

Purpose & SOL

- The students will be able to draw angles and triangles that represent the different classifications and exercise.
- Math 5.12

Materials

- A set of cards (at the end of this document) for each group (groups of 4-5). Make each set a different color.
- Sample angles and triangles at the end of the document (for warm up)
- White boards and markers for each student (or paper and pencil)

Length
25 min.

Introduction

Review the different types of angles and triangles by showing students pictures of different triangles at the end of this document. After the class identifies the type of triangle or angle, lead them in an exercise. Do 5 jumping jacks (clap at the top to make a triangle with your body) if it was a triangle. Do 5 cross crawls (make your elbows angles) if the class identified an angle.

Implementation

Exercise the Answer

1. Split the class into groups of 4 students.
2. Give each group a set of notecards – they should NOT look at the cards. Keep them faced down.
3. The first person up will flip one card (without looking at it) and hold it up to their head. The words should be facing their group members.
4. Without speaking, each group member will draw a triangle or angle (whatever the card says) on their white board. Explain that if the card says “Right Triangle”, students in the group need to draw their best right triangle so the person can guess the word that is on their head.
5. Wait until all students are done drawing. On the count of 3, all students in the group show their player the pictures. The person must guess what kind of angle or triangle is on their forehead.
6. When they get it right, all students in the group will do an exercise. 5 jumping jacks if it was a triangle and 5 cross crawls (elbow to knee) if it was an angle.
7. The group will rotate so there is a new person with the set of cards. Continue until all cards are used.

Cool Down

Stretch by creating different angles with your body, arms, and legs. Try “triangle pose” on both legs.

Modifications

Use the game “Head’s Up” to practice various concepts.



Right
Triangle

Acute
Triangle

Obtuse
Triangle

Equilateral
Triangle

Isosceles
Triangle

Scalene
Triangle

Right
Angle

Straight
Angle

Obtuse
Angle

Acute
Angle

