

## SLIDE, TURN OR FLIP (TRANSLATION, ROTATION, REFLECTION)

**Purpose:** Students will be able to identify how a shape has been changed using the choices of slide, turn or flip (translation, rotation, reflection).

**Suggested Grade Level:** 2 -5

**SOL/Subject:** Math – Geometry 4.17c, 5.15e

**Equipment/Materials Needed:**

1. Numbered signs 1-12 listing exercise answer choices and two shapes showing a slide, turn or flip.
2. Worksheets, clipboard and pencil for each student
3. Answer key

**Directions:**


1. Pass out worksheets and clipboards.
2. Tell students they will be assigned a starting number 1-12 (approximately 2 students at each number station). They will find that number posted on the wall in the classroom/activity area.
3. When students arrive at their station, ask them to look at the two shapes and decide how the 1<sup>st</sup> shape moved to where the 2<sup>nd</sup> shape is.
4. Instruct students to circle the answer, slide-flip-turn, on their worksheet and place their clipboards down.
5. Instruct students to perform the physical activity which corresponds with the answer they have chosen.
6. Use the answer key to determine if students are correct. If so, give the thumbs up sign.
7. After each group has gotten the thumbs up they are to rotate to the next number, using the physical activity listed at the bottom of the sign.
8. Continue until all students have visited all 12 stations.

**Teaching Suggestions:**


1. Remind students to move safely when carrying pencils.
2. Have students circle the number where they started and begin at that number on their worksheet.

**Modification/Variations:**

1. Do this activity with perimeter, area, length and volume for 5<sup>th</sup> grade.
2. It can also be adapted to fit any subject with multiple choices for answers.

**4.** 

slide – jumping jacks  
turn – scissor kicks  
flip – cross crawls  
**JUMP TO #5**

**5.** 

slide – jumping jacks  
turn – scissor kicks  
flip – cross crawls  
**CRABWALK TO #6**

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