



Fifth Grade Parent Newsletter #25

This week we are reading “Ghost Towns of the American West” by Raymond Bial. We will focus on some vocabulary words in this story. It would be helpful if you will reinforce the meaning of these words at home with your child. Also, on this newsletter you will find our spelling words for the week. Please practice these words at home as well. The words in italics are our challenge spelling words. Let’s have a great week!

Our comprehension focus this week will be on drawing conclusions based on our own prior knowledge and information in the text. Our grammar focus will be identifying and using prepositions and prepositional phrases in the correct context.

Spelling Words: politics, political, major, majority, equal, equation, sign, signature, arrive, arrival, inspire, inspiration, human, humanity, clean, cleanse, resign, resignation, unite, unity, *magic, magician, remedy, remedial, individual, individuality*

Vocabulary Word	Meaning
economic	of or about the management of the income, supplies, and expenses of a household, government, etc.
independence	freedom from the control, influence, support, or help of others
overrun	to spread over
scrawled	written or drawn poorly or carelessly
vacant	not occupied

SCHOOL to HOME Connections

Chapter 12 Angles

Dear Family,

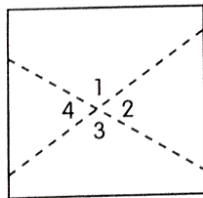
In this chapter, your child will learn to find unknown angle measures using fundamental angle properties such as:

- the sum of angle measures on a line is 180°
- the sum of angle measures around a point is 360°
- vertical angles have equal measures

Activity

It is important for children to understand and apply various properties to find unknown angle measures as they will use these extensively in their study of geometry and trigonometry. Use this activity to explore some angle properties. You will need a sheet of paper without any folds and a protractor.

- Fold the sheet of paper into two. Unfold it, and fold a second time to cross over the first fold.



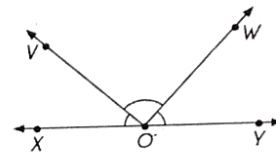
- Ask your child what the sum of angles 1 and 4 is and to explain his or her reasoning. (180° , since they are angles on a line).

Have your child verify this by measuring each angle with a protractor.

- Have your child list all the pairs of angles whose sum is 180° . (Angles 1 and 4, 4 and 3, 3 and 2, 2 and 1)
- Now, cut the paper to see if angle 1 can be made to fit over angle 3.
- Challenge your child to repeat and try to find vertical angles that do not fit over each other. (He or she will find that vertical angles always have equal measures.)

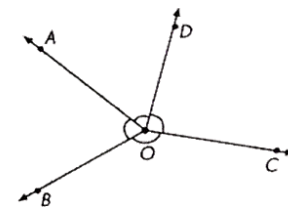
Vocabulary to Practice

Angles on a line: The sum of angle measures on a line is 180° .



$$m\angle XOY + m\angle VOW + m\angle WOY = 180^\circ$$

Angles at a point: The sum of angle measures at a point is 360° .



$$m\angle AOD + m\angle DOC + m\angle COB + m\angle AOB = 360^\circ$$

Intersecting lines are lines that meet or cross.

Vertical angles are the congruent angles formed when two lines intersect.

