

	20-21, Trimester 2, February 21						
	Sunday	Monday	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>		
Math	Goal: Solve two-step equations with rational numbers.  Targets: 7.EE.B.4.A — Solve word problems leading to equations of the form px + q = r and p(x + q) = r, where p, q, and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach.  Activities: Solve 2-step equations with rational numbers using addition, subtraction, multiplication, or division.  Write and solve 2-step equations for contextual situations.	Goal: Solve two-step equations with rational numbers.  Targets: 7.EE.B.4.A — Solve word problems leading to equations of the form px + q = r and p(x + q) = r, where p, q, and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach.  Activities: Solve 2-step equations with rational numbers using addition, subtraction, multiplication, or division.  Write and solve 2-step equations for contextual situations.	Goal: Solve word problems leading to equations in the forms px + q = r and p(x + q) = r  Targets: 7.EE.B.4.A — Solve word problems leading to equations of the form px + q = r and p(x + q) = r, where p, q, and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach.  Activities: Write equations in the form px + q = r and p(x + q) = r to represent word problems.  Solve equations using different approaches, including arithmetic approach.	Goal: Solve word problems leading to equations in the forms px + q = r and p(x + q) = r  Targets: 7.EE.B.4.A — Solve word problems leading to equations of the form px + q = r and p(x + q) = r, where p, q, and r are specific rational numbers. Solve equations of these forms fluently. Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach.  Activities: Analyze real-world situations and identify important information needed to solve a problem.  Create equations to model real-world applications and efficiently solve a problem	Scorpion Day		

			Understand that px + q = r can be solved in two different ways.		
Science	Make observations and ask questions that arise from careful observation of food-related phenomena that the class can investigate to explain how plants get matter and energy to make food molecules.  Targets: MS-LS1-6: Construct a scientific explanation based on evidence for the role of photosynthesis in the cycling of matter and flow of energy into and out of organisms.	Goal: Use google sheets and graphs to represent scientific data.  Targets: Using mathematics and Computational Thinking: Use mathematical representations to describe and/or support scientific conclusions and design solutions  Activities: Presentation by Mr Ham on How to Use sheets for graphs  Practice graphing skills	Ask questions that arise from careful observation of food-related phenomena that the class can investigate to explain how plants get matter and energy to make food molecules.  Targets: MS-LS1-6: Construct a scientific explanation based on evidence for the role of photosynthesis in the cycling of matter and flow of energy into and out of organisms.	Goal: Develop an initial model to describe the inputs of the system where plants get food molecules (matter).  Targets: MS-LS1-6: Construct a scientific explanation based on evidence for the role of photosynthesis in the cycling of matter and flow of energy into and out of organisms.  Activities: Develop an initial model of how plants get food molecules and where the food molecules come from.	
	List all the foods eaten in one day and where they come from.  Look at where Maple Syrup comes from and ingredients on food containers		Investigate what's in the foods we eat that come from plants by working in small groups to look up their nutrition labels.  Jamboard of Related Phenomena poster as a whole class.	I IIOM.	

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			Analyze our class data to look for	
			patterns in our	
			findings.	
Google Meet	7 BLUE	7 BLUE	7 BLUE	
Google Meet	Morning Meeting	Morning Meeting	Morning Meeting	
	(ALL):	(ALL):	(ALL):	
	Time:	Time:	Time:	
	8-8:30	8-8:30	8-8:30	7 BLUE
	Instruction /	Instruction /	Instruction /	Morning Meeting
	Small Group	Small Group	Small Group	(ALL):
	Appointments	Appointments	Appointments	Time:
	<u>Team :</u>	<u>Team :</u>	<u>Team :</u>	8-8:30
	All	All	All	Instruction /
	Time:	Time:	Time:	Small Group
	8:30-9:15	12:30-1:15	8:30-9:15	Appointments
	Goal:	Goal:	Goal:	<u>Team :</u>
	Solve 2-step	Use google	Write equations in	All Timo :
	equations with	sheets and	the form px + q =	<u>Time :</u> 12:30-1:15
	rational numbers	graphs to	r and $p(x + q) = r$	12.30-1.15 Goal :
	using addition,	represent	to represent word	Develop an initial
	subtraction,	scientific data.	problems.	model of how
	multiplication, or		<b>.</b>	plants get food
	division.	7 GOLD	Solve equations	molecules and
		Morning Meeting	using different	where the food
	Write and solve	(ALL):	approaches,	molecules come
	2-step equations	Time:	including	from.
	for contextual	8-8:30	arithmetic	
	situations.	Instruction / Small Group	approach and algebraic	7 GOLD
		Appointments	approach.	Morning Meeting
	7 GOLD	Team:	арргоасп.	(ALL):
	Morning Meeting	All	Understand that	<u>Time :</u>
	(ALL):	Time:	px + q = r can be	8-8:30
	Time:	12:30-1:15	solved in two	Instruction /
	8-8:30	Goal:	different ways.	Small Group
	Instruction /	Use google		Appointments
	Small Group	sheets and	7 GOLD	<u>Team :</u>
	Appointments	graphs to	Morning Meeting	All Time :
	Team:	represent	(ALL):	<u>Time :</u> 12:30-1:15
	All	scientific data.	<u>Time :</u>	12:30-1:15 Goal :
	Time:		8-8:30	Develop an initial
	9:15-10	7 WHITE	Instruction /	model of how
	Goal:	Morning Meeting	Small Group	plants get food
	Solve 2-step	(ALL):	Appointments	molecules and
	equations with	Time:	<u>Team :</u>	where the food
	rational numbers	8-8:30	All	molecules come
	using addition,	Instruction /	<u>Time :</u>	from.
	subtraction,	Small Group	9:15-10	
	multiplication, or	Appointments	Goal:	
	division.	<u>Team :</u>	Write equations in	
	Write and solve	All	the form $px + q =$	
	2-step equations		r and $p(x + q) = r$	
	2-sich chagions			

for contextual situations.

## 7 WHITE

Morning Meeting (ALL):

<u>Time :</u> 8-8:30

Instruction / Small Group Appointments

Team:
All
Time:
8:30-9:15
Goal:
Solve 2-step
equations with
rational numbers
using addition,
subtraction,
multiplication, or
division.

Write and solve 2-step equations for contextual situations.

### 7 GREEN

Morning Meeting (ALL):

<u>Time</u>: 8-8:30

Team:

Instruction /
Small Group
Appointments

All
Time:
9:15-10
Goal:
Solve 2-step
equations with
rational numbers
using addition,
subtraction,
multiplication, or
division.

Write and solve 2-step equations

<u>Time :</u> 1:15-2 <u>Goal :</u>

Use google sheets and graphs to represent scientific data.

7 GREEN
Morning Meeting
(ALL):
Time:

8-8:30 Instruction / Small Group Appointments

Team:
All
Time:
1:15-2
Goal:
Use google
sheets and
graphs to
represent
scientific data.

# Closing Circle & Office Hours:

<u>Time</u>: 2-2:30

to represent word problems.

Solve equations using different approaches, including arithmetic approach and algebraic approach.

Understand that px + q = r can be solved in two different ways.

#### 7 WHITE

Morning Meeting (ALL):

Time:
8-8:30
Instruction /
Small Group
Appointments

All <u>Time :</u> 8:30-9:15 Goal :

Team:

Write equations in the form px + q = r and p(x + q) = rto represent word problems.

Solve equations using different approaches, including arithmetic approach and algebraic approach.

Understand that px + q = r can be solved in two different ways.

### 7 GREEN Morning Meeting (ALL):

Time:

7 WHITE

Morning Meeting (ALL):

Time: 8-8:30

Instruction / Small Group Appointments

Team: All Time: 1:15-2 Goal:

Develop an initial model of how plants get food molecules and where the food molecules come from.

7 GREEN
Morning Meeting
(ALL):

Time:
8-8:30
Instruction /
Small Group
Appointments

Team:
All
Time:
1:15-2
Goal:

Develop an initial model of how plants get food molecules and where the food molecules come from.

Closing Circle & Office Hours:

<u>Time</u>: 2-2:30

for contextual situations.	8-8:30 Instruction / Small Group Appointments Team: All	
Closing Circle & Office Hours: Time: 2-2:30	Time: 9:15-10 Goal: Write equations in the form px + q = r and p(x + q) = r to represent word problems.  Solve equations using different approaches, including arithmetic approach and algebraic approach.  Understand that px + q = r can be solved in two different ways.  Closing Circle & Office Hours: Time: 2-2:30	
Optional Extension Activities and Ro		