verifies his arrangement by lifting the lid of the box.

If in error, he feels each shape by 'running' his hands around numeral shapes, and tries the process again.

This activity can also be done using larger numerals by putting numerals on a table and draping with a tablecloth.

Levels: K

Title: Triangle

Here's a triangle. (spread index and middle fingers apart; right index finger forms base)

Here's a triangle. (draw a small triangle in the air)

Now draw one more with me. (draw in the air)

Can you count them?

Are you ready? One! (repeat the first action)

Two! (repeat the second action)

Three! (repeat the third action)

Levels: K

Title: Triangles and Rectangles

Cut out two four inch by two inch rectangles for each child--one white, one colored.

Cut the colored rectangle into four triangles of equal size.

Give each child a white rectangle and four triangles.

Ask them to fit the triangles into the rectangle and paste.

Levels: P1, K

Title: Tube Chains

Let the children use felt-tip markers to decorate short cardboard tubes.
When they have finished, flatten the tubes and cut slits in them.
Have the children stretch out their tubes by pulling on the ends.
Then show them how to fold down the areas between the rings to create chains.

Levels: K

Title: Tube Puppets

Cut cardboard tubes into 10cm sections.
Turn the tubes into simple characters by drawing on facial features with felt-tip markers and adding yarn hair.
Give a Popsicle stick handle to each tube.
Let the children use the puppets while singing songs or telling stories.

Levels: P1, K

Category: Space

Title: Rocketships

Materials: Toilet tissue tubes, Aluminum foil, 1/2 circle taped or stapled into cone shape, Glue, Brushes, Crepe paper strips (red), Tape.

Procedure:

1. Keep circle halves cut and ready to use. (A coffee can lid makes the perfect size nozzle if cut in half.)
2. Give each child a toilet tissue roll and a sheet of aluminum foil to wrap around the roll. Staple together the half circle to make a cone shape.
3. Child should glue the cone onto the roll.
4. Now tape on crepe paper 'flames' from the bottom of the roll.

Levels: K

Category: Stories

Title: Baggie Book

Staple six baggies together at the bottom of the bags and put a strip of masking tape or colored tape over the staples to form the spine of the book.

Cut pieces of tagboard or construction paper an appropriate size for fitting into each baggie.

Let children dictate and illustrate a story to go on the pages and then place them in proper sequence inside the baggies.

Stories can be changed easily by removing current pages and replacing with a new story.

Popular stories can be used as models for children to imitate.

Levels: K

Title: Tell Me A Story

Tell me a story, tell me a story, tell me a story,
Remember what you said,
Tell me about the birds and bees,
And why do chickens have no knees,
Tell me a story and then I'll have my lunch...
go to sleep...

Levels: P1, K

Title: Apple Sailboat Snack

The children make apple sailboats from an apple slice, a triangular piece of cheese, and a toothpick.

Eat for snack.

Levels: P1, K

Category: Transportation

Title: Carpet Boating

Materials needed: Carpet squares or towels on a clean floor.

What to do:

1. Have the children put the carpet on the floor with the carpet side down (slides better.)
2. Have them sit on the carpet piece with their feet extended out in front and their knees bent.
3. Explain how they can pull themselves forward with their feet. Have them work their arms as if they are rowing a boat.
4. Sing 'Row, row, row your boat.'

More to do: Have the children kneel on the carpet and pull themselves forward (scooter style), or have them put their hands on the carpet and run pushing carpet on the floor.

Levels: K

Title: Down By The Station

Down by the station
Early in the morning,
See the little pufferbillies
All in a row.
See the station master
Pull a little handle.
Chug, chug, Toot, toot.
Off we go!

Levels: K

Title: How do I get there?

Materials needed: puppet, large bag, toy vehicles (helicopter, train, airplane, car, truck, motorcycle, boat, rocketship or horse)

1. Put all the toys in the bag.
2. Introduce the puppet: 'My friend has a problem. He needs to go to ----. How can he get there?'

Let children name different ways the puppet can travel. Ask if they will be good ways to travel.

Why or why not?

3. Show the bag. Explain that inside the bag are ways that we can travel, and that the word we use is transportation. This is how we get from one place to another.
4. Describe a mode of transportation that you have in the bag. Have the children make guesses.

Remove toys.

Levels: K

Title: Transportation Pictures

Display pictures of the following means of transportation:

truck, bus, car, train, plane, ship, rocket.

Ask the following questions and let the children decide which vehicle answers the questions.

1. Which one is used for going to the moon?
2. Which one travels on tracks?
3. Which one carries vegetables from farm to city?
4. Which one goes through the air?
5. Which one do we park in our garage?
6. Which one stops in many cities and carries many people?
7. Which one travels on the ocean?

Levels: K

Title: Transportation Stencils

Materials: cardboard, tape, paper, thinned paint, brushes, crayons.

Procedure:

Cut transportation shapes from thin cardboard such as potato chip boxes.

Attach loops of tape, sticky side out, to the backs of the shapes and stick them on sheets of paper. Let the children brush thinned paint around the edges of their shapes, extending out about 2 cm.

It's not necessary for them to paint their shapes, but they probably will.

Remove the cardboard shapes, leaving unpainted shapes in the middle of the papers.

When the papers are dry, let the children

decorate their shapes with crayons, if desired. Car, Bus, Airplane shapes.

Levels: K

Title: Tugboats

Materials: 1/2 pint milk carton, six black construction paper circles, toilet paper tubes, two 3cm. slits in bottom directly across from one another, cotton balls, red and black tempera paint glue.

1. Have the children paint the sides of the milk carton red and the toilet paper tube black. Add

some white glue to the red paint to help it adhere to the milk carton.

2. Before the paint dries, the children can add black circles to the sides of the boat, three to a side.

They will stick without gluing when glue is already in paint.

3. Push the tube onto the boat centre. Pull and stretch the cotton ball glue to the top of the tube.

After boats dry attach and string and use in water.

Levels: K

Title: Watch The Flying Jet

You can watch a jet flying all over the sky, no matter where you are. You'll need a cardboard tube, a piece of plastic wrap and tape.

Trace around the end of the tube on the plastic wrap with a ball point pen.

Draw a small jet plane on the middle of the circle.

Then tape the plastic wrap to the tube, keeping the jet in the middle of the tube opening.

To see the jet fly, just look up at the sky or ceiling through the open end of your telescope. Move your head around slowly while looking through it and the jet will seem to be flying across the sky.

Levels: K

Category: Wind, Weather, Air

Title: Cloud Creation

Place shaving cream on blue construction paper. Sprinkle dry tempera on shaving cream to create clouds during a sunset or storm.

Variation - Use cotton balls

- White paint
- White tissue paper

Levels: P1, K

Title: Helium Balloon

Fill a big sturdy balloon with helium. (You can get helium in small cans at some hardware stores.)

Tie a postcard and a note (covered with plastic) to the balloon.

The postcard should be addressed to yourself, and the note should ask whomever finds the balloon to mail you the postcard and tell where they found it! (Worked Great-next time use index cards that the children drew on themselves. 1 out of 12 returned)

Levels: P1, K

Title: If All The Rain Drops

If all the rain drops,
were jelly beans and gum drops,
Oh what a rain that would be.
Standing outside with my mouth open wide.
Ah, ah ah ah, ah ah ah, ah ah ah,
Oh what a rain that would be.

If all the snowflakes - - candy bars and milk shakes

If all the sunbeams - - bubble gum and ice cream

Levels: K

Title: Sacks of Air

Give the children lunch-size paper sacks to blow up.

Have the children feel the sack and observe its fullness.

After several blow-ups, let the children pop the sacks to let the air escape.

Ask the children if they can think of another way to let the air escape.

Levels: K

Title: Wind Walk

Take a walk with the children to discover all the indicators that the wind is moving.

Sample Questions: Is the flag waving?

Is trash blowing around? Are people leaning into the wind as they walk? Do you see people's hair blowing? Are the trees and bushes bending? Is tall grass moving? Do you feel the wind on your face?

Place a variety of objects on a table for children to discover how to move air and how to move

objects with air: paper fans, straws, paper towel rolls, ping pong balls in a long shallow box, empty plastic squirt bottles.

Levels: K

Title: Wind Wheels

Cut a large circle out of a plastic lid so that only a rim remains.

Tape strips of newspaper, crepe paper, ribbon or cloth onto one side of the rim.

When outside, the children will be able to clutch the rim easily and run to make the streamers 'fly.'

Levels: P1, K