



Inspiring minds. Creating community. Innovating futures.

Math Talk

Grade level: 3rd - 4th

Duration: 15-20 minutes

Standards: 3.G.1 Understand shapes in different categories may share attributes and that shared attributes can define a larger category.

4.G.1 Identify angles, perpendicular and parallel lines in two-dimensional figures.

Anticipatory set: TTW display the image below. TTW allow 1-2 minutes for students to observe. TTW say: **Class carefully observe the artist's rendering of an aviation exhibit that will be at the Children's Museum in Meridian, called Wings of Flight. We will identify shapes, lines and angles in this image.**

TTW guide the students in completing the following prompts:

- 1) Identify two quadrilaterals in the image. Name those shapes. Do you notice any other shapes in this image that have four sides but are not quadrilaterals?
- 2) Right angles are shaped like an L. Point out a right angle in this image.
- 3) Find an angle smaller than an L. This is an acute angle.
- 4) Find an angle larger than an L. This is an obtuse angle.
- 5) Parallel lines run side by side. Identify 2 sets of parallel lines in this image.
- 6) Perpendicular lines intersect. Identify a set of perpendicular lines in this image.
- 7) What type of angle do perpendicular lines form?

