


Unit 5  Week 3	<p>Large Group: Slide, Flip and Turn!</p> <p>Medium Support</p>	Math LG	Standards: MELDS.M.G.PS.6 MELDS.M.G.PS.8 MELDS.MD.PS.5
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<p>Guiding Math Ideas:</p> <ul style="list-style-type: none"> ● Slides, Flips and Turns ● Patterns- Adding Complexity <p style="text-align: center;">Math Concepts From Unit Learning Progressions:</p> <ul style="list-style-type: none"> ● Orientation: Manipulating shapes by Slides, Flips and Turns ● Copying and repeating movement patterns in large and small motor activities <p style="text-align: center;">Adaptations for Using Large Group In Alternate Schedule Slots:</p> <ul style="list-style-type: none"> ● Play this outside or during transitions. It is also a great Math SWPL.
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<p>Materials:</p> <ul style="list-style-type: none"> ● Slides, Flips and Turns Cards resource ● Slide Flip and Turn Chant ● Flipchart, whiteboard or poster board. 	<p>Math Vocabulary:</p> <ul style="list-style-type: none"> ● Slide- moving from one side to the other without turning or changing anything ● Flip- moving from front to back (opposite) ● Turn- twisting to the left or right
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Preparation:
Copy the Slides, Flips and Turns Cards. Copy the Slide Flip and Turn Chant at the end of this lesson plan and write it in large print on a flip chart whiteboard or poster board.

<p>Sometimes when we play with shapes, we move them around. These movements are called Slides Flips and Turns.</p> <p>Today we are moving our bodies in special ways like the shapes on these pages. We are going Slide, Flip, and Turn!</p> <p>How could we Slide our bodies?</p>	<p><i>Show the Cards and lead a discussion on what the cards mean.</i></p> <p><i>Ask children to show you their ideas on slides. Then flips, Then Turns</i></p> <p><i>Some children may try to turn a flip. Explain to them that the "Shape" kind of flip just means turning from front to back.</i></p>
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How could we Flip our bodies?

How could we Turn our bodies?

Okay it looks like you are ready to play our game. Here are a few rules about how we use our bodies in group time:

Stay in your own space.

Be safe.

AND- Remember—Flip means turning backward NOT upside down!

Here is a special chant about Slides Flips and Turns! I'll read it to you and then we'll say it together. We'll move our bodies just like it says in the chant.

Now let's change it up a little bit. Here are some cards that are going to tell us to

Slide Flip Turn one Way Turn another way.

Watch me and when I hold up a card, do what it says.

Here we go!

Here is a question for you: Did our bodies change just because we moved them around? Well, when we move shapes around, flipping, turning and sliding them, they are still the same shape! How Cool!

I'm going to put these cards in our center, and we will use them again in Small Group with some of our shapes.

Turning may need some practice! Demonstrate and also have children demonstrate and then decide on how they will turn. There are cards with arrows showing a left turn and a right turn.

Use Flip Chart and read the Chant

Lead children in the Slide Flip and Turn Chant and Repeat as many times as you wish.

Show children the cards and have them practice following the card directions.

*Create different patterns and combinations of slides, flips and turns.
Repeat as many times as you wish.*

Introduce a key concept of geometry: A shape is still a shape despite its orientation.

Strategies to Provoke Math Thinking:

Kinesthetic Math: Moving our bodies is a great way to make math concepts more real for children. By using our bodies to slide, flip and turn, children will better be able to manipulate shapes and to understand a key concept of geometry- that shapes don't change, despite their orientation. For instance, young children often think that when a triangle is upside down, it is not a triangle. Present

geometric 2-D shapes in many different orientations such as: Present rectangles with the long side horizontal and the long side vertical or rotated; rotate diamonds or ovals; turn a square on its point.

Provocation:

Use the large floor shapes outside on the sidewalk or similar surface. Take the cards outside and use a volunteer who would like to direct the Slide Flip and Turn Game. As she/he shows the cards, the children manipulate the large shapes.

Slide Flip and Turn

When I Want to Have Some Fun
I Move my Body Around the Floor!
I Slide
I Flip
I Turn Part-Way Round
And then I Move Some More!

Slide to the Left
Slide to the Right
Turn to the Back
And then to the Side
Turn to the Side One more time
Then Flip Around
And Repeat our Rhyme