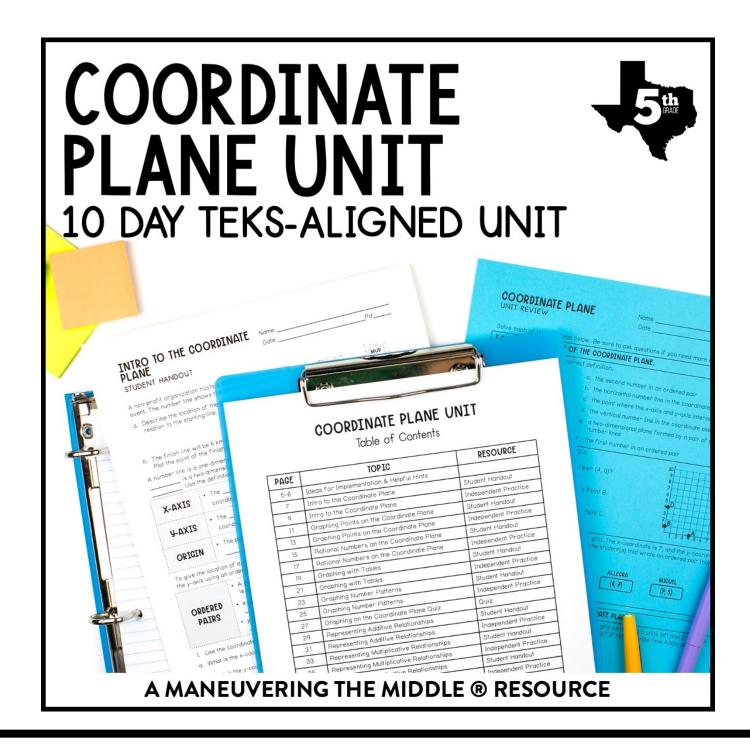
learning focus:

- identify and graph points on the coordinate plane
- apply graphing on the coordinate plane to real-world situations
- generate two numerical patterns using two given rules and identify the relationship



THE COORDINATE PLANE



a 10 day TEKS-aligned unit TEKS: 5.4C, 5.4D, 5.8A, 5.8B, 5.8C

ready-to-go, scaffolded student materials

COORDINATE PLANE UNIT

Table of Contents

PAGE	TOPIC	RESOURCE
5-6	Ideas for Implementation & Helpful Hints	
7	Intro to the Coordinate Plane	Student Handout
q	Intro to the Coordinate Plane	Independent Practice
11	Graphing Points on the Coordinate Plane	Student Handout
13	Graphing Points on the Coordinate Plane	Independent Practice
15	Rational Numbers on the Coordinate Plane	Student Handout
17	Rational Numbers on the Coordinate Plane	Independent Practice
19	Graphing with Tables	Student Handout
21	Graphing with Tables	Independent Practice
23	Graphing Number Patterns	Student Handout
25	Graphing Number Patterns	Independent Practice
27	Graphing on the Coordinate Plane Quiz	Quiz
29	Representing Additive Relationships	Student Handout
31	Representing Additive Relationships	Independent Practice
33	Representing Multiplicative Relationships	Student Handout
35	Representing Multiplicative Relationships	Independent Practice
37	Additive vs Multiplicative Relationships Student Hando	
39	Additive vs Multiplicative Relationships	Independent Practice
41	Coordinate Plane Unit Review	Review
45	Coordinate Plane Unit Test	Test
49	Coordinate Plane Unit Answer Key	Answer Key

TEKS

©Maneuvering the Middle LLC, 2015

THE COORDINATE PLANE



a 10 day TEKS-aligned unit

TEKS: 5.8A, 5.8B, 5.8C, 5.4C, 5.4D

student friendly + real-world application

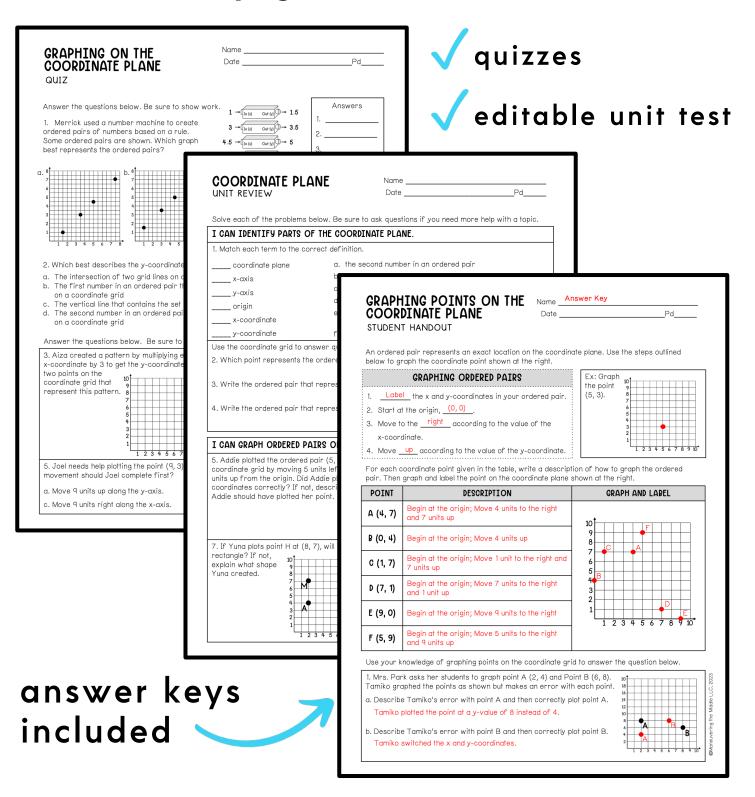
INTRO TO THE COOR PLANE STUDENT HANDOUT	DINATE Name	Pc		scaffolded concepts
A non-profit organization hosts a mevent. The number line shows the dea. Describe the location of the hay relation to the starting line. The finish line will be 6 km from Plot the point of the finish line or A number line is a one-dimensional to	etails of the course. bale and mud pit in startin line the starting line. n the number line.	KILOMETERS		
is a two-dimensional pla Use the definitions belo X-AXIS The coordinate plane	ne formed by a pair of perp w to label the parts of the co number line in the e.	endicular number lines, call	ed	
coordinate plane	number line in the e. e the x-axis and y-axis	1 2 3 4 5 6 7 8	RATIONAL NUMBERS ON THE COORDINATE PLANE INDEPENDENT PRACTICE	NamePdPd
ORDERED sis made up of x-coordinate: 1 • y-coordinate: 1	distance of the point from tower a-d. If A? If C? Of 5?	ordered pair and indice he origin. ordered pair and indice he origin. 10 C (0, 9)	Eliza plotted a point on the x-axis at $5\frac{1}{2}$. Aurora pl by moving: right and 7 the Josiah started at the origin and moved to the	AURORA FINN JOSIAH LAVINIA CONNOR Finn plotted a point on the y-axis half way between 4 and 5. Connor plotted a point by moving $\frac{1}{2}$ unit to the right
oplicati oportun		7		8. The graph shows three of the four vertices for parallelogram JKLM. Which student(s) listed an ordered pair for point M that would

THE COORDINATE PLANE



a 10 day TEKS-aligned unit TEKS: 5.8A, 5.8B, 5.8C, 5.4C, 5.4D

unit study guide + assessments



A MANEUVERING THE MIDDLE® RESOURCE