PITC ACTIVITIES

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THE PROGRAM FOR INFANT/TODDLER CAREGIVERS

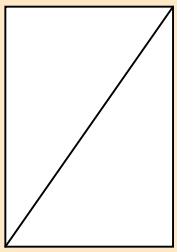
Flip, Turn and Slide

Module: **III**
Topic: **Discoveries of Infancy**
Type: **Games/Puzzle**
Group Size: **Pairs**
Time: **15 minutes**

Purpose:

To help participants understand the importance and complexity of space by experiencing what children go through as they explore space.

What you will need:

Participant Materials	Trainer Materials	Equipment
The following materials: :: An 8 ½ by 11 sheet of paper cut in half to form two triangles.  There should be one triangle per participant.	:: Overheads or chart paper with: the terms: Flip, Turn, Slide :: One overhead with each of the figures (see attachment) :: Video: *Space to Grow*	:: Overhead Projector :: TV/VCR

Directions:

1. Right before the segment on space, put the overhead with the terms Flip, Turn, and Slide up. Help participants understand the three concepts by asking what comes to their mind when they hear these concepts. (If needed, you may add to their comments to help them understand these concepts: we turn pages, flip coins, and slide down the slide. Mention that the National Council on Teachers of Mathematics has included these three concepts in the standards for preschool children to learn.
2. Give each participant a triangle and invite them to choose a partner to work with.
3. Put the overhead with the form of a kite and invite them in pairs to replicate the form they see.
4. Give them time to play with the forms as they try to form the figure. If you notice some groups having difficulty invite them to talk about what's happening.
5. Continue to work with the other figures on the handout. See it they can mention if they had to: flip, turn or slide the paper.
6. Build on their experience and discuss the importance of spatial relations. Talk about how difficult or easy it was for some of them to form the figures.
7. Explain that in the video segment on space we will see how infants at an early age begin to explore with space and how these experiences are setting the foundation for the mathematical experiences they will need later on in life.
8. Play the segment on Space in the video *Space to Grow*. As they view the video segment, highlight the different things infants are doing with space, including flip, turn and slide.
9. Emphasize that we don't teach these concepts to infants; we let them enjoy the experience in the same way they as adults played with space.

Variations:

Links to Head Start Program Performance Standards:
:: 1304.21(a)(1)(i)-(iv) Education and Early Childhood Development

:: 1304.21(b)(1)(iii)

Activity Developed by:
Edna Rivera, PITC Certified Trainer

Source Material:
Copley, Juanita V. (2000). *The Young Child and Mathematics.* National Council of Teachers of Mathematics: National Mathematics Standards for Preschool Children. National Association for the Education of Young Children.

Lally, J.R. (Executive Producer/Content Developer/Writer), Mangione P.L. (Content Developer/Writer), & Signer, S. (Content Developer/Writer). (1988). *Space to grow: Creating a child care environment for infants and toddlers* [Videotape]. United States: The Program for Infant/Toddler Caregivers (Developed collaboratively by the California Department of Education and WestEd).

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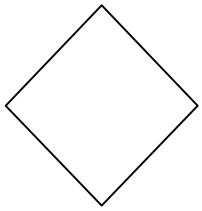
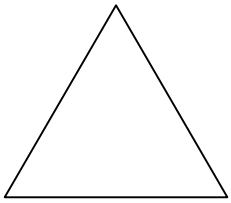
Space Activity

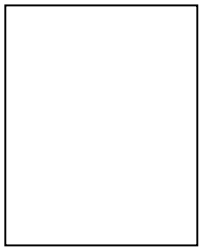
Experience With Space: 1



Experience With Space: 2



Experience With Space: 3



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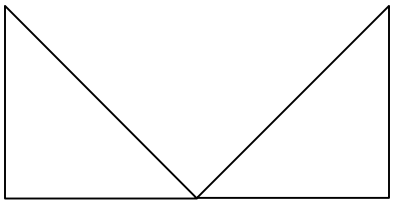
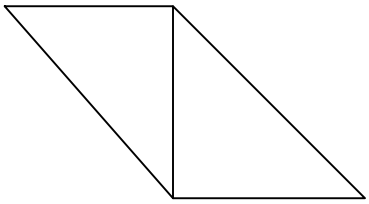
Space Activity

Experience With Space: 4



Experience With Space: 5



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