

Mathematics Rubric - Fourth Quarter

Math Standard	Support Needed	Progressing	Meets
Operations and Algebraic Thinking			
Represent and solve problems using addition and subtraction.	<ul style="list-style-type: none"> • Does not complete and/or requires full support and guidance with activities. • Consistently represents and solves addition and subtraction problems 0 to 1 out of the 4 categories: <ol style="list-style-type: none"> 1. Number Stories 2. Number Models 3. Number Lines 4. Number Grids 	<ul style="list-style-type: none"> • Partially completes and/or completes activities with support and guidance. • Consistently represents and solves addition and subtraction problems 2 out of the 4 categories: <ol style="list-style-type: none"> 1. Number Stories 2. Number Models 3. Number Lines 4. Number Grids 	<ul style="list-style-type: none"> • Independently completes activities. • Consistently represents and solves addition and subtraction problems 3 or more of the following categories: <ol style="list-style-type: none"> 1. Number Stories 2. Number Models 3. Number Lines 4. Number Grid
Understand and apply properties of operations and the relationship between adding and subtracting.	<ul style="list-style-type: none"> • Does not complete and/or requires full support and guidance with activities. 	<ul style="list-style-type: none"> • Partially completes and/or completes activities with support and guidance. 	<ul style="list-style-type: none"> • Independently completes activities. •
Add and subtract within 20	<ul style="list-style-type: none"> • Does not complete and/or requires full support and guidance with activities. 	<ul style="list-style-type: none"> • Partially completes and/or completes activities with support and guidance. 	<ul style="list-style-type: none"> • Independently completes activities.
Work with add and subtract equations	<ul style="list-style-type: none"> • Does not complete and/or requires full support and guidance with activities. 	<ul style="list-style-type: none"> • Partially completes and/or completes activities with support and guidance. 	<ul style="list-style-type: none"> • Independently completes activities.
Number and Operation in Base Ten			
Extend the counting sequence	<ul style="list-style-type: none"> • Does not complete and/or requires full support and guidance with activities • Can extend the counting sequence in 0 to 3 of the 6 of the following areas: <ol style="list-style-type: none"> 1. Frames/Arrows 	<ul style="list-style-type: none"> • Partially completes and/or completes activities with support and guidance. • Can extend the counting sequence in 4/5 of the 6 of the following areas: <ol style="list-style-type: none"> 1. Frames/Arrows 	<ul style="list-style-type: none"> • Independently completes activities. • Consistently extends the counting sequence in all of the following areas: <ol style="list-style-type: none"> 1. Frames/Arrows 2. Counting On

	<ol style="list-style-type: none"> 2. Counting On 3. Counting Backwards 4. Counting by 1s 5. Counting by 5s 6. Counting by 10s 	<ol style="list-style-type: none"> 2. Counting On 3. Counting Backwards 4. Counting by 1s 5. Counting by 5s 6. Counting by 10s 	<ol style="list-style-type: none"> 3. Counting Backwards 4. Counting by 1s 5. Counting by 5s 6. Counting by 10s
Understand place value	<ul style="list-style-type: none"> • Does not complete and/or requires full support and guidance with activities. 	<ul style="list-style-type: none"> • Partially completes and/or completes activities with support and guidance. 	<ul style="list-style-type: none"> • Independently completes activities.
Use place value understanding and properties of operation to add and subtract.	<ul style="list-style-type: none"> • Does not complete and/or requires full support and guidance with activities. 	<ul style="list-style-type: none"> • Partially completes and/or completes activities with support and guidance. 	<ul style="list-style-type: none"> • Independently completes activities. •
Measurement and Data			
Tell and write time	<ul style="list-style-type: none"> • Does not complete and/or requires full support and guidance with activities. • Can identify or record with teacher support only to the hour but not the half hour. 	<ul style="list-style-type: none"> • Partially completes and/or completes activities with support and guidance. • Consistently identify and record time to the hour. • Can sometimes identify and record time to the half hour. 	<ul style="list-style-type: none"> • Independently completes activities. • Consistently identifies and records time to the hour and half hour.
Represent and interpret data	<ul style="list-style-type: none"> • Does not complete and/or requires full support and guidance with activities. 	<ul style="list-style-type: none"> • Collect and organize data consistently. • Ask and answer questions occasionally. 	<ul style="list-style-type: none"> • Organize, ask and interpret data consistently.
Geometry			
Works with 2D and 3D Shapes	<ul style="list-style-type: none"> • Does not complete and/or requires full support and guidance with activities. 	<ul style="list-style-type: none"> • Identify, classify, build and compose 2D and 3D shapes. 	<ul style="list-style-type: none"> • Consistently identifies, classifies, builds, and composes 2D and 3D shapes.
Understanding fractions	<ul style="list-style-type: none"> • Does not complete and/or requires full support and 	<ul style="list-style-type: none"> • Identifies 2 of 3 and describes: 	<ul style="list-style-type: none"> • Identifies 3 of 3 and describes:

	guidance with activities.	<ul style="list-style-type: none">○ Whole○ Half○ Fourth/quarter	<ul style="list-style-type: none">○ Whole○ Half○ Fourth/quarter
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