

PARALLEL AND PERPENDICULAR LINES

Episode 215: Blossom and Snappy Build Scale Models
4th Grade

Georgia Performance Standard

- M4G1b Describe parallel and perpendicular lines in plane geometric figures

Objective

- The students will draw parallel and perpendicular lines.

Materials

- TV/VCR or Computer/LCD Projector
- Video *Count On It!* 215
- Paper, pencils
- Handouts (provided)

Procedure

Opening

- View *Count On It!* 215 clip “Parallel & Perpendicular” (VHS 10:49 – 12:58).
- Pair the students off and give the directions.
 - Directions: In each pair of students, one student will be the Drawer, and one student will be the Talker. The two students will sit back-to-back. The Talker will be given a picture. The Drawer will be given a clipboard with a blank piece of paper and a pencil. The Talker will describe the picture that he was given, using the words “parallel” and “perpendicular” to describe what the picture looks like, and the Drawer will draw what the talker describes.

Work time

- The students complete the assignment described above in the directions.
- When they are finished, they can check to see how close they were in following directions.
- Switch places and do it again (a second handout is provided).

Closing

- Choose a few pairs of students to share their drawings and have a small class discussion about the activity. Review the meanings of parallel and perpendicular.

Assessment

- Teacher observation/documentation on student rubric used by your school/county during work time and closing (sample rubric can be found on our website)
- Graded handouts