

STAAR STATION PREVIEW

This resource is one of 10 STAAR Stations that targets the Readiness Standards for 4th grade in a FUN & ENGAGING format. These stations work great as a review of 4th grade “Big Ideas”, as a Test-Prep resource, for RTI and Small Group instruction, as a Summer School guide, or as an End of Year culmination activity!

Station 1

16

Station 1

19

Station 1

15

Station 1

17

Place value

Review

TEKS 4.2B

92,070,006.45

the value of each digit from this number. Write the value in the box, including expanded notation.

the digit 9 has a value of:

the digit 2 has a value of:

the digit 7 has a value of:

the digit 6 has a value of:

3,006,900.7

Station 1 Place Value

Instructions

- Determine the number that is represented in each problem.
- Find the matching number card.
- Record the number in your study guide.

36,090,070

30,090,070

30,900,060.7

4,230

54

Station 1
Place
Value

Readiness standards
In 10 Fun Math
Centers

STAAR STATION PREVIEW



Station 2 Fractions & Decimals

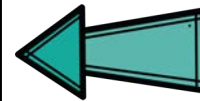
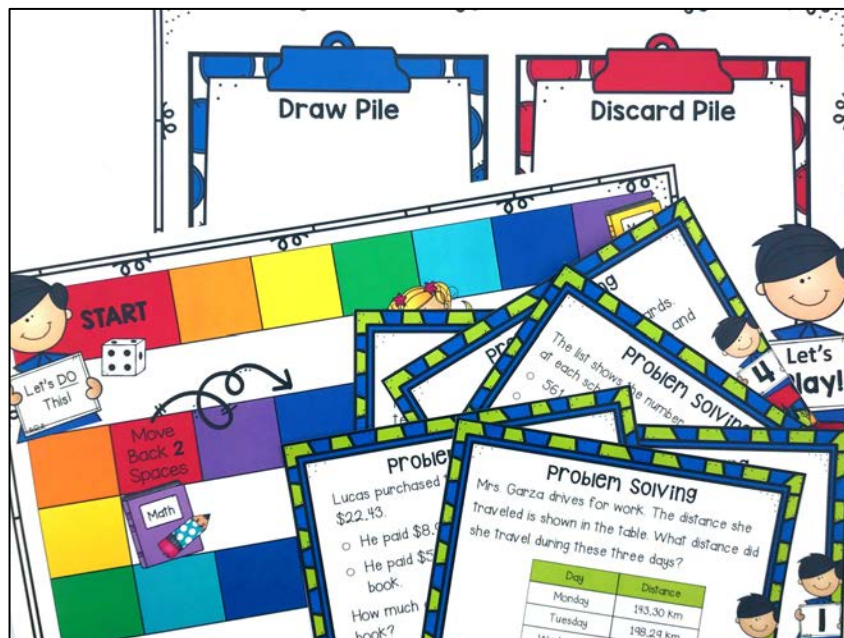


Each station is available
individually or **Get
ALL 10** in the Bundle!

Station 3 Fraction Puzzles

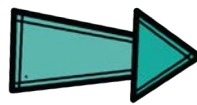


STAAR STATION PREVIEW



Station 4
Problem
Solving Game

Station 5
Represent
Problems



Each station is available
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Station 5: Represent Problems. The cards show various math problems and solutions. One card includes a problem: 'Hannah had twice as many books as Evan. Evan had 34 books. How many books does Hannah have now?' and a 'Strip Diagram'.

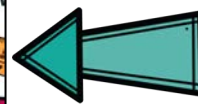
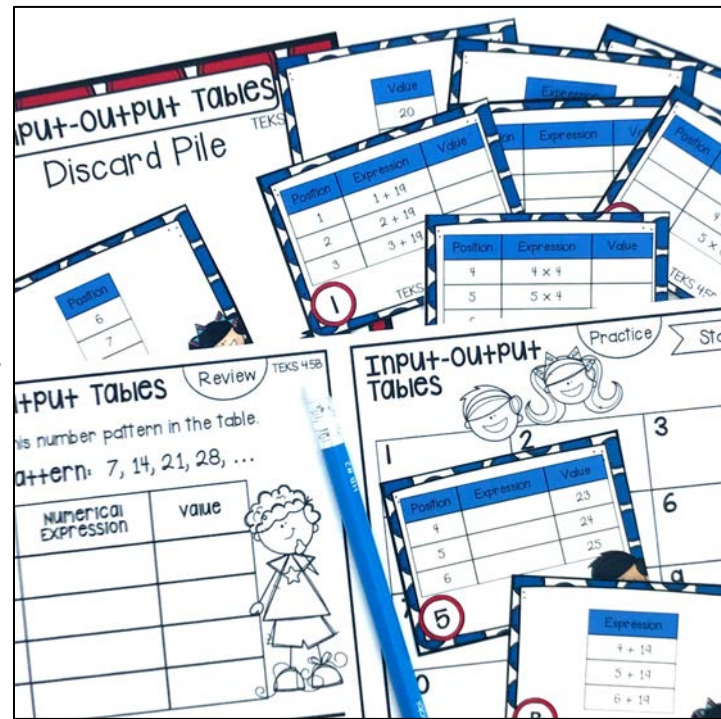
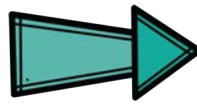
Another card shows a problem: 'Luis has \$23.74. Madelyn has \$15.07. Abigail has \$8.436 in her savings account. What is the total amount in Abigail and Madelyn's accounts?' and a 'Strip Diagram'.

A third card shows a problem: 'Mrs. Garza drives for work. The distance she traveled is shown in the table. What distance did she travel during these three days?' with a table:

Day	Distance
Monday	193.30 km
Tuesday	198.29 km

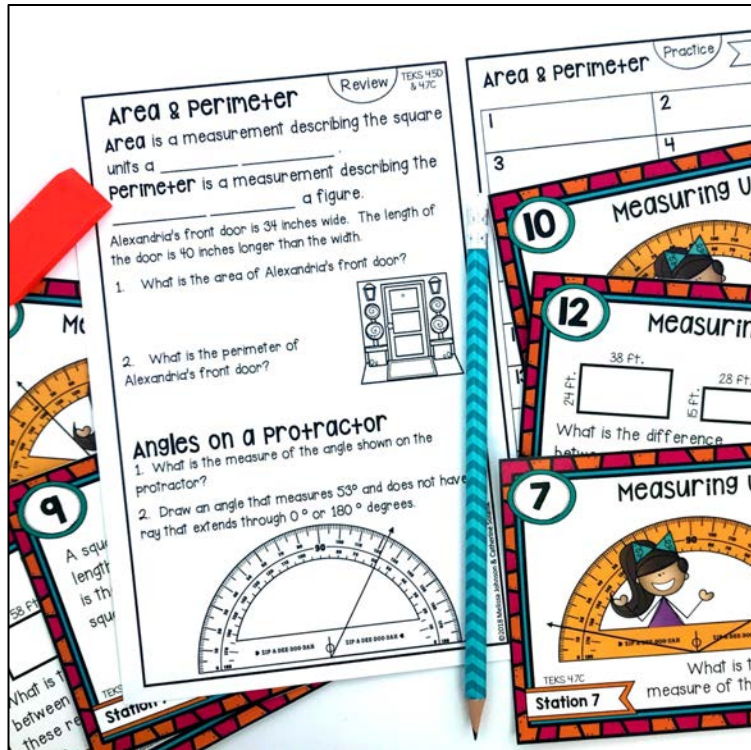
STAAR STATION PREVIEW

Station 6 Input-Output Tables



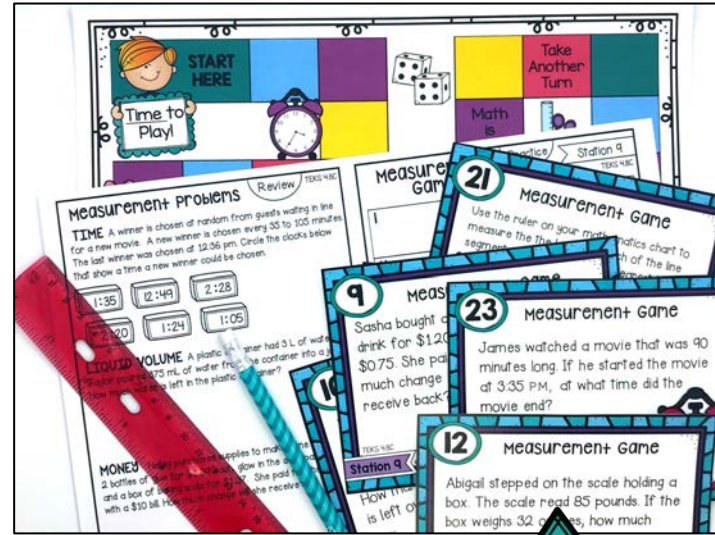
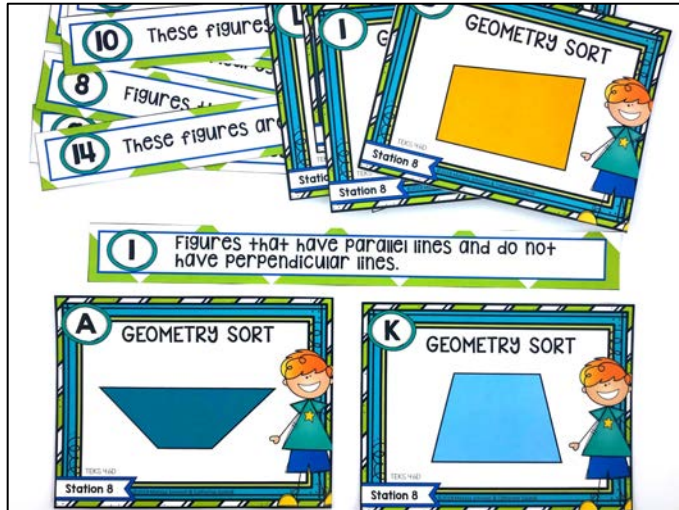
Station 7 Measuring UP

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individually or **Get
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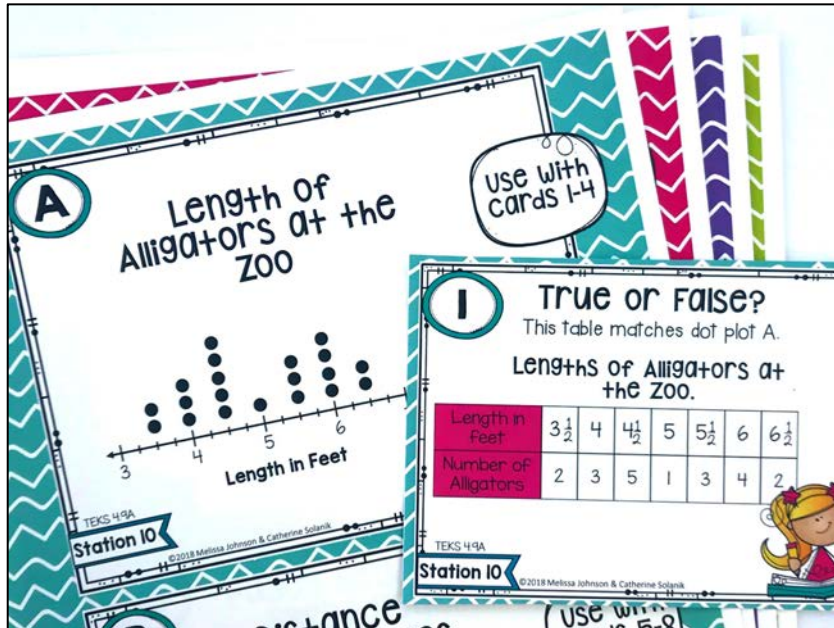


STAAR STATION PREVIEW

Station 8 Geometry



Station 9 Measurement Game



Station 10 Data True or False?

STAAR STATION STUDY GUIDE

A unique set of pages for each station.

Review



Practice



Extend



Notes



Graphs & Data Review TEXS 4.9A

The table shows the points scored by the Panthers in each of their basketball games this season.

78	85	82	70	71
92	100	95	80	96
74	77	88	99	102

Use the table to complete the stem-and-leaf plot below.

Stem	Leaf

8 | 8 means 88

Plot this data set on the dot plot.

$4\frac{1}{2}$, $5\frac{1}{2}$, 4, 5, $3\frac{1}{2}$, 3, $4\frac{1}{2}$, 3, 5, $4\frac{1}{2}$, 3, 7

True or False Data? Practice Station 10 TEXS 4.9A

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32

Graphs & Data Extend TEXS 4.9A

1. A teacher surveyed her class. The results are shown in this graph.

What might the survey have been about? Describe.

2. Create a frequency table and stem-and-leaf plot for the data in the survey above.

	18	19	20	21

Stem	Leaf

means

Notes

Use the Review section first (whole class or small group), prior to each station, to review important concepts from each Readiness Standard.

The Practice section is the math workstation activity. Students record their work from each station in their Study Guide.

The Extend section helps students reflect and think more deeply about the "Big Ideas" behind each Readiness Standard.

Get all 10 Study Guides in one booklet with the **Bundle**

BEFORE

Station REVIEW

Place Value		Review	TEKS 3.2A & 3.2D
56,032			
This number is the sum of:			
Expanded Notation			
Decompose another way			
Cross out the Place Value Discs that are not needed to make 56,032.			
Write clues about this number	This number is greater than _____ This number is less than _____ This number has a digit less than _____ in the _____ place. This number has a digit greater than _____ in the _____ place.		
Order from least to greatest	56,320 56,032 56,335		

DURING

Station RECORD

Place Value		Practice	Station 1	TEKS 3.2A & 3.2D
1	2			
3	4			
5	6			
7	8			
9	10			
11	12			
13	14			
	16			

AFTER

Station EXTEND

Place Value		Extend	TEKS 3.2A & 3.2D
1. Write as many numbers as you can with a 6 in the hundreds place.			
2. Use the numbers you wrote above to write two comparison statements.			
$\underline{\hspace{2cm}} > \underline{\hspace{2cm}}$ $\underline{\hspace{2cm}} > \underline{\hspace{2cm}}$			
3. A number is rounded to 1,400. What could the number be? Give three examples.			
4. Represent the number 34 in as many ways possible using tens and ones.			
_____ Tens and _____ ones _____ Tens and _____ ones _____ Tens and _____ ones _____ Tens and _____ ones			



Place Value		Practice	Station 1	TEKS 3.2A & 3.2D
1 64,083	2 6,483			
3 64,803	4 64,383			
5 3,704	6 3,740			
7 374	8 3,074			
9 10,976	10 10,796			
11 19,706	12 19,760			
13 50,420	14 54,200			
15 54,002	16 50,042			
17 36,900	18 36,090			
19 30,096	20 30,906			

Place Value		Extend	TEKS 3.2A & 3.2D
Write as many numbers as you can with a 6 in the hundreds place.			
Numbers will vary. Some examples are: 1,650, 1,652, 203, 694			
Use the numbers you wrote above to write two comparison statements.			
$552 > 1,650$ $203 > 694$			
A number is rounded to 1,800 when rounded to the nearest hundred. What could the number be? Give three examples. Sample answers shown			
Represent the number 34 in as many ways possible using tens and ones			
14 <u>34</u> ones <u>1</u> Tens and <u>24</u> ones 1 <u>14</u> ones <u>3</u> Tens and <u>4</u> ones			
Order matters when thinking about how is 34 different from 43?			
Order changed the value of the number: 3 Tens and 4 ones is less than 4 Tens			

COMPLETE ANSWER KEYS

Color & Blackline Included

Station 1 What is the sum of six ten thousands, four thousands, eight tens and three ones?
TEKS 3.2A

Station 2 $8,032 >$ $> 5,997$
TEKS 3.2D

Station 3 $(6 \times 10,000) + (4 \times 1,000) + (8 \times 100) + (3 \times 1)$
TEKS 3.2A

Station 4

- The number is greater than 64,090.
- The number is less than 67,002.
- The number has a digit less than 4 in the hundreds place.

Which number is described in these clues?
TEKS 3.2D

Station 5
TEKS 3.2A

Station 6
TEKS 3.2D

Station 1 What is the sum of six ten thousands, four thousands, eight tens and three ones?
TEKS 3.2A

Station 2 $8,032 >$ $> 5,997$
TEKS 3.2D

Station 3 $(6 \times 10,000) + (4 \times 1,000) + (8 \times 100) + (3 \times 1)$
TEKS 3.2A

Station 4

- The number is greater than 64,090.
- The number is less than 67,002.
- The number has a digit less than 4 in the hundreds place.

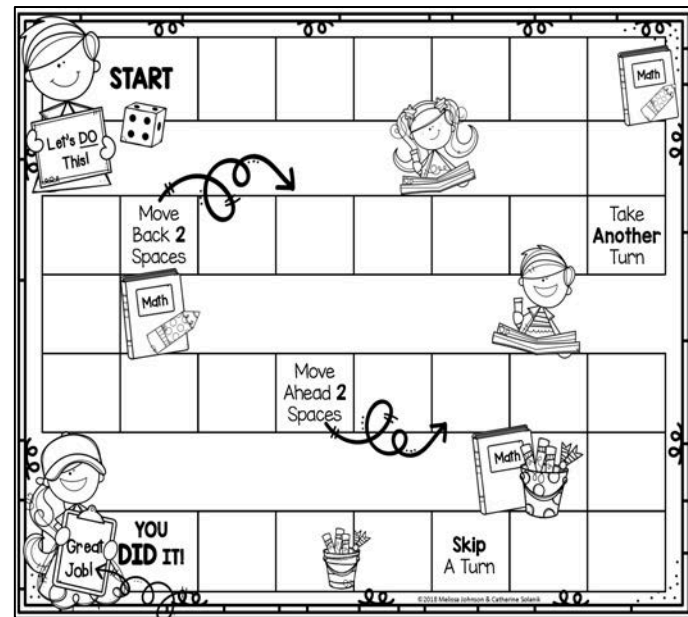
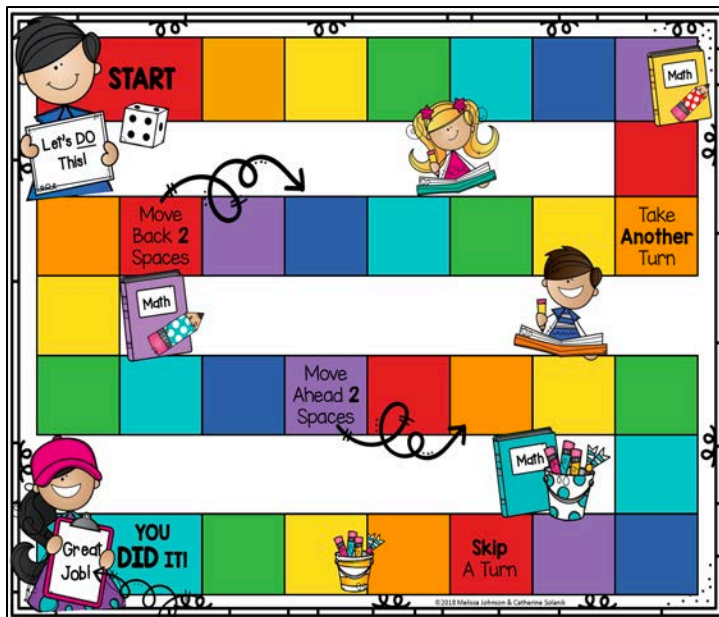
Which number is described in these clues?
TEKS 3.2D

Station 5
TEKS 3.2A

Station 6
TEKS 3.2D

Number Line

64,083
6,483
64,803
64,383
3,704
3,740



Workstation covers Included



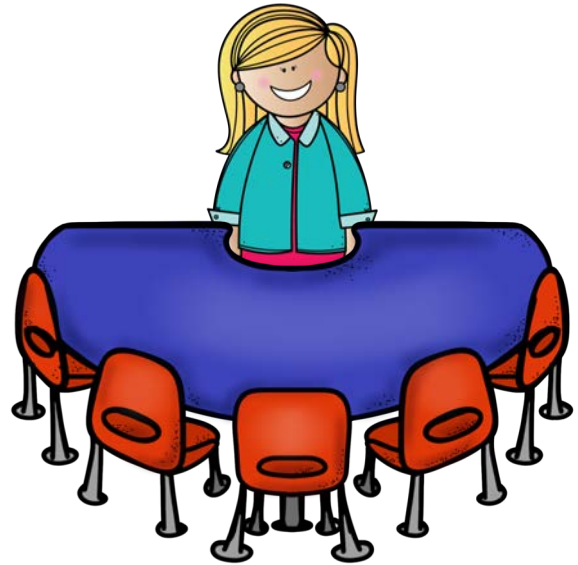
Station Cover Pages: Each station comes with a cover page which includes “I can” statements identifying the standards that each activity targets. These covers work great to organize each station.



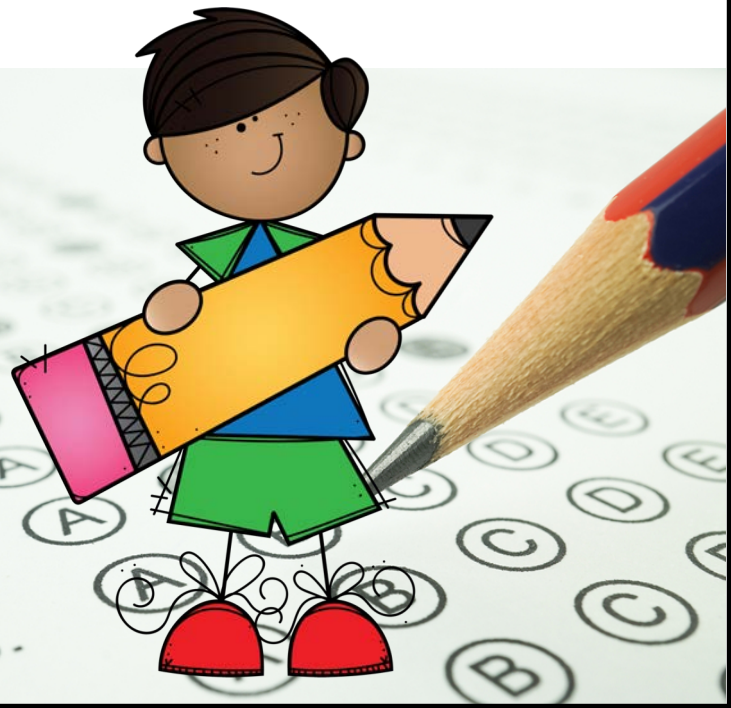
Get Organized!

HOW CAN I USE THIS IN MY CLASSROOM?

1) Guided Math & Intervention: This resource works great for Guided Math and Intervention! Pull groups of students that need practice based on specific standards. Use to review, practice, and extend student understanding.



2) Test-Prep: Use for preparing students for standardized formatted state assessments. This TEKS based resource targets the highly tested Readiness Standards. The STAAR Station Study Guide serves as another tool for students to use in order to prepare for testing.



HOW CAN I USE THIS IN MY CLASSROOM?

3) **End of Year Culmination:** Set aside time the last month of school to rotate students through these fun math stations. Send them home with a completed STAAR Station Study Guide which includes all the “Big Ideas” from their year in 3rd Grade.



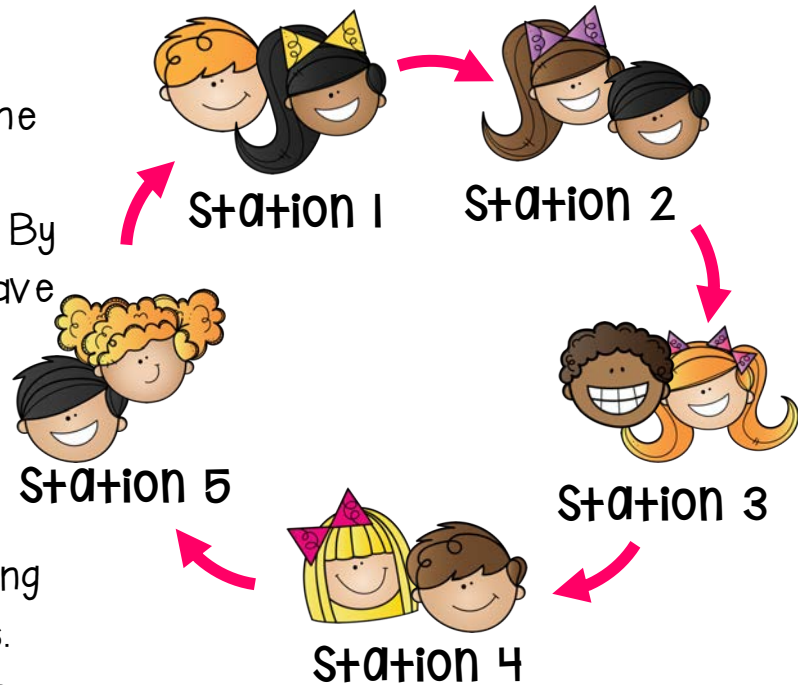
It's the Last Week of School!!!

4) **Summer School Guiding Resource:**
This resource is PERFECT for guiding you through Summer School. It targets the Readiness Standards which are crucial for preparing students for the next school year. The STAAR Station Study Guide provides a tool for students and teachers to monitor progress.



HOW CAN I USE THIS IN MY CLASSROOM?

5) Workstations: Set aside time each day for math workstations. Target one STAAR Station per day or week and rotate students through each station. By the end of all stations, students will have a completed STAAR Station Study Guide.



6) Scoot Activity: Divide stations among your classroom or grade level teams. Have students rotate through stations.

Stations
1 & 2

Mrs.
Baird's
Room



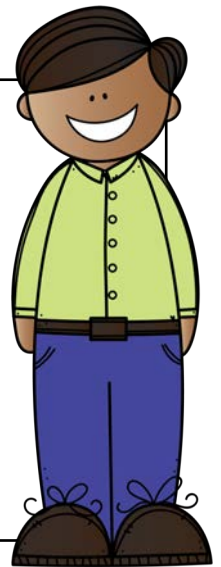
Stations
3 & 4

Ms.
Smith's
Room



Stations
5 & 6

Mr.
Ruiz's
Room



This resource is part of our
MONEY SAVING bundle.



The image shows the cover for the 'STAAR Station Bundle' for 4th grade. At the top left, a purple circle contains the text '4th grade'. To the right, the 'MARVELmath' logo is displayed in a banner, and a circular seal for 'CATHERINE SOLANIK SOLANIK MATH' is in the top right corner. The main title 'STAAR STATION Bundle' is written in large, white, bold letters on a black background, with a yellow arrow pointing from 'STAAR' to 'Bundle'. On the right side, there is a cartoon illustration of a girl with orange curly hair. Below the title, a grid of ten preview images shows various math station cards and guides. A large white box with a pink scalloped border on the right side of the grid contains the text '10 Math Stations'. The preview images include: a 'Draw-Pile' station with a colorful grid; a 'Measuring Up' station with a ruler and clock; a 'True or False?' station with math problems; a 'Length of Animals at the Zoo' station with a bar graph; and several 'STAAR Station Study Guide' cards.

4th grade

MARVELmath

CATHERINE SOLANIK
SOLANIK MATH

STAAR STATION
Bundle

10
Math
Stations

The **Bundle** includes this station and **9 more!**

STAAR Stations Reference Guide

Station 1 Place Value



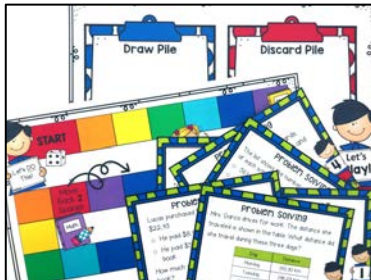
Station 2 Fractions & Decimals



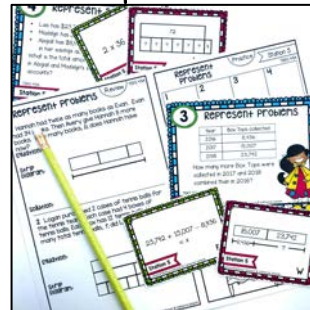
Station 3 Fraction Puzzles



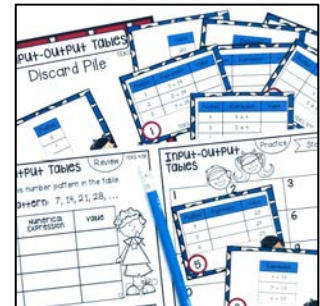
Station 4 Problem Solving Game



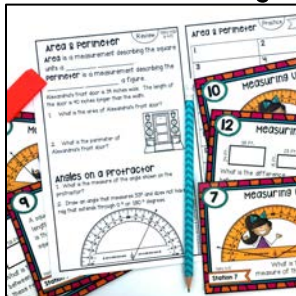
Station 5 Represent Problems



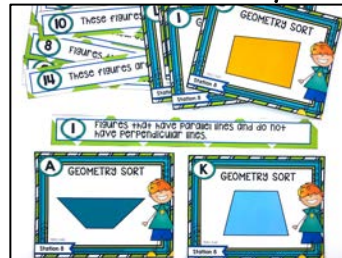
Station 6 Input-Output Tables



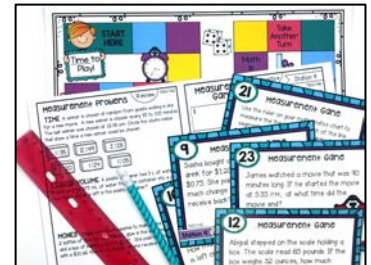
Station 7 Measuring Up



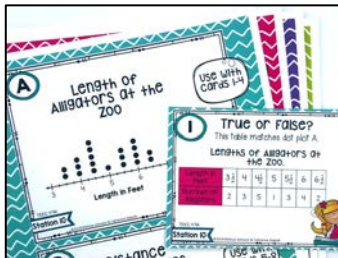
Station 8 Geometry Sort



Station 9 Measurement Game



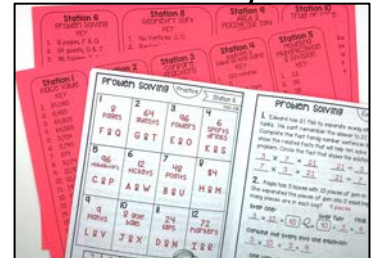
Station 10 True or False Data



STAAR Study Guide



Answer Keys



BUNDLE INCLUDES ALL Readiness TEKS

- 4.2B Represent the value of the digit in whole numbers through 1,000,000,000 and decimals to the hundredths using expanded notation and numerals.
- 4.2G Relate decimals to fractions that name tenths and hundredths.
- 4.3D Compare two fractions with different numerators and different denominators and represent the comparison using the symbols $>$, $=$, or $<$.
- 4.3E Represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operations.
- 4.4A Add and subtract whole numbers and decimals to the hundredths place using the standard algorithm.
- 4.4H Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.
- 4.5A Represent multi-step problems involving the four operations with whole numbers using strip diagrams and equations with a letter standing for the unknown quantity.
- 4.5B Represent problems using an input-output table and numerical expressions to generate a number pattern that follows a given rule representing the relationship of the values in the resulting sequence and their position in the sequence.
- 4.5D Solve problems related to perimeter and area of rectangles where dimensions are whole numbers.
- 4.6D Classify two-dimensional figures based on the presence or absence of parallel or perpendicular lines or the presence or absence of angles of a specified size.
- 4.7C Determine the approximate measures of angles in degrees to the nearest whole number using a protractor.
- 4.8C Solve problems that deal with measurements of length, intervals of time, liquid volumes, mass, and money using addition, subtraction, multiplication, or division as appropriate.
- 4.9A Represent data on a frequency table, dot plot, or stem-and-leaf plot marked with whole numbers and fractions.

Each Station Targets 1 to 2
READINESS STANDARDS



A Note from Melissa & Catherine

We hope you Love our resources!

This resource is a collaborative effort between two deeply passionate Texas math loving teachers with experience in K through 10th grade classrooms as teachers, coaches, and math specialists. We are both incredibly proud of this resource and hope you LOVE it!

If you have any questions along the way you can reach us at: melissa@marvelmath.com

cat@catherinesolanik.com

or

or find us on Teachers Pay Teachers:

<https://www.teacherspayteachers.com/Store/Marvel-Math>

<https://www.teacherspayteachers.com/Store/Catherine-Solanik>



Thank you for your
support!