



# ABOUT ME



I HAVE BEEN A MATH EDUCATOR FOR 19 YEARS PRIMARILY AT THE MIDDLE SCHOOL LEVEL

I HAVE A MASTERS DEGREE IN GIFTED EDUCATION AND A BACHELOR'S DEGREE IN ELEMENTARY EDUCATION WITH ENDORSEMENTS IN BOTH MATH AND LANGUAGE ARTS.

I LOVE TO READ, COOK, BE OUTSIDE AND SPEND TIME WITH MY FAMILY.

I AM SO EXCITED TO WORK WITH YOUR CHILD THIS YEAR AND WATCH THEM GROW!

# MATH NAVIGATE PROGRAM

1st, 2nd, and 3rd Grade: Once a week for 60 minutes!

## REPORT CARDS AND CONFERENCES

Two report cards

- X Checklist in January
- X Checklist and comments in June

Conferences

- X February - District conference dates

Progress Report 2022-2023

Name:

Grade:

**Exceeds Expectations:** The student consistently demonstrates skills and performance at an advanced level for a Navigate class.

**Meets Expectations:** The student consistently demonstrates skills and performance at an appropriate level for a Navigate class.

**Approaching Expectations:** The student does not yet consistently demonstrate skills and performance at the Navigate level.

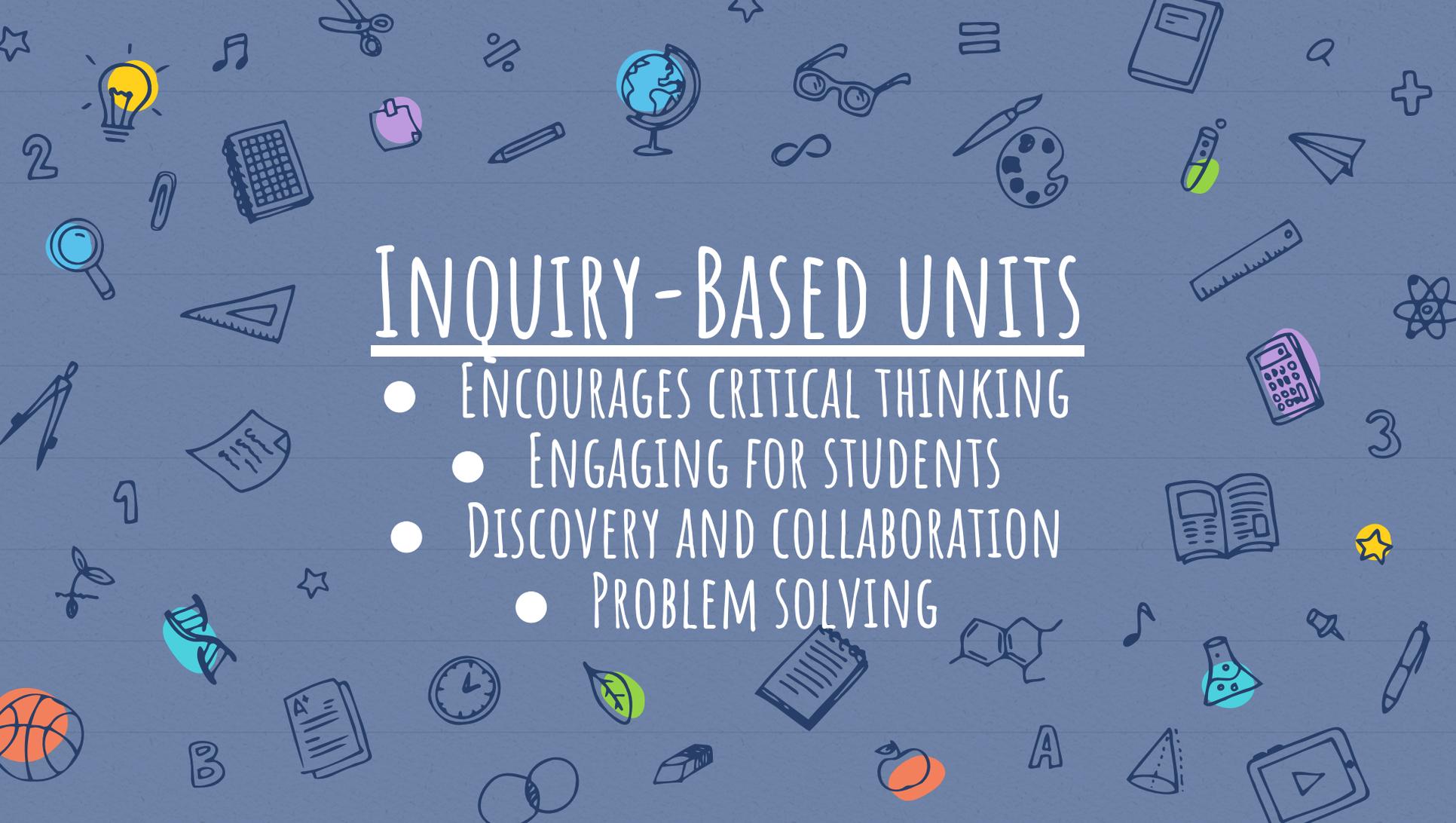
School District 30

Wescott School

Chris Brown, Principal

January			Math Navigate	June		
EXCEEDS	MEETS	APPROACHING		EXCEEDS	MEETS	APPROACHING
			<b>Mathematical Knowledge</b> Demonstrates knowledge of mathematical principles and concepts.			
			<b>Mathematical Application</b> Applies and integrates understanding of mathematical concepts to problem solving and non-routine tasks.			
			<b>Mathematical Thinking</b> Uses a variety of methods and representations to approach tasks and communicate thinking.			

Work Habits/Efforts	January		June	
	Consistently	Inconsistently	Consistently	Inconsistently
Comes prepared to class				
Demonstrates effort				



# INQUIRY-BASED UNITS

- ENCOURAGES CRITICAL THINKING
- ENGAGING FOR STUDENTS
- DISCOVERY AND COLLABORATION
- PROBLEM SOLVING

# HOW TO BE A COOPERATIVE PROBLEM-SOLVER

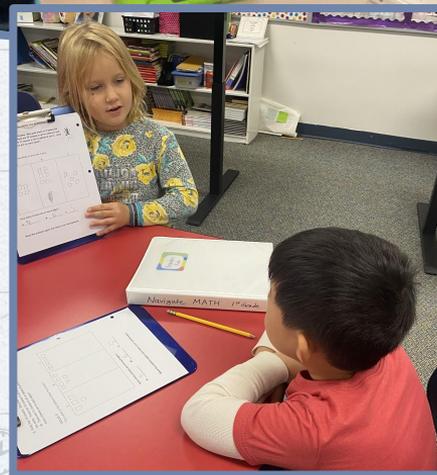
- HOW TO COMPARE ANSWERS
- IT IS NOT A RACE TO FINISH FIRST
- HOW TO USE MISTAKES AS LEARNING OPPORTUNITIES
- HOW TO SHOW WORK AND CHECK TO BE SURE THE ANSWER IS REASONABLE
- RISK TAKING AND PERSEVERANCE
- IT'S OK TO BE INCORRECT!

# MATH NAVIGATE PROGRAM

1ST GRADE

## PROBLEM SOLVING SKILLS

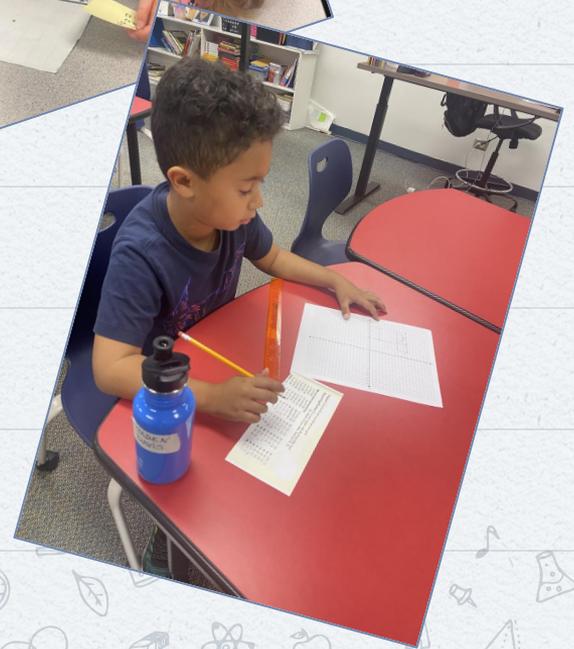
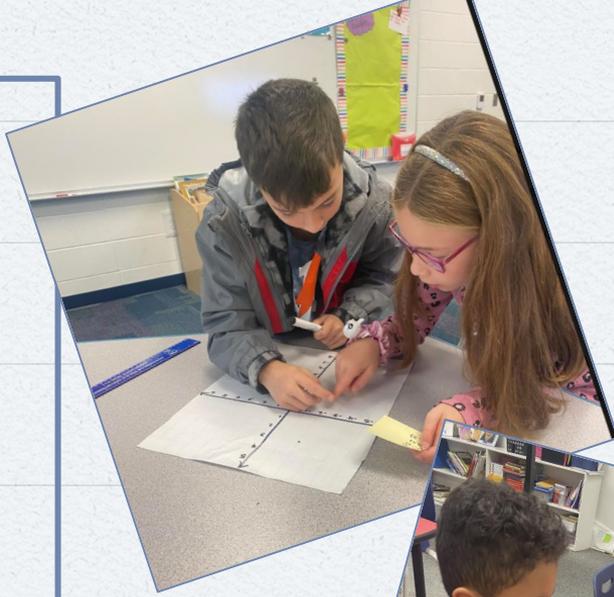
- ✘ USING MANIPULATIVES
- ✘ PRACTICING DIFFERENT STRATEGIES
- ✘ USING MULTIPLE OPERATIONS
- ✘ DECISION MAKING
- ✘ GEOMETRY CONCEPTS



## 2ND GRADE

### GEOMETRY, MEASUREMENT AND DATA

- ✕ PROBLEM SOLVING WITH AREA AND PERIMETER
- ✕ USING FORMULAS
- ✕ VOLUME AND SURFACE AREA 
- ✕ COORDINATE PLANES
- ✕ CONVERTING MEASUREMENTS







# 1ST GRADE

1.  -  =  + 

2.  +  = **9**

3.  -  = **1**

4.  -  = 

5.  +  = **?**

✘ PROBLEM SOLVING

✘ GUESS AND CHECK

✘ USING OBJECTS

✘ MAKE A LIST

✘ MAKE A DIAGRAM

✘ GEOMETRY CONCEPTS

# 2ND GRADE

✘ PROBLEM SOLVING

✘ COORDINATE PLANES

✘ CONNECTING AND

COMPARING AREA AND

PERIMETER

## Cookie Cutters

I want to bake cookies for a class party. I need to make 25 cookies, but I thought I would use four different cookie cutters to make the cookies more interesting.

I rolled my dough out into a rectangle that is 12 inches by 18 inches. My different cookie cutters are:

3 inch square star



2 inch by 3 inch moon



3 in by 5 in smile



3 inch by 4 inch heart



How could I arrange the shapes of my dough in order to get 25 cookies using all four cookie cutters? Show and explain your thinking.



# HOMWORK



STUDENTS MAY ON OCCASION BE ASKED TO COMPLETE AN ASSIGNMENT NOT FINISHED IN CLASS FOR HOMEWORK.

STUDENTS ARE EXPECTED TO COMPLETE THE HOMEWORK ASSIGNMENT FOR THEIR MATH CLASS IF THERE IS ONE



## AS YOUR CHILD'S TEACHER, I WILL...

- WORK WITH THEM AND TEACH THEM TO BE THE BEST PROBLEM SOLVERS THEY CAN BE.
- ENCOURAGE THEM TO EMBRACE MISTAKES AND VIEW THEM AS LEARNING OPPORTUNITIES.
- PROVIDE MEANINGFUL AND CHALLENGING MATHEMATICAL TASKS
- ENCOURAGE THEM TO WORK COLLABORATIVELY AND LEARN FROM ONE ANOTHER

## WE HOPE THAT YOU AS PARENTS WILL...



- HAVE CONVERSATIONS WITH YOUR CHILD ABOUT HIS/HER LEARNING
- CONTACT US IF YOUR CHILD SEEMS FRUSTRATED WITH AN ASSIGNMENT, NAVIGATE EXPECTATIONS, OR IF YOU FEEL YOUR CHILD'S WORK DOESN'T REPRESENT HIS/HER BEST EFFORT



# Contacting Me!

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