

Learning Activity for I Draw the Line

4th Grade

Objective: The students will be able to identify parallel, intersecting, and perpendicular lines; straight and curved line segments; and rays.

Materials: Classroom items that illustrate an example of each type of lines, foldable for activity

I DRAW THE LINE - The Line Segment, Measurement Geometry Song

Sung:

I draw the line; I draw the line.
Put a pencil in this cowpoke's hand,
I'm gonna draw the line!

Johnny Cash style rap:

So I put two points upon the page and grabbed my trusty lead; I drew a line between them, then raised my head and said, "I've fashioned me a "Segment", this line between two points, and I'll be the king of geometry, when the sheriff so anoints!"

Sung:

I draw the line; I draw the line.
Put a pencil in this cowpoke's hand,
I'm gonna draw the line!

Johnny Cash style rap:

So I drew myself another line upon the printed page and I lined them up like railroad tracks, this engineering sage. "Parallel" is what they're called when lined up in this way; equal distant all around, and now I'm proud to say!

Sung:

I draw the line; I draw the line.
Put a pencil in this cowpoke's hand,
I'm gonna draw the line!

Johnny Cash style rap:

So I took these two old parallel lines and I crossed them any old way; it would cause a train to crash, if it'd come along that day.

"Intersecting" lines is what they're called when they are crossed this way, and "Non-Intersecting" when they do not touch,

Sung:

Now I'm proud to stand and say
I draw the line; I draw the line.
Put a pencil in this cowpoke's hand,
I'm gonna draw the line!

Johnny Cash style rap:

One last thing I had to do before my day was done; turn those lines exactly square, a "Perpendicular" run.

Like the sign that stands on "Deadman's Gulch", no, I won't end up "thur", cuz' I know how the lines are drawn,

Sung:

parallel, intersecting and perpendicular!
I draw the line; I draw the line.
Put a pencil in this cowpoke's hand,
I'm gonna draw the line!

Procedure:

- 1) Play the song.
- 2) Make a foldable to define and draw an example of each type of line: parallel, intersecting, perpendicular, curved line segment, line segment, and ray.
- 3) Look around the classroom to find examples of each type of line. Record in your foldable.

Evaluation: Final foldable. Students will look in magazines and cut out at least one example of each type of line to demonstrate the understanding of lines.