ABOUT THIS RESOURCE

Details:

This IO day quick unit covers 5th Grade Geometry and Operations and Algebraic Thinking Standards. If the skills don't completely align to your state standards, that's OK because this resource is IOO% editable! All content can be modified to make this unit perfect for your classroom!

Patterns and The Coordinate Plane The Coord

<u>Included Resources</u>:

- > Weekly warm up recording sheets
- > Weekly exit ticket sheets
- > Blank lesson plans
- > Unit tracking pages
- > Unit vocabulary sheet
- > Unit pre-assessment
- > Warm ups
- End of Unit Performance Task

- Partner Activity
- > Traditional notes
- Fold and Flip Notes
- Practice assignments(for homework or classwork)
- > A complete PDF of the unit
- > An editable PPT version of the unit.
- > A binder cover and spine labels

<u>Lessons</u>:

- Lesson I : Numerical Patterns
- Lesson 2 : The Coordinate Plane
- Lesson 3 : Coordinate Plane
 Applications

Licensing:

By purchasing this product, you own a license for one teacher only for personal use in their own classroom. Licenses are non-transferable and therefore can not be passed from one teacher to another. If the teacher who purchased this license leaves the classroom or changes schools, the license and materials leave with that teacher. No part of this resource is to be shared with colleagues or used by an entire team, grade level, school or district without purchasing the correct number of licenses. If you are a coach, principal or district interested in transferable licenses that would accommodate yearly staff changes, please contact me for a transferable license quote at lindsayperro@gmail.com.

Sign up for Exclusive FREE Resources, News, Giveaways and More!

http://bit.ly/LPerro

Meet the Author:

My name is Lindsay Perro and I
have been an educational writer and
content developer since 2009.
After spending 8 years as a Middle
School Math Teacher and
Interventionist, I am now following
my passion and focusing on creating
quality educational resources to
make your job easier and keep
students engaged and excited about
math!



Patterns & The Coordinate Plane >>>> Unit Plan for 5th Grade Math

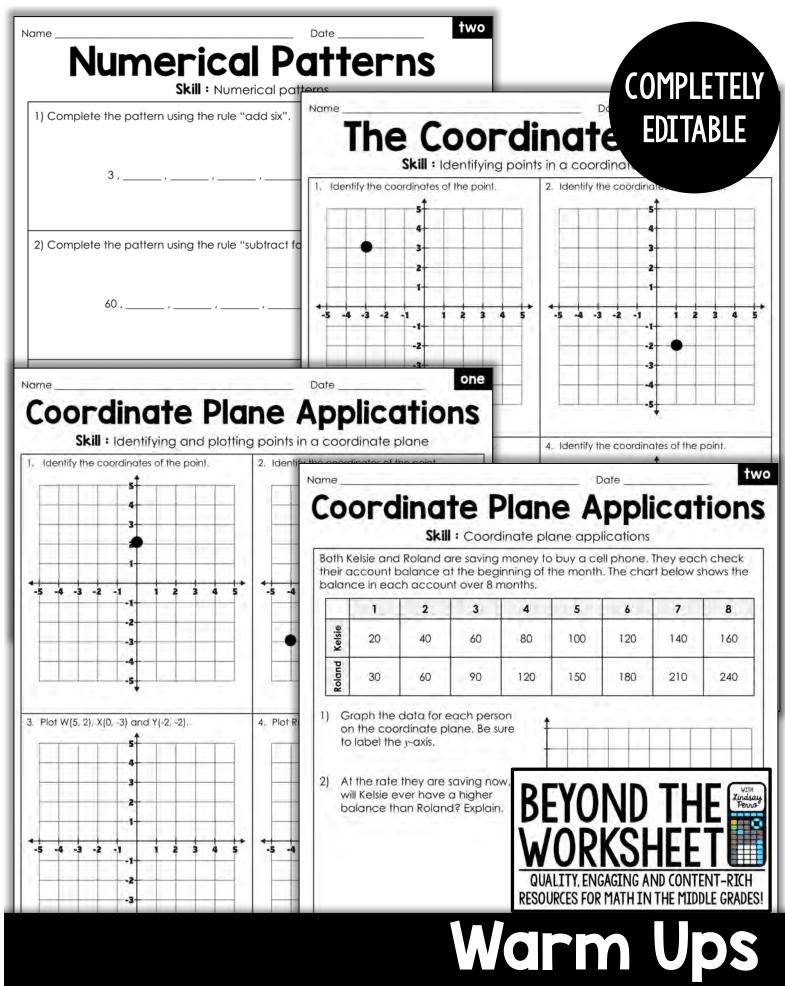
Lesson	Resources
Unit Prep (pgs. 6 – 12)	 Weekly Warm Up Sheet Exit Tickets Lesson Plan Template Vocabulary Pre-Assessment
1) Numerical Patterns (pgs. 13 – 19)	 Two Warm Ups Numerical Patterns Notes (2 pages) Numerical Patterns Practice Worksheets (2)
2) The Coordinate Plane (pgs. 20 – 34)	 Three Warm Ups The Coordinate Plane Notes The Coordinate Plane Printable The Coordinate Plane Fold and Flip Notes The Coordinate Plane Practice Worksheet The Coordinate Plane Riddle Patterns and The Coordinate Plane Practice Worksheet The Coordinate Plane Partner Activity
3) Coordinate Plane Applications (pgs. 35 – 41)	 Two Warm Ups Coordinate Plane Applications Practice Worksheets (2) Coordinate Plane Quiz (2 pages)
End of Unit (pgs. 42 – 47)	 Unit 7 Reference Sheet Unit 7 Task Unit 7 Assessment

PACING CALENDAR

Unit 7 : Patterns and the Coordinate Plane

Day I	Day 2	Day 3	
Topic: Unit Prep	Topic: Numerical Patterns	Topic: Numerical Patterns	
Resources: Review Unit 6 (suggested activity – Fraction Operations Stations) Unit 7 Pre Assessment	Resources: • L1 Warm Up 1 • Numerical Patterns Notes (2 pages) • Numerical Patterns Practice Worksheet (worksheet one)	Worksheet (worksheet two)	
Day 4	Day 5	Day 6	
Topic: The Coordinate Plane	Topic: The Coordinat	TO DESTRUCTION OF THE PROPERTY	
 L2 Warm Up 1 The Coordinate Plane Notes Labeling the Coordinate Plane The Coordinate Plane Practice Worksheet 	VI atterns	Tips and Talk Tips and Talk Generating numerical patterns from two students the background knowledge nor rules for function tables. By starting with a review using a students thinking.	o rules is a skill the control
Day 7	Day 8	By starting with a review using examples students thinking about changes that are two). Misunderstands	eeded to eventually ge
Topic: Coordinate Plane	Topic: Coording	two).	With shape
Applications Resources: • L3 Warm Up 1 • Coordinate Plane Applications Practice Worksheets (2)	Resources: L3 Warm Up The Coordi {insert choided and a state of the coordi and a state of the coordi and a state of the coordi and a state of the coordinate of	changes (e.g. +1, +2, +3), can be challed of thing points on the coordinate plane is a character of their school years to points over and a points over a points o	sh, especially if the path nging for some student skill that students will us
©2018 Lindsay Perro. All Rights Rese			
	and a	Inderstandings – Students will want to labe kwise manner starting from the top left be reading. Consider keeping a labeled vis address it daily during this unit.	el the quadrants in a cause that is how we n ual up in your classroon
	make	e idea of maps and arids to	

leacher Resources



Write a rule for each person to show how much they are saving each month

Numerical Patter Name Numerical Patte Patterns Given Two Rules : Completing a table : COMPLETELY Nona and Marcellus are running a marathon. Nona i Patterns can help you predict a certain number ordered pairs to represent relationships on coord and Marcellus is running 8 minutes per mile. Complet **EDITABLE** long it takes both Nona and Marcellus to complete t Review : 2 miles 1 mile 3 miles 4 miles ☐ Complete the shape pattern. Nona Marcellus □ Interpreting a table : Explain how you knew which shapes came next. The table shows the amount of money earned by two teenagers working a given number of hours at their job. Numerical Patterns: 4 hours 8 hours 12 hours 16 hours 20 hours 24 hours Complete the numerical pattern. \$40 \$120 Rafael \$80 \$160 \$200 \$240 11 Brooke \$36 \$72 \$108 \$144 \$180 \$216 oney Rafael makes each hour compared to the The Coordinate Plane Notes akes each hour? sch make after working 40 hours? Explain how you Big Idea: Key Words : Ordered pair
 x-axis The coordinate plane is created by two perpendicular axes, the x-axis and y-axis. Origin · y-axis Explore: Label each part of the coordinate plane. 44 • The points in Quadrant 1 have a Quadrant Quadrant _x-value and a Ist Quadrant 2nd Quadrant p-value. The points in Quadrant 1 The points in Quadrant 2 · The points in Quadrant 2 have a have positive x-coordinates have negative x-coordinates and positive y-coordinates. _x-value and a and positive y-coordinates. . The points in Quadrant 3 have a (x, y)(-x, y)x-value and a y-value. The points in Quadrant 4 have a x-axis x-value and a Quadrant Quadrant · The point where the x-axis and y-axis (-x, -y)intersect, or _____ is called the identifies the location of a point on the coordin BEYOND TI The first number represents the ____ coordinate and the second number represents t

Notes

QUALITY, ENGAGING AND CONTENT-RICH

RESOURCES FOR MATH IN THE MIDDLE GRADES!

the "streets" and cannot cut through diagonally.

. To plot a point you start at the

Move _____ or ____

from the origin based on the first number in the order

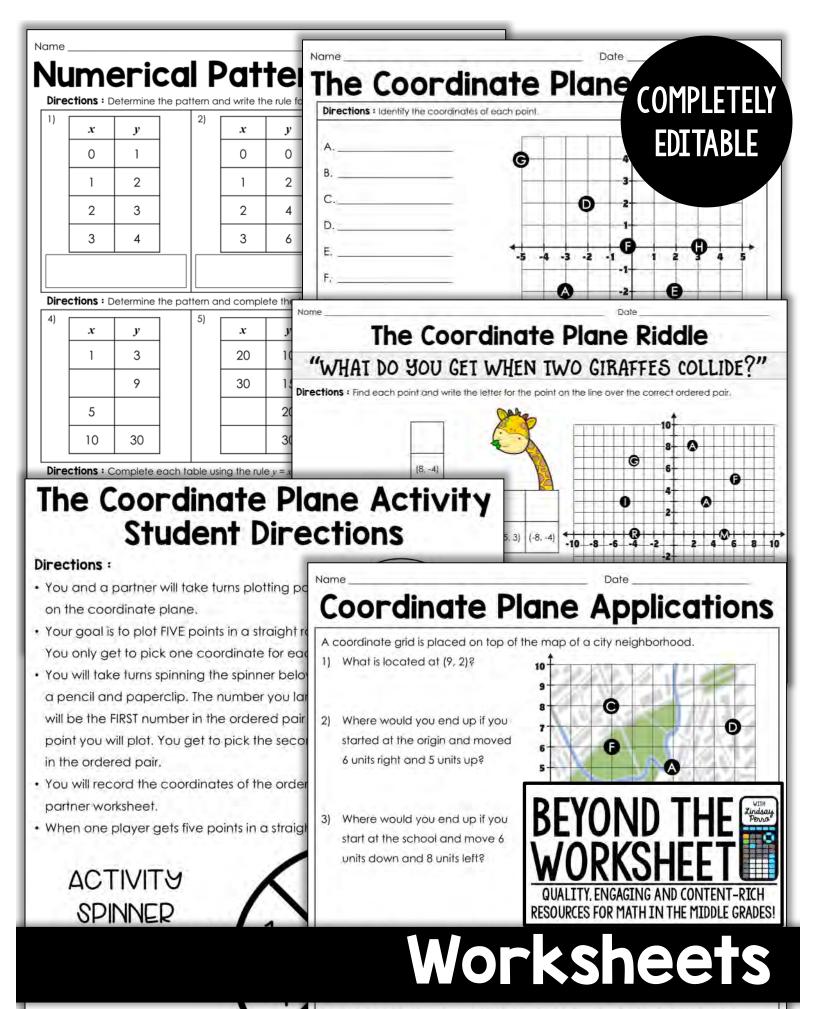
Plotting Points: Moving along the coordinate plane is like moving through a city. You

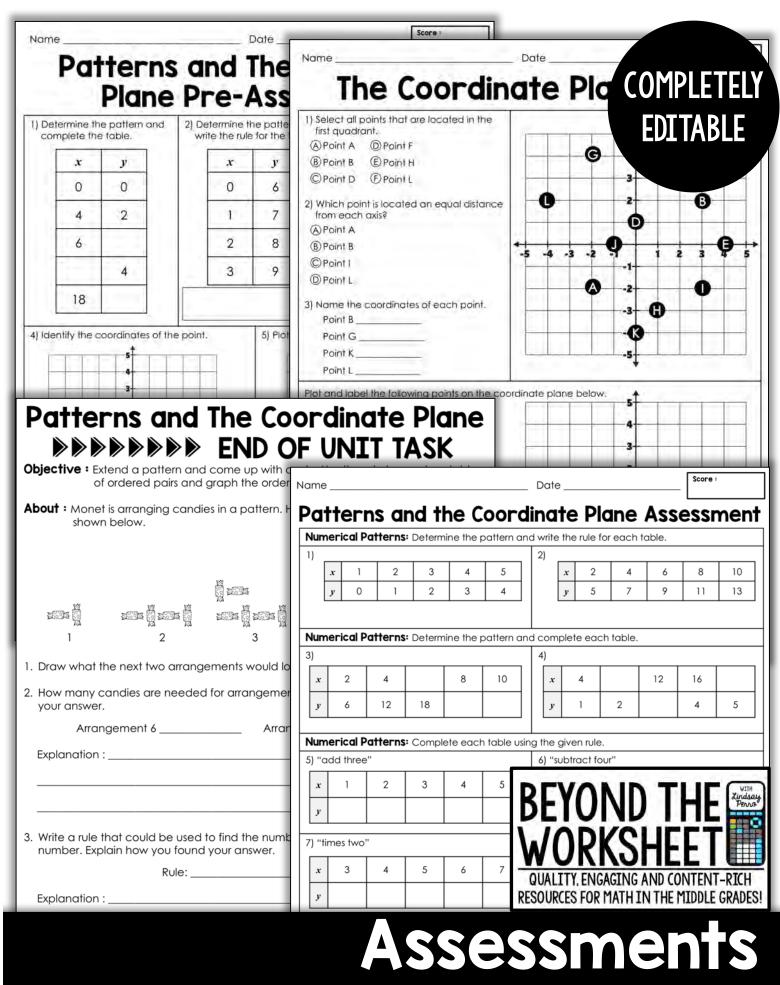
The points

have negativ

and negative

3rd Quadrant





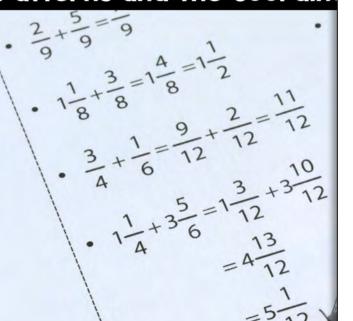
10) At the current snowfall rate, how much snow will each city have after 8 hours? 12 hours? 3 6 5

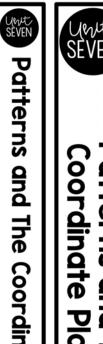
5th Grade Math Unit

Pre Assessment Post Assessment

EDITABLE BINDER COVER

rns and The Coording









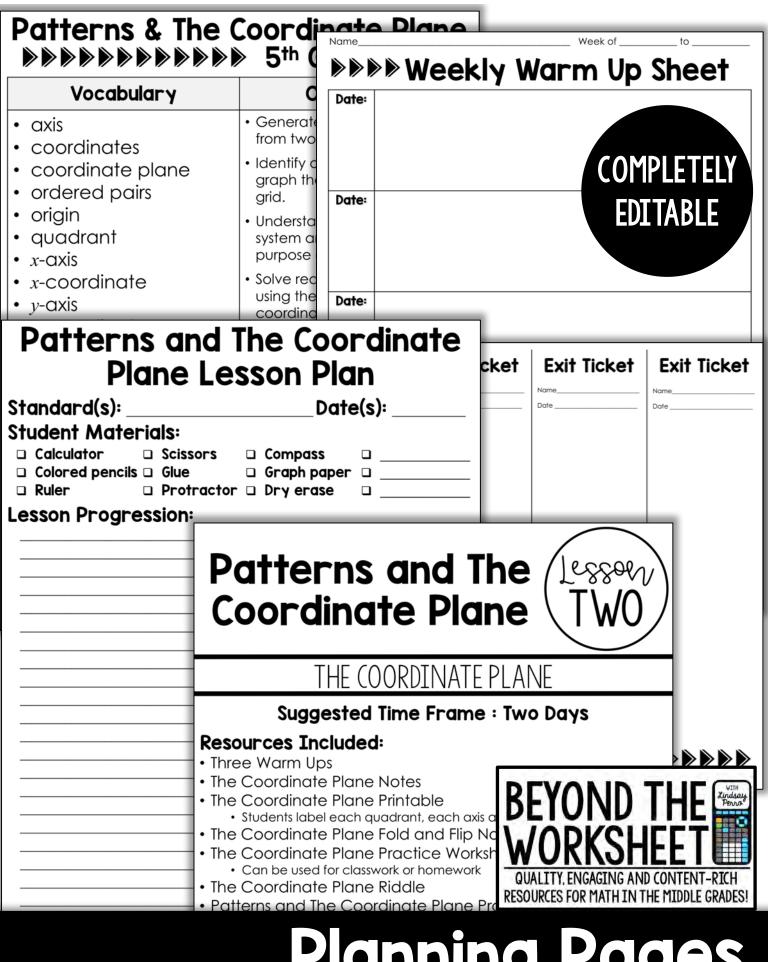
5th Grade Math Unit 7 Patterns and The Coordinate Plane

Name

Notes

					_
	Unit SEVEN Lesson TWO The Coordinate Plane		ST	UDENT TRA	ACKING
	Name	Coordinate Plane Practice	Riddle	Patterns & Coordinate Plane Practice	Partner Activity
			DTV	AND TI	WITH Xindsay Perro
			DEI	OND TH	Penno
			WU	RKSHEI	
				ENGAGING AND CON FOR MATH IN THE MI	
©2016/2017 Lindsay Perro. All rights re				271. 10 11 (1 min 1 1) le 1 le	

Tracking Sheets & Binder Labels



Planning Pages

 Understand the coordinate system and explain the purpose of each axis