

Math, Science, Art
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Math

Numbers and Operations— draw in the air, on the rug, close eyes
And draw in the air again

- 1--One is fun!
- 2—Around and back makes a 2 for you!
- 3—Around a tree, around a tree and that makes 3!
- 4—Down, across, and down some more; that's the way to make a 4!
- 5—Fat old 5—put a hat on it!
- 6—Round a loop—that's the fix for a 6!
- 7—Across the sky and down from heaven; that's the way to make 7!
- 8—Make an S and close the gate; that's the way to make an 8
- 9—A loop and a line and that makes 9

Algebra, part-part-whole

Geometric shapes in this order

1. Circle—flat as a pancake
2. Sphere—May I play with the sphere?
3. Cylinder
4. Cone—lick it
5. Triangle
6. Triangle pyramid
7. Square pyramid
8. Square
9. Cube
10. Rectangle
11. Rectangular prism

Baggie of shapes

Math activities

Numbers

Patterns

Measurement—scales

More or less

Data Analysis--graphs

Science

What Scientists Do

Use senses to explore and learn

Private Eye

Sensory Awareness

Tactile table

Water table

Trays

Feely box or socks for shapes or textures

Play doh jars for sounds and smells; wet sponges for smells

Light table

Private Eye—www.theprivateeye.com

Gravity—recipe—5TBS Borax, 2 cups Elmer's Glue, 2 ½ cups water, liquid water color if desired. Mix 1 ½ cups of the water and 2 cups of the glue in a big bowl. Add color. Stir. In a separate bowl mix together the remaining 1 cup of water and the 5 TBS of Borax. After it's dissolved, pour the Borax mixture slowly and a little at a time into the glue and water mixture. Watch it coagulate! Knead with your hands until it becomes one big flubber gak ball!

Simple machines or tools

Wheels

Pulleys,

Gears

Inclined plane
Lever
Magnets
Water and Air
Fish tank--evaporation
Glass of ice water—condensation
Water cycle poster
Sponges are Skeletons
Sponge experiments
Sponge cleaning

Art

How to look at art

- what do you see first
- how does it make you feel
- art comes from the artist's imagination

Lines—straight, curve, wavy, thick, thin, dotted

- Picasso
- van Gogh
- Pollock
- Multimedia lines

Color-- My Many Colored Days

- Picasso
- Matisse
- Color Wheel
- Primary colors
- Stained glass windows
- Mark Rothko

Shapes

- Cezanne
- Still Life
- Landscape

Contrast, Pattern, Sculpture

- Matisse

Tactile table ideas

White rice, colored rice

Sand, colored sand

Deer corn

Corn meal

Salt

Ice cubes

Water with bubbles

Sawdust

Coffee Grounds

Dirt--dry

Dirt--wet--mud

Colored elbow macaroni

Popcorn--popped or unpopped

Confetti

Lima beans, pinto beans

Cotton balls

Shaving cream

Always have on hand--funnels, scoops, shovels, eye droppers,
measuring cups, egg beaters