

Simon Says Geometry



Common Core Standard

Draw points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines. Identify these in two-dimensional figures.

Basically this means your child can....

Identify and draw points, lines, line segments, rays, angles and perpendicular & parallel lines.

Background Information:

By the end of fourth grade, your child should know how to identify points, lines, line segments, rays, angle types, perpendicular lines, and parallel lines.

Activity Instructions:

In this activity, your child will use movement to memorize the different geometric vocabulary words.

1. Ask your child to play a game of Simon Says Geometry.
2. Review the movements from the sheet provided.
3. You say, "Simon says (parallel lines)" and your child should show you the parallel line movement. If your child does not remember the movement, then show it to them.
4. Every few times leave out the phrase, "Simon says" and just say the geometric figure. If your child shows you the movement then they must do 5 jumping jacks. If they do not show you the movement, then continue the game.
5. Keep playing the game until every movement has been covered at least 2-3 times.

What You Need:

- Body movements (see following)
- Geometric figures guideline
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Extension:

You can extend your child's knowledge of the geometric phrases by asking them to identify different angles around the house. For example, they could point to the corner of a window and identify it as a right angle.



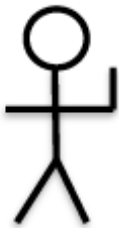
Body Movements for Simon Says



Obtuse Angle
Open your arms wider than 90°



Straight Angle
Open your arms completely straight



Right Angle
Bend one arm at a 90° angle



Acute Angle
Open your arms smaller than 90°



Line
Open your arms completely straight with fingers shooting out like arrows.



Ray

Open your arms completely straight with one hand's fingers shooting out like arrows and the other hand balled up into a fist.



Line Segment

Open your arms completely straight with both hands balled up into fists



Parallel Lines

Hold both arms parallel to one another



Perpendicular Lines

Hold both arms perpendicular to one another