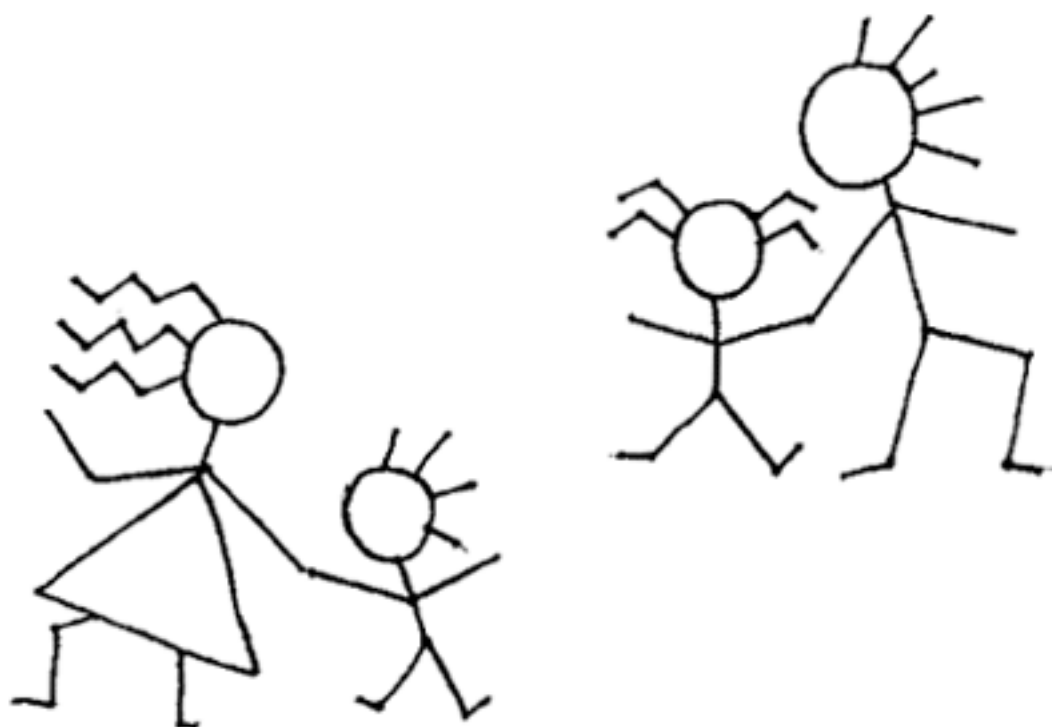


count more less same build measure pattern repeat

sometimes always never math walk small smaller smallest

Children
who think they can
will...



left right round square circle triangle rectangle graph

Week
1

MB

and

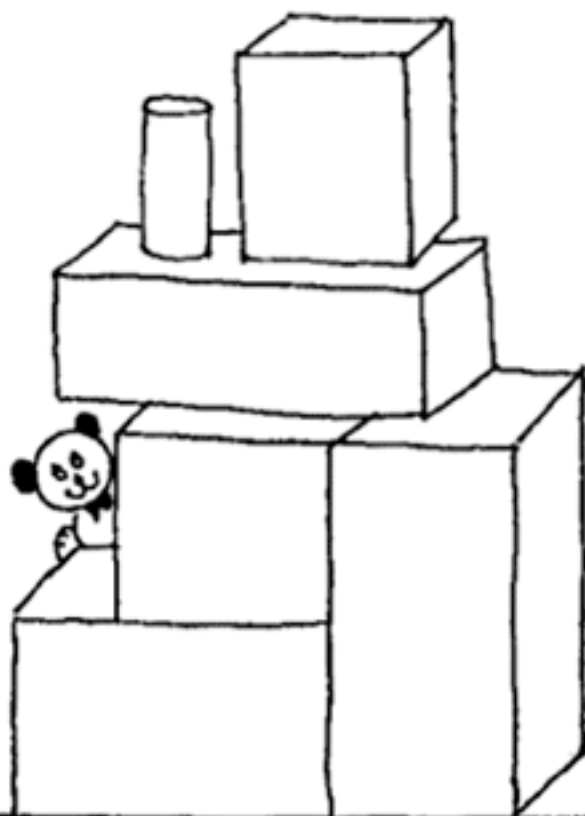
MY

BEAR

Build at home.....

Put your bear

Beside....between.....above.....behind....



Smartie Math

Count your smarties
Sort them by colour

What colour do you have the most of?
What colour do you have the least of?

Give your bear 4 smarties.
Give yourself 4 smarties too.

Give yourself 2 smarties.
Give your bear more than that.

Give your bear 5 smarties.
Give yourself less than that.

Put the red smarties in a circle.
Put the brown smarties in a straight line.

Make a long line with 6 smarties.
Make a short line with 6 smarties.
Which line has more smarties?

Make a colour pattern... red brown red brown
Make a new colour pattern.

What else can you do with your smarties?



Week
2

MATHEMATICAL ME

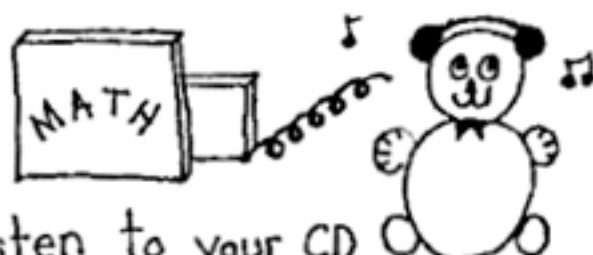
Now I'm short
Now I'm tall
Now I'm wide
That is all!

Now I'm straight
Now I'm round
My arms are bent
Don't make a sound.

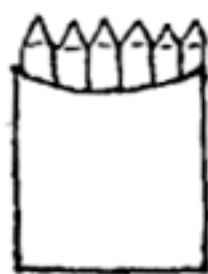
Now I'm stretching
Now I'm hopping
One foot, Two feet
Now I'm stopping.



What can you
measure at home?



Listen to your CD
or tape with your bear.



bring in your
paper socks
to share ...

Make a math pattern on your socks
Use colours, stripes, shapes $\circ \Delta \circ \Delta$

Week
3

ME INSIDE MY HOUSE

Buttons

Pattern
with them



Sort them

big / small

one hole / 2 holes

Toe Knee Chest Nut

Toe Knee Chest Nut Nose I Love You.
Toe Knee Nose, Toe Knee Nose,
Toe Knee Chest Nut Nose I Love You.
That's what Toe Knee Nose.

Do Math in
the bathtub!

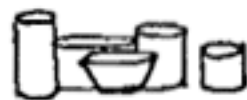
Think about it, then..
predict how many scoops.

Measure...

Talk about it...



.. to fill 5 different containers



Which holds the most scoops ... the least scoops

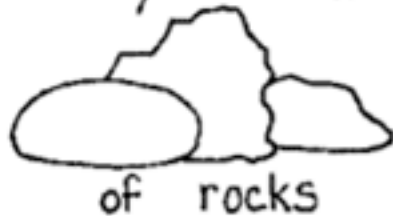
Are any the same size? Put them in order.

Week
4

ME OUTSIDE MY HOUSE

Add to your new collection

Sort them...
heavy...light
shiny... dull



Order them...
big -> small
rough -> smooth

Use your bag of shapes



to make a picture.



What will you make?

Bring in your picture to share!

Week
5

DONT BUG ME



Roll 1 die ten times. Tally.

•	••	•••	••••	•••••	••••••



Roll 2 dice ten times. Add the dots. Tally.

2	3	4	5	6	7	8	9	10	11	12

try 20 times ... 30 times... Wow!

Make Playdough (recipes on next page)

..make a worm

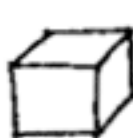
Which one is longer?
shorter?
thinner?

..make 2 worms

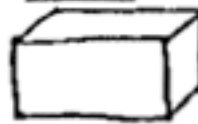
..make a ball



a box



cube



rectangular
prism

a can



cylinder

a cone



cone

Which solid looks like the die? the worm?

Play Dough Recipes

Play Dough Recipe (Microwave)

1 $\frac{1}{2}$ cups flour

$\frac{1}{2}$ cup salt

1 cup water (add food colouring or
kool aid)

2 tbsp. Oil

2 tbsp. cream of tartar

Microwave for 1 $\frac{1}{2}$ minutes

Knead Add more flour if necessary

Play Dough Recipe (Cooked)

Combine in Saucepan

2 cups of flour & $\frac{2}{3}$ cup of salt
& 4tsp. cream of tartar

Combine

2 cups water & 2 tbsp. oil and
food colouring

Pour liquids into saucepan,

Stir over medium heat until thick
(approx. 3 - 5 min)

Add texture by adding oatmeal etc.

Kool Aid Play Dough Recipe

Mix

3 cups of flour

$\frac{1}{2}$ cup salt

2 cups of boiling water

2 pkg. of Kool Aid

2 tbsp. oil

1 tsp. of cream of tartar

Mix, knead, store (covered) in fridge.

-Smells like bubblegum. Yum!

Going on a Math Walk (chant)

Going on a math walk. (clap, clap with hands; pat, pat on knees)

repeat

Are you ready? (clap, clap pat, pat)

repeat

What will we look for? (clap, clap pat, pat)

repeat

We're....."gonna" look for numbers. (hand over eyes like a visor)

repeat

We're "gonna" do some measuring. (stretch hands out wide)

repeat

We're "gonna" look for shapes. (hands make a circle, triangle etc.)

repeat

And we're "gonna" look for patterns. (hand over eyes like a visor)

repeat

pat pat pat pat pat pat(alternating knees)

Where do we go? (hands out to the side in questioning gesture)

repeat

Family Math Books

Baylor	<u>Everybody Needs a Rock</u>
Boynton	<u>Blue Hat, Green Hat</u>
Brett	<u>The Mitten</u>
Fox	<u>Time for Bed</u>
Inkpen	<u>Blue Balloon</u>
Keats	<u>Over in the Meadow</u>
Lobel	<u>Frog and Toad are Friends</u>
Murphy	<u>The Best Bug Parade</u>
Murphy	<u>A Pair of Socks</u>
Numeroff	<u>If You Give a Mouse a Cookie</u>
Raffi	<u>Five Little Ducks</u>
Rosen	<u>Going on a Bear Hunt</u>
Walsh	<u>Mouse Count</u>
Wood	<u>The Big Hungry Bear</u>



Look for math
in books
and everywhere!

Esso Family Math Project
Room 1078, Faculty of Education
University of Western Ontario
London, Ontario, N6G 1G7
Phone (519)661-2111 ext.88951
Email: family-math@uwo.ca
www.edu.uwo.ca/essofamilymath