GEOMETRY TWISTER

Purpose: Students will demonstrate knowledge of geometric lines and angles.

Suggested Grade Level: 3-5

Math SOL: Geometry 3.15, 4.10, 5.12

Equipment/Materials Needed:
1. Shower curtain liner
2. Circular item to draw around (mixing bowl, poly spot, paper plate)
4. Ruler and marker
5. 2 baggies

Advanced Preparation:
1. Spread out shower curtain and decide how many spots you would like on your twister game board. Should be no more than 25
2. Take your circular item and map draw up to 5 rows of 5 on your mat.
3. Inside of each circle draw lines of items students will need to identify. Examples: line, line segment, ray, perpendicular lines, perpendicular rays, perpendicular line segments, intersecting lines, intersecting line segments, intersecting rays(all not perpendicular), right angle, angle, parallel lines, parallel rays, parallel line segments, point. Repeat some if you need more or add other angles or shapes
4. Type out names of lines on your mat, print and cut them. Place in one baggie
5. Type out right hand, left hand, right foot, left foot, print and cut them. Place in 2nd baggie

Directions:
1. Tell students they will be playing Geometry Twister.
2. Explain that they will take turns in groups of 3 to see which of their group can "survive".
3. Instruct student number one to pull a piece of paper out of the "right/left" bag.
4. Tell the same student to draw a geometric term out of the other baggie.
5. Instruct student to follow that directive.
6. Tell student number 2 to so the same.
7. Continue until you have 3 students on the mat.
8. Start over with student number one who has one hand or foot on a term and draw a new "right/left" for that student and then a geometric term.
9. Continue until there is one "winner".... If students fall or place their foot/hand on the wrong spot they are out.
10.. Have a new group of 3 take a turn.

Teaching Suggestions:
1.
Modifications/Variations:
1. Have a spinner board made versus the paper in baggies.

WJC
Williamsburg-James City County Public Schools

SHIP
School Health Initiative Program

Williamsburg Community
Health Foundation

Right hand	Right foot
Left hand	Left foot
LINE	LINE SEGMENT
RAY	POINT
ANGLE (not right angle)	
PERPENDICULAR LINES	PERPENDICULAR RAYS
PERPENCICULLAR LINE SEGMENTS	INTERSECTING LINES (not perpendicular)
INTERSECTING RAYS (not perpendicular)	INTERSECTING LINE SEGMENTS (not perpendicular)

RIGHT ANGLE

PARALLEL LINES

PARALELL LINE SEGMENTS

PARALLEL RAYS