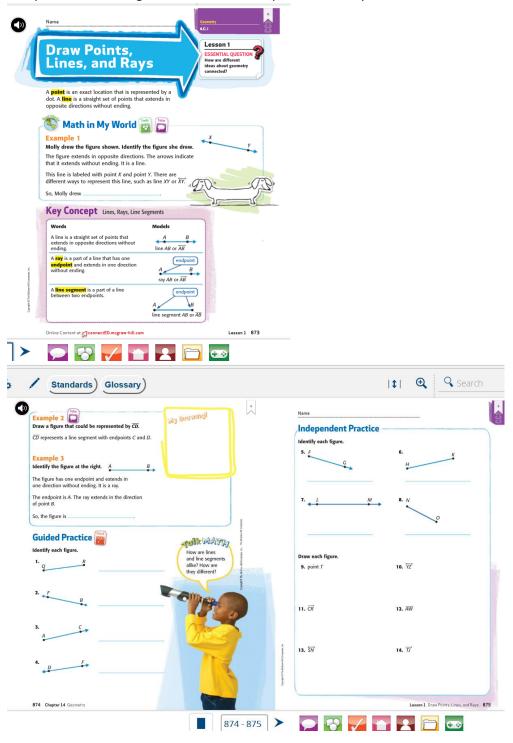
Standard: MGSE4.G.1 (Points, lines, angles, etc.) \*\*You can access the math textbook (McGraw Hill app) on Clever or from the Digital Resources link on our grade level blog.

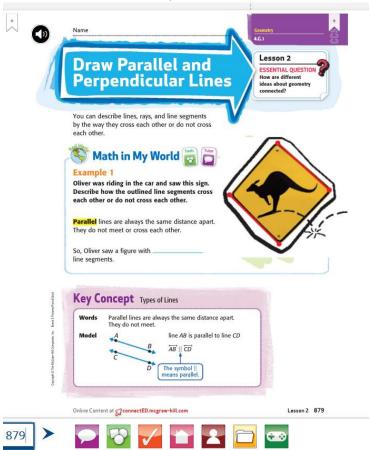
# Monday (Points, lines, and rays)

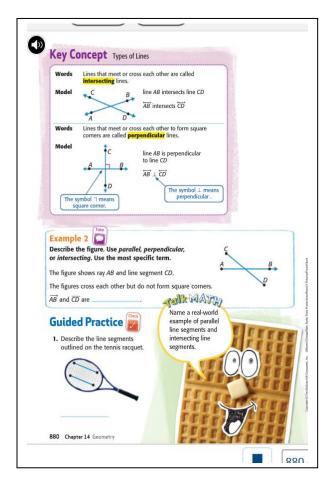
- View Brainpop video- <a href="https://www.brainpop.com/math/geometryandmeasurement/geometry/">https://www.brainpop.com/math/geometryandmeasurement/geometry/</a>
- Read and review p. 873 of Volume 2 McGraw Hill math workbook
- Complete p. 874-875 in Volume 2 math workbook. (Screenshots below)
- Complete Freckle assignments found in backpack: Geometry Basics and 10 minutes fast practice



# **Tuesday (Parallel and perpendicular lines)**

Read and review workbook p. 879-880

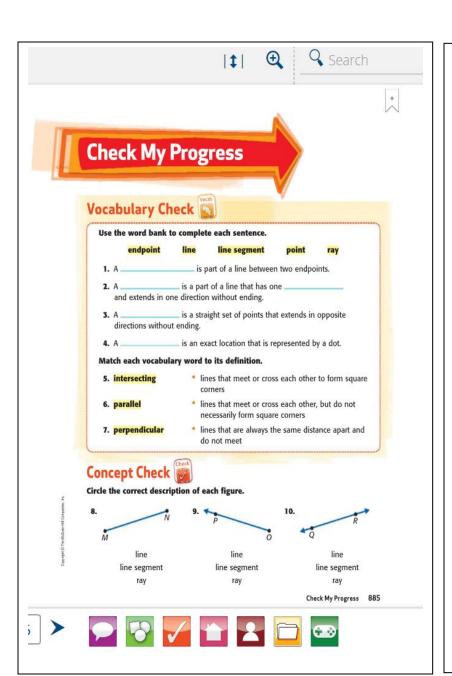


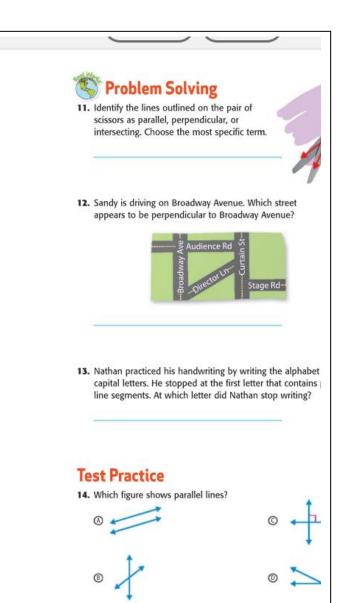


- View "test yourself, sing Karaoke, and slide show"
   <a href="http://studyjams.scholastic.com/studyjams/jams/math/geometry/types-of-lines.htm">http://studyjams.scholastic.com/studyjams/jams/jams/math/geometry/types-of-lines.htm</a>
- Freckle assignments: Geometry Basics (lines) and 10 minutes of Fast Practice

## Additional activities:

- p. 881-884 in math workbook
- Brainpop video- https://www.brainpop.com/math/geometryandmeasurement/parallelandperpendicularlines/
- Check My Progress p. 885-886 (Screenshots on next page)

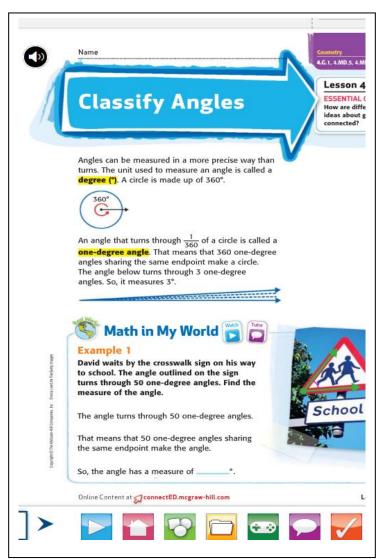


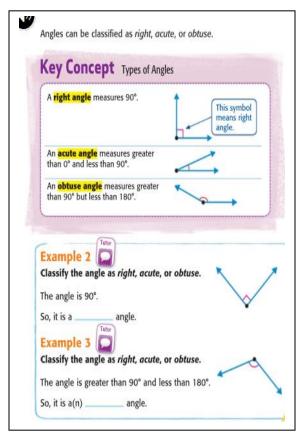


886 Chapter 14 Geometry

# Wednesday-Thursday (classifying and drawing angles)

- \*\*\*For Wednesday and Thursday lesson\*\*, students will use their knowledge of lines and angles to plan and establish a medieval city. After traveling back to the year 1510, students learn all about the new chartered city, Devonshire, a bustling hub for traders, craftsmen, and artists. Students use their knowledge of lines and angles to create a city map for Devonshire. With a completed city map, students help create a new tiltyard for jousting within the city walls. Every city during the Middle Ages needs a heraldic flag, and students design their own with the contest requirements in mind.
- View this video to identify the three types of angles (right, acute, obtuse)http://studyjams.scholastic.com/studyjams/jams/math/geometry/classify-angles.htm
- Use screenshots (see below) from the math workbook to assist with identifying angles





# Wednesday

## Freckle Assignment:

• Please watch "Life in a Medieval City- Day 1" found in your backpack on Freckle and complete the graphic organizer below. **Objective of day 1:** Students will be able to identify and describe points, lines, line segments, rays and angles.

Name:	Date:
Day 1 - Students angles.	will be able to identify and describe points, lines, line segments, rays and
<ul> <li>Yorkshire Si</li> <li>Charleston</li> <li>Abbey Stree</li> <li>Bookbinder</li> <li>Stonegate tr</li> <li>Bishop Stree</li> </ul>	square is in the northwest part of the city.  Street and Abbey Street are perpendicular to one another and line the market square.  Street runs into Yorkshire Street at an acute angle.  et and Bookbinder Street run parallel to one another, north to south.  Street ends where it meets Stonegate Street at a perpendicular intersection.  urns into Hexham at a right angle, and the city gate is located at the end of Hexham Street.  et runs diagonally across the city and turns into Wedgemoore Street at an obtuse angle.  Question: What are we trying to answer?
Show all work b	elow:
7	
	Freckle

# **Thursday**

• Freckle assignment: Please watch "Life in a Medieval City- Day 2" found in your backpack and complete the graphic organizer below. **Objective of day 2:** Students will be able to identify and describe lines and angles in two-dimensional shapes.

Day 2 - Stud			Date:		
ay 2 - Students will be able to identify and describe lines and angles in two-dimensional hapes.					
(ey Informa • There a		ew jousting tiltyard that you will present t	to the King.		
Developing t	eveloping the Question: What are we trying to answer?				
		• •			
Show all wo	rk below:				
			\		
		1 ) / 2			
			٦		
		3			
Plan	Number of Walls	How the Walls Should Be Built in Relation to One Another (Parallel, Perpendicular or Intersecting)	Angles of Walls		
Plan		Relation to One Another			
1		Relation to One Another			
		Relation to One Another			
1		Relation to One Another			
2		Relation to One Another			
2		Relation to One Another			
2		Relation to One Another			

• Freckle Assignment: Please watch "Life in a *Medieval City- Day 3*" found in your backpack and complete the graphic organizer below. **Objective:** Students will be able to apply their understanding of lines and angles to complete a project that resembles a real-world situation.

Name:	Date:

Day 3 - Students will be able to apply their understanding of lines and angles to complete a project that resembles a real world situation.

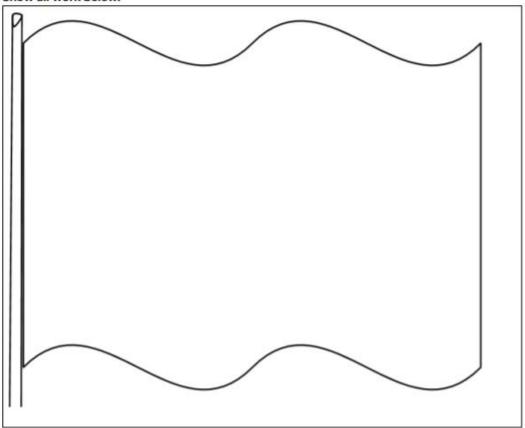
### **Key Information:**

The guild masters of Devonshire have issued a contest to choose the new Devonshire banner.

### **Project Tasks:**

- · Design an entry for the banner contest.
- · The banner must contain a lion and the symbol of Devonshire with 3 points above its head.
- · It also must contain a pair of parallel line segments and a pair of perpendicular line segments.
- There also must be two acute angles and an obtuse angle on the flag, as well as a two rays.

### Show all work below:





For additional practice with angles:

- Freckle assignment: MGSE4.MD.5a Angle Measurement
- Additional pages in math workbook to assist with drawing angles: p. 887-890