Day 1

Focus Standard: 1.0A.1: Use strategies to add and subtract within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.

Focus Objective: The students will be able to demonstrate adding within 20 by the end of their group rotations.

Work with Teacher

Group 1 – Above Proficiency

Focus Skill:

 Adding numbers within 20 accurately by identifying the missing digit in the number sentence

Activity:

 Students will be challenged when it comes to addition of numbers within 20 by having to identify the missing digit within the number sentence to make it true or accurate

Group 2 – At Proficiency

Focus Skill:

 Adding numbers within 20 accurately by writing number sentence and visually representing it in the way they choose

Activity:

 Students will demonstrate by writing number sentences and finding the answer within 20 that they are able to add within 20. Students will also visually represent the number sentence in a way of their choosing.

Group 3 – Approaching Proficiency

Focus Skill:

 Modeling and writing number sentences for adding numbers within 20 accurately

Activity:

 Students will use model representations of adding numbers within 20 accurately along with writing or forming a number sentence to go with their visual representations

Group 4 – Below Proficiency

Focus Skill:

Modeling adding within 20 accurately using manipulatives

Activity:

• Students will use model representation of adding numbers within 20 accurately by using manipulatives

Work with Technology

Group 1 – Above Proficiency

Focus Skill:

• Adding numbers within 20 accurately using a model and a math sentence

Activity:

- Addition sentences within 20 game
 - https://www.splashlearn.com/a ddition-games-for-1stgraders?page=2
 - o Game provides students with a model in which they have to match the correct number

Group 2 – At Proficiency Focus Skill:

• Adding numbers within 20 accurately using a model and a math sentence

Activity:

- Addition sentences within 20 game
 - o https://www.splashlearn.com/a ddition-games-for-1stgraders?page=2
 - Game provides students with a model in which they have to match the correct number

sentence to the model they are sentence to the model they are given given Group 3 – Approaching Proficiency Group 4 – Below Proficiency Focus Skill: Focus Skill: Adding numbers within 20 accurately Adding numbers within 20 accurately using a model and a math sentence using a model and a math sentence Activity: Activity: • Addition sentences within 20 game • Addition sentences within 20 game o https://www.splashlearn.com/a https://www.splashlearn.com/a ddition-games-for-1stddition-games-for-1stgraders?page=2 graders?page=2 Game provides students with a Game provides students with a model in which they have to model in which they have to match the correct number match the correct number sentence to the model they are sentence to the model they are given given Independent Practice Group 1 – Above Proficiency Group 2 – At Proficiency Focus Skill: Focus Skill: • Adding numbers within 20 accurately • Adding numbers within 20 accurately Activity: Activity: Students will be given self-checking Students will be given self-checking addition sentence cards with choices addition sentence cards with choices for answers at the bottom. Their job for answers at the bottom. Their job will be to clip the clothespin on the will be to clip the clothespin on the correct number in which they identify correct number in which they identify as the answer. If they flip it over it as the answer. If they flip it over it will have a star where the clothespin will have a star where the clothespin should be for the correct answer, this should be for the correct answer, this makes them self-checking and gives makes them self-checking and gives students feedback right away. students feedback right away. Group 3 – Approaching Proficiency Group 4 – Below Proficiency Focus Skill: Focus Skill: • Adding numbers within 20 accurately Adding numbers within 20 accurately using manipulatives • Students will be given self-checking Activity: Provide students with a sectioned addition sentence cards with choices for answers at the bottom. Their job plate, manipulatives, and different

cards with different addition number

sentences within 20

will be to clip the clothespin on the

as the answer. If they flip it over it

correct number in which they identify

Commented [KT1]: Idea for this activity came from: https://proudtobeprimary.com/addition-and-subtraction-to-20-activities-for-kids/

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Commented [KT3]: Idea for this activity came from: https://proudtobeprimary.com/addition-and-subtraction-to-20-activities-for-kids/

Commented [KT4]: Idea for this activity came from: https://proudtobeprimary.com/addition-and-subtraction-to-20-activities-for-kids/ will have a star where the clothespin should be for the correct answer, this makes them self-checking and gives students feedback right away.

Day 2

Focus Standard: 1.OA.1: Use strategies to add and subtract within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.

Focus Objective: The students will be able to demonstrate adding within 20 by using clues given to them from word problems by the end of their group rotations.

Work with Teacher

Group 1 – Above Proficiency

Focus Skill:

• Using word problems to add numbers within 20

Activity:

 Students will create a number sentence to represent the addition going on in the word problem(s) in which they may have to find the missing number of how many of something was added to make the total

Group 2 – At Proficiency Focus Skill:

• Using word problems to add numbers within 20

Activity:

 Students will create a number sentence to represent the addition going on in the word problem(s). They will also use drawings to represent their number sentences created from the word problems.

Group 3 – Approaching Proficiency

Focus Skill:

• Using word problems to add numbers within 20

Activity:

 Students will write the addition problems that go with their word problems while finding the correct answer within 20

Group 4 – Below Proficiency

Focus Skill:

• Using ten frames to visually represent word problems to add numbers within 20

Activity:

• Students will be provided with 2 tens frames and blocks (or some manipulative to use with tens frames) to visually represent the different numbers from the story problem that are being added together. Students will then be asked to write the number sentence after visually representing their word problem on the ten's frames.

Work with Technology

Group 1 – Above Proficiency

Group 2 – At Proficiency

Using word problems or number sentences to add numbers within 20 Activity: Addition within 20 Game https://www.iknowit.com/lessons/a-addition-to-20.html This game provides students with model representations, number sentences, or story problems to practice adding numbers within 20	Using word problems or number sentences to add numbers within 20 Activity: Addition within 20 Game https://www.iknowit.com/lessons/a-addition-to-20.html This game provides students with model representations, number sentences, or story problems to practice adding numbers within 20				
Group 3 – Approaching Proficiency	Group 4 – Below Proficiency				
Focus Skill: Using word problems or number sentences to add numbers within 20 Activity: Addition within 20 Game https://www.iknowit.com/lessons/a-addition-to-20.html This game provides students with model representations, number sentences, or story problems to practice adding	Focus Skill: • Using word problems or number sentences to add numbers within 20 Activity: • Addition within 20 Game • https://www.iknowit.com/lessons/a-addition-to-20.html • This game provides students with model representations, number sentences, or story problems to practice adding				
numbers within 20	numbers within 20				
Independent Practice					
Group 1 – Above Proficiency	Group 2 – At Proficiency				
Focus Skill: • Using word problems to add numbers within 20 Activity:	Focus Skill: • Using word problems to add numbers within 20 Activity:				
Students will read examples of word problems and match them up with the correct number sentence card. Some problems may or may not have missing pieces that they will have to figure out how many of something was added.	Students will read examples of word problems and match them up with the correct number sentence card.				
Group 3 – Approaching Proficiency	Group 4 – Below Proficiency				
Focus Skill: • Using word problems to add numbers within 20 Activity:	Focus Skill: • Add numbers within 20 by representing word problems visually Activity: • Animal addition booklet with at least				

Animal addition booklet with at least 2 different colored dotters per student

Focus Skill:

Focus Skill:

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Commented [KT6]: Idea for this activity came from: https://proudtobeprimary.com/addition-and-subtraction-to-20-activities-for-kids/

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 Students will read examples of word problems and match them up with the correct number sentence card to help them visually identify the different animals they are adding together

with unknowns in all positions. Focus Objective: The students will be able to demonstrate subtracting within 20 by the end of their group rotations. Work with Teacher Group 1 – Above Proficiency Group 2 – At Proficiency Focus Skill: Focus Skill: Subtracting numbers within 20 Subtracting numbers within 20 accurately by identifying the missing accurately digit in the number sentence Activity: Activity: Students will demonstrate by writing Students will be challenged when it number sentences and finding the comes to subtraction of numbers answer within 20 that they are able to within 20 by having to identify the subtract within 20 missing digit within the number sentence to make it true or accurate Group 4 – Below Proficiency Group 3 – Approaching Proficiency Focus Skill: Focus Skill: • Modeling subtracting numbers within Modeling subtracting numbers within 20 accurately 20 accurately Activity: Activity: Students will use a number line to Students will use a number line to visually help them represent visually help them represent subtraction sentences within 20 subtraction sentences within 20 Work with Technology Group 2 – At Proficiency Group 1 – Above Proficiency Focus Skill: Focus Skill: Subtracting numbers within 20 Subtracting numbers within 20 accurately while identifying the accurately while identifying the missing number in the math sentence missing number in the math sentence Activity: Activity: Subtracting numbers within 20 game Subtracting numbers within 20 game where students put missing number where students put missing number into math sentence into math sentence

Day 3

Focus Standard: 1.OA.1: Use strategies to add and subtract within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing,

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- https://www.education.com/ga mes/first-grade/subtractionwithin-20/
- https://www.education.com/ga mes/first-grade/subtractionwithin-20/

Group 3 – Approaching Proficiency

Focus Skill:

 Subtracting numbers within 20 accurately while identifying the missing number in the math sentence

Activity:

- Subtracting numbers within 20 game where students put missing number into math sentence
 - https://www.education.com/ga mes/first-grade/subtractionwithin-20/

Group 4 – Below Proficiency

Focus Skill:

• Subtracting numbers within 20 accurately while identifying the missing number in the math sentence

Activity:

- Subtracting numbers within 20 game where students put missing number into math sentence
 - https://www.education.com/ga mes/first-grade/subtractionwithin-20/

Independent Practice

Group 1 – Above Proficiency

Focus Skill:

• Subtracting numbers within 20 accurately

Activity:

- Find the Missing Addend activity, similar to the link provided below, except subtraction and turned into task cards with number cards that can be matched up. They then could record the answer on a recording sheet.
 - o https://www.pinterest.com/pin/63402307232886973/

Group 2 – At Proficiency Focus Skill:

• Subtracting numbers within 20 accurately

Activity:

- I would like to challenge these students. They will do the find the Missing Addend activity, similar to the link provided below, except subtraction and turned into task cards with number cards that can be matched up. They then could record the answer on a recording sheet.
 - o https://www.pinterest.com/pin/63402307232886973/

Group 3 – Approaching Proficiency

Focus Skill:

 Subtracting numbers within 20 accurately by visually representing the number sentence as needed

Activity:

• Students will use 2 tens frames to help them visually represent a subtraction sentence card and manipulatives to

Group 4 – Below Proficiency

Focus Skill:

 Subtracting numbers within 20 accurately by visually representing the number sentence

Activity:

 Students will use 2 tens frames to visually represent a subtraction sentence card and manipulatives to help them visually represent the subtraction occurring

help them visually represent the subtraction occurring

Day 4

Focus Standard: 1.OA.1: Use strategies to add and subtract within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.

Focus Objective: The students will be able to demonstrate subtracting within 20 by using clues given to them from word problems by the end of their group rotations.

Work with Teacher

Group 1 – Above Proficiency

Focus Skill:

 Using word problems to subtract numbers within 20 by utilizing different visual representations

Activity:

• Students will be given word problems in which their job will be to pick out the important numbers they will need to subtract and form a number sentence along with finding the correct answer. They can represent the sentence in a way that best helps them.

Group 2 – At Proficiency Focus Skill:

 Using word problems to subtract numbers within 20 by utilizing different visual representations

Activity:

 Students will be given word problems in which their job will be to pick out the important numbers, visually represent them in a way that helps them form a number sentence along with correctly subtracting the numbers to find the correct answer.

Group 3 – Approaching Proficiency

Focus Skill:

• Using word problems to subtract numbers within 20

Activity:

• Students will write the subtraction problems that go with their word problems while finding the correct answer within 20

Group 4 – Below Proficiency

Focus Skill:

• Using ten frames to visually represent word problems to subtract numbers within 20

Activity:

• Students will be provided with 2 tens frames and blocks (or some manipulative to use with tens frames) to visually represent the different numbers from the story problem that are being subtracting from each other. Students will then be asked to write the number sentence after visually representing their word problem on the ten's frames.

Work with Technology

Group 1 – Above Proficiency	Group 2 – At Proficiency				
Focus Skill:	Focus Skill:				
 using word problems or number 	 using word problems or number 				
sentences to subtract numbers within	sentences to subtract numbers within				
20	20				
Activity:	Activity:				
 Subtract within 20 Game 	 Subtract within 20 Game 				
o https://www.iknowit.com/lesso ns/a-subtraction-within-	o https://www.iknowit.com/lesso ns/a-subtraction-within-				
<u>20.html</u>	<u>20.html</u>				
 This game provides students 	 This game provides students 				
with models, number	with models, number				
sentences, and story problem	sentences, and story problem				
representations of subtracting	representations of subtracting				
numbers within 20.	numbers within 20.				
Group 3 – Approaching Proficiency	Group 4 – Below Proficiency				
Focus Skill:	Focus Skill:				
using word problems or number	using word problems or number				
sentences to subtract numbers within	sentences to subtract numbers within				
20	20				
Activity:	Activity:				
Subtract within 20 Game	 Subtract within 20 Game 				
o https://www.iknowit.com/lesso	o https://www.iknowit.com/lesso				
ns/a-subtraction-within-	ns/a-subtraction-within-				
<u>20.html</u>	<u>20.html</u>				
 This game provides students 	 This game provides students 				
with models, number	with models, number				
sentences, and story problem	sentences, and story problem				
representations of subtracting	representations of subtracting				
numbers within 20.	numbers within 20.				
	ent Practice				
Group 1 – Above Proficiency Focus Skill:	Group 2 – At Proficiency Focus Skill:				
1 0 0 0 0 0 1 1 1 1 1					
Using word problems to subtract numbers within 20	Using word problems to subtract numbers within 20				
Activity:	Activity:				
Students will solve subtraction word The different ways	Students will solve subtraction word The different ways				
problems using the different ways	problems using the different ways				
provided to them by the think boards	provided to them by the think boards				
in an activity similar to the link below.	in an activity similar to the link below. o https://www.teacherspayteache				
o https://www.teacherspayteachers.com/Product/Subtraction-	o https://www.teacherspayteachers.com/Product/Subtraction-				
Word-Problems-within-20-	Word-Problems-within-20-				
Result-Unknown-Think-	Result-Unknown-Think-				
Boards-2213539	Boards-2213539				

Group 3 – Approaching Proficiency	Group 4 – Below Proficiency				
Focus Skill:	Focus Skill:				
 Using word problems to subtract 	 Subtract numbers within 20 by 				
numbers within 20	representing word problems visually				
Activity:	Activity:				
Students will read examples of word problems and match them up with the correct number sentence card	 Shape subtraction booklet with at least 2 different colored dotters per student to help them visually identify the different amount of shapes they are subtracting 				

Day 5

Focus Standard: 1.0A.1: Use strategies to add and subtract within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions.

Focus Objective: The students will be able to select the appropriate math skill (addition or subtraction) within 20 to solve the word problem by using the word problem clues the end of their group rotations.

their group rotations.					
Work with Teacher					
Group 1 – Above Proficiency	Group 2 – At Proficiency				
Focus Skill:	Focus Skill:				
Using a combination of word problems and/or number sentences to add and/or subtract numbers within 20 Activity: Students will be given word problems in which their job will be to pick out the important numbers they will need to add or subtract to form a number sentence along with finding the correct answer. They can represent the sentence in a way that best helps them.	Using a combination of word problems and/or number sentences to add and/or subtract numbers within 20 Activity: Students will be given word problems in which their job will be to pick out the important numbers, visually represent them in a way that helps them form a number sentence along with correctly adding or subtracting the numbers to find the correct answer.				
Group 3 – Approaching Proficiency	Group 4 – Below Proficiency				
Focus Skill:	Focus Skill:				
Using a combination of word problems and/or number sentences to add and/or subtract numbers within 20 Activity: Students will write the addition or subtraction problems that go with their word problems while finding the correct answer within 20.	Using a combination of word problems and/or number sentences to add and/or subtract numbers within 20 Activity: Students will be provided with 2 tens frames and blocks (or some manipulative to use with tens frames) to visually represent the different numbers from the story problem that				

Commented [KT10]: Idea for this activity came from: https://proudtobeprimary.com/addition-and-subtraction-to-20-activities-for-kids/

Commented [KT11]: Idea for this activity came from: https://proudtobeprimary.com/addition-and-subtraction-to-20-activities-for-kids/ are being added to or subtracted from each other. Students will then be asked to write the number sentence after visually representing their word problem on the ten's frames.

Work with Technology

Group 1 – Above Proficiency

Focus Skill:

 using models, word problems or number sentences to add and/or subtract numbers within 20

Activity:

- Subtraction Pizza Party game
 - https://www.education.com/ga me/subtraction-pizza-party/
 - Students will work on their subtraction within 20 skills by playing this game
- Roadblock Addition, Fishbowl Addition, or Fantasy Coins Addition games
 - https://www.education.com/ga mes/first-grade/additionwithin-20/
 - Students will work on their addition within 20 skills by playing these games

Group 3 – Approaching Proficiency

Focus Skill:

 using models, word problems or number sentences to add and/or subtract numbers within 20

Activity:

- Subtraction Pizza Party game
 - https://www.education.com/ga me/subtraction-pizza-party/
 - Students will work on their subtraction within 20 skills by playing this game
- Roadblock Addition, Fishbowl Addition, or Fantasy Coins Addition games
 - https://www.education.com/ga mes/first-grade/additionwithin-20/

Group 2 – At Proficiency Focus Skill:

 using models, word problems or number sentences to add and/or subtract numbers within 20

Activity:

- Subtraction Pizza Party game
 - https://www.education.com/ga me/subtraction-pizza-party/
 - Students will work on their subtraction within 20 skills by playing this game
- Roadblock Addition, Fishbowl Addition, or Fantasy Coins Addition games
 - https://www.education.com/ga mes/first-grade/additionwithin-20/
 - Students will work on their addition within 20 skills by playing these games

Group 4 – Below Proficiency

Focus Skill:

 using models, word problems or number sentences to add and/or subtract numbers within 20

Activity:

- Subtraction Pizza Party game
 - https://www.education.com/ga me/subtraction-pizza-party/
 - Students will work on their subtraction within 20 skills by playing this game
- Roadblock Addition, Fishbowl Addition, or Fantasy Coins Addition games
 - https://www.education.com/ga mes/first-grade/additionwithin-20/

- Students will work on their addition within 20 skills by playing these games
- Students will work on their addition within 20 skills by playing these games

Independent Practice

Group 1 – Above Proficiency

Focus Skill:

 Using a combination of word problems and/or number sentences to add and/or subtract numbers within 20

Activity:

- Students will be provided with differentiated addition/subtraction word problem task cards in which they will have to identify whether to add/subtract and the numbers to add/subtract along with finding the correct answer.
- Students will have to visually represent the number sentence that goes with their differentiated addition/subtraction word problems task cards in a way that is most helpful for them.

Group 2 – At Proficiency

Focus Skill:

 Using a combination of word problems and/or number sentences to add and/or subtract numbers within 20

Activity:

- Students will be provided with differentiated addition/subtraction word problem task cards in which they will have to identify whether to add/subtract and the numbers to add/subtract along with finding the correct answer.
- Students will have to visually represent the number sentence that goes with their differentiated addition/subtraction word problems task cards in a way that is most helpful for them.

Group 3 – Approaching Proficiency

Focus Skill:

 Using a combination of word problems and/or number sentences to add and/or subtract numbers within 20

Activity:

- Students will be provided with differentiated addition/subtraction word problem task cards in which they will have to identify whether to add/subtract and the numbers to add/subtract along with finding the correct answer.
- Students will have to visually represent the number sentence that goes with their differentiated addition/subtraction word problems task cards in a way that is most helpful for them.

Group 4 – Below Proficiency

Focus Skill:

 Using a combination of word problems and/or number sentences to add and/or subtract numbers within 20

Activity:

- Students will be provided with differentiated addition/subtraction word problem task cards in which they will have to identify whether to add/subtract and the numbers to add/subtract along with finding the correct answer.
- Students will have to visually represent the number sentence that goes with their differentiated addition/subtraction word problems task cards in a way that is most helpful for them.

Access	nent Plan			
Formative: Outline differentiation by groups	Summative: Whole Class			
as needed=	Summative. Whole Class			
Formative assessment opportunities are highlighted throughout the document	Above Proficiency: • These students will be able to complete the summative assessment (found below) with no errors. Proficient: • These students will be able to complete the summative assessment (found below) with minimal errors. Approaching Proficiency: • These students will be able to complete the summative assessment (found below) with few errors. Below Proficiency: • These students will be able to			
	complete the summative assessment (found below) with few errors on the top portion but may need some more assistance on being able to successfully complete the bottom portion of the assessment.			

<u> Παπe:</u>		Da le :		Sco	~e:			KT12]: This is the su	mmative assessment
1. Comple	ete the following	g equa l lons					create by me (r	Kimberly Toepke)	
a. 15-9	=	c. 16-3=.		<i>e</i> .	Ø+6=				
b. 9+	=15	d. 13+	=16	1 .	16	= 0			
your w a. k	ch problem belo rork. jary has 14 stick low many sticke	ers. Julie ha	as 5 more stl						
	ilm has 19 pens. Ioes Jackson ho			low many	′ fewer p	pens			
	ivelyn put 6 lad hejar. How mai				: ladybug	gs In			
	irace has 4 few low many book:			(enzle ha	s 17 book	KS.			