

Student Misconceptions - Grade 4

Unit 1 - NY-4.NBT.1 Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.

I can look at a multi-digit number and determine that the digit to the left is 10 times greater than a given digit.

Proficiency :

- Last year: 61% proficiency by 10/12/21
- 27% proficient by 9/22/22
- 65% proficient (entire grade) by 10/27/22

Skill/ Misconception	Value of a digit by its position (i.e. 5 in the number 350 has a value of 5 tens, or 50) - expanded form	digit to the left is ten times larger	Order numbers in the thousands and larger, including using < ,>	Rounding	Word Problems	Extension Mastered End Assessment
Instructional Strategies						
Resources	<ul style="list-style-type: none"> PLACE VALUE... Place value MathAntics Video (9 min) Place Value Game (8 min video) Chart for PV Block Games 	<ul style="list-style-type: none"> 10x more practi... Math (10x) que... PLACE VALUE... 10x more practice 10 x Rule slides 		<ul style="list-style-type: none"> PLACE VALUE... 		
Re-Assessment						
Skill/ Misconception	PV Names and Value of a digit by its position (i.e. 5 in the number 350 has a value of 5 tens, or 50) - expanded form	digit to the left is ten times larger	Order numbers in the thousands and larger, including using < ,>	Rounding	Word Problems	Extension Mastered End Assessment

Leana	Brexton, Khyler, Levi, Mason	Area:	Perimeter: Kaleb, Alex, Zooney, Huntley, RayLynne, Allyssa,	Finding a missing side with same area as square: Audrey, Bailey, Hayden, Abbey,		Scored 100%: Gradin, Maya, Jude, David, Rowan
Perks		Rhea, Vegas, Kat, Emma, Greysen	Vegas, Kat, Emily, Eden, Madison,	Naveah, Wyatt, Vegas, Kat, Emma, Emily, Ethan	Ezra, Aryin, Elliot, Sienna, Vegas, Kat, Hunter, Emma, Emily, Eden, Ethan, Maddison, Fae, Greysen, Antonio	RJ, Anna, Seth, Rowan,
Cowan/Casey	Emma(+,-) Angel(+,-) Jasmine(+,-)	Allie(+,-), Karisssa, Bryton	Chandler(+,-) Mason(+,-) Ti'Shawn(+,-) Amyr(+,-)	Zeke(+,-) , Blake,		Logan(+,-) , Aldyn, Justyce, Cambryn, Ava, Eli, Nevaeh, Carter, Emmeline, Landon

TEAM time groups: Week of 10/23/22 New groups 11/8/22

PV Names/ELA Morse (4)	Word Problems w/ Subtracting Across Zeros using the Mat Area & Perimeter (not word problems) Perks	Word Problems w/ Area and Perimeter using the Mat Leana	Area/Perimeter Word Problems using the Mat Also: Missing Side Cowan/Casey	Rectangle goes up by 2 on each side	Extension Sherwood (all correct on CFA)
Brexton, Khyler, Levi, Mason	Madison, Eden, Emma, Fae, Aryin, Hunter Allie, Eli, Mason Hayden, Zooney	Wyatt Blake, Zeke, Bryton, Neveah, Logan, Ava Izzy, Kaleb, Owen, Jude, Huntley	Ezra, Elliot, Antonio, Greysen, Ethan, Sienna, Emily Karissa, Justyce, Emmeline, Carter, Landon Abbey, Allyssa	RJ, Anna, Seth, Rowan A., Aldyn, Cambyrn Audrey, Bailey, Alex, David, Rowan, Maya, Gradin	
Vakkas Chandler Jasmine Little	Caravella Athena M. Ti'Shawn Emma S. Rhea L	Mashlykin Katalina T. Amyr Jazmine A.	Ruggiero Vegas Angel Neveah F.		

--	--	--	--	--	--