



SJPS First Grade Math Report Card Scales


Domain: Operations & Algebraic Thinking

Report Card Standard: Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem.	
1.OA.1	
4.0	In addition to the 3.0 score, I can solve addition and subtraction word problems beyond 20
3.0 	Students will be able to: <ul style="list-style-type: none"> • Uses addition within 20 to solve word problems • AND uses subtraction within 20 to solve word problems • AND uses the appropriate strategies to determine the unknown number in the equation • AND uses objects, drawings, and equations to represent their thinking
2.0	Students will be able to: <ul style="list-style-type: none"> • Uses addition within 20 to solve word problems • OR uses subtraction within 20 to solve word problems • AND begin to use strategies to determine the unknown number in the equation • AND uses objects, drawings, or equations to represent their thinking
1.0	<ul style="list-style-type: none"> • With help and reteaching, I have partial success at the 2.0 level


Domain: Operations & Algebraic Thinking

Report Card Standard: Adds facts fluently within 10.	
4.0	Fluency with adding larger numbers.
3.0 	Students will be able to: <ul style="list-style-type: none"> • Completes 28-30 problems within 10 in 2 minutes accurately.
2.0	Students will be able to: <ul style="list-style-type: none"> • Completes 15-27 problems within 10 in 2 minutes accurately.
1.0	<ul style="list-style-type: none"> • Completes less than 15 problems accurately in 2 minutes.


Domain: Operations & Algebraic Thinking

Report Card Standard: Subtract facts fluently within 10.	
4.0	Fluency with subtracting larger numbers
3.0 	Students will be able to: <ul style="list-style-type: none"> • Completes 28-30 problems within 10 in 2 minutes accurately.
2.0	Students will be able to: <ul style="list-style-type: none"> • Completes 15-27 problems within 10 in 2 minutes accurately.
1.0	<ul style="list-style-type: none"> • Completes less than 15 problems accurately in 2 minutes.


Domain: Operations & Algebraic Thinking

Report Card Standard: Adds and subtracts within 20 OA.5, OA.6	
4.0	In addition to the requirements for a 3, students can use mental strategies.
3.0 	Students will be able to: <ul style="list-style-type: none"> • accurately solve facts within 20 • AND uses multiple strategies including: counting on, making 10, decomposing a number leading to 10, +/- relationship, creating equivalent but easier or known sums
2.0	Students will be able to: <ul style="list-style-type: none"> • applies one strategy • AND answers most problems correctly
1.0	<ul style="list-style-type: none"> • With help and reteaching, I have partial success at the 2.0 level


Domain: Operations & Algebraic Thinking

Report Card Standard: Solves problems using +/- relationships 1.OA.5, 1.OA.6	
4.0	<ul style="list-style-type: none"> • In addition to the 3.0 score, applies related facts to solve problems including two digit numbers.
3.0 	Students will be able to: <ul style="list-style-type: none"> • Applies fact families to solve story problems (change unknown, part unknown, quantity unknown). • AND identifies 4 equations in a fact family. • AND identifies the missing part of a fact family.
2.0	Students will be able to: <ul style="list-style-type: none"> • Identifies the missing part of a fact family. • AND Identifies 4 equations in a fact family.
1.0	<ul style="list-style-type: none"> • With help and reteaching, I have partial success at the 2.0 level


Domain: Numbers and Operations In Base Ten

Report Card Standard: Read/Write Numbers to 120. NBT.1	
4.0	Has number sense greater than 120.
3.0 	Students will be able to: <ul style="list-style-type: none"> • Write all the numbers 0-120. • Write any number given orally and continue counting. • Identify any number from 0-120 when asked. • Understands the patterns represented in the 120 chart.
2.0	Students will be able to: <ul style="list-style-type: none"> • Read, writes, counts to 120 with only a few errors.
1.0	<ul style="list-style-type: none"> • With help and reteaching, I have partial success at the 2.0 level


Domain: Numbers and Operations In Base Ten

Report Card Standard: Understands place value of 2-digit numbers (tens and ones). NBT.2	
4.0	Students will be able to: <ul style="list-style-type: none"> Identifies how many hundreds, tens and ones are in a given number. AND builds a number with the correct number of hundreds, tens and ones. AND Counts out single cubes (one to one correspondence)
3.0 	Students will be able to: <ul style="list-style-type: none"> Identifies how many tens and ones are in a given number. AND builds a number with the correct number of tens and ones. AND counts out single cubes (one to one correspondence)
2.0	Students will be able to: <ul style="list-style-type: none"> Can build a number with the correct number of tens and ones. AND counts out single cubes (one to one correspondence)
1.0	Students will be able to: <ul style="list-style-type: none"> With help and reteaching, I have partial success at the 2.0


Domain: Numbers and Operations In Base Ten

Report Card Standard: Uses place value when adding within 100 NBT.4	
4.0	Students will be able to: <ul style="list-style-type: none"> add greater numbers using place value
3.0 	Students will be able to: <ul style="list-style-type: none"> Adds a two digit and one digit number AND Adds a two digit and a multiple of 10 AND Composes a 10 when necessary (3 ones and 7 ones make a 10) AND Explains thinking with words, equations, or pictures using place value knowledge.
2.0	Students will be able to: <ul style="list-style-type: none"> Partially meets the criteria for a 3.0
1.0	Students will be able to: <ul style="list-style-type: none"> With help and reteaching, have partial success at the 2.0


Domain: Numbers and Operations In Base Ten

Report Card Standard: Mentally calculates 10 more and 10 less than any number to 99. NBT.5	
4.0	Students will be able to: <ul style="list-style-type: none"> Mentally +/- a multiple of 10 from a two or three-digit number, without having to count And can explain the reasoning used.
3.0 	Students will be able to: <ul style="list-style-type: none"> Mentally +/- a multiple of 10 from a one or two-digit number, without having to count And can explain the reasoning used.
2.0	Students will be able to: <ul style="list-style-type: none"> +/- 10 from a one or two-digit number using a concrete method. (fingers, number line...)
1.0	Students will be able to: <ul style="list-style-type: none"> With help and reteaching, have partial success at the 2.0


Domain: Geometry

Report Card Standard: Reasons with shapes and their characteristics. G.1	
4.0	Accurately counts the faces, vertices and edges of 3-D shapes.
3.0 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Use defining attribute vocabulary to describe 2 and 3-dimensional shapes (corners, sides, vertices, faces and edges) • AND build and draw 2-dimensional shapes based on their attributes • AND compose new 2-dimensional shapes (example: use triangles to compose a hexagon)
2.0	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Describe the defining attributes of 2 and 3-dimensional shapes (example: all triangles have 3 sides and 3 corners) • Build and draw shapes based on their attributes.
1.0	<ul style="list-style-type: none"> • With help and reteaching, I have partial success at the 2.0 level


Domain: Geometry

Report Card Standard: Partition circles and rectangles into two and four equal shares, describe the shares using the words <i>halves</i> , <i>fourths</i> , and <i>quarters</i> , and use the phrases <i>half of</i> , <i>fourth of</i> , and <i>a quarter of</i> . Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares. G.3	
4.0	Can reason with fractions beyond halves and quarters. (Divides shapes and describes their equal parts such as thirds, fifths, etc)
3.0 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • describe parts of a whole (quarters and halves) using a variety of fraction language (one out of two, two out of four, half, quarter) • AND divide circles and rectangles into 2 and 4 equal shares • AND explain that the more equal shares the whole is divided into, the smaller the share becomes
2.0	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Have partial success at the 3.0 level - is able to do 2 of the 3 skills
1.0	<ul style="list-style-type: none"> • With help and reteaching, I have partial success at the 2.0 level


Domain: Measurement & Data

Report Card Standard: MD.2 Measures accurately (non-standard tools).	
4.0	Students can use a variety of objects to measure length including a ruler
3.0 	Students will be able to: <ul style="list-style-type: none"> • Measure length using same size objects with no gaps or overlaps from end to end • AND expresses number of objects needed to show length
2.0	Students will be able to: <ul style="list-style-type: none"> • measure length with occasional gaps or overlaps • AND expresses number of objects needed to show length
1.0	<ul style="list-style-type: none"> • with help and reteaching I have partial success at the 2 level

Domain: Measurement & Data

Report Card Standard: MD.3 Tells/writes time from analog/digital clocks to the hour and half hour.	
4.0	Student can tell time to the quarter hour and in five minute increments
3.0 	Students will be able to: <ul style="list-style-type: none"> • read an analog clock to the hour and half hour • AND read a digital clock • AND draw the hour and minute hands on an analog clock • AND write digital time to the hour and half hour
2.0	Students will be able to: <ul style="list-style-type: none"> • tell time to the hour OR • half hour OR • can read digital clocks to the hour and half hour OR • can read analog clocks to hour and half hour
1.0	<ul style="list-style-type: none"> • with help and reteaching can have partial success at a 2

Domain: Measurement & Data

Report Card Standard: MD.4 Organizes, represents, and interprets data.	
4.0	Students will be able to: <ul style="list-style-type: none"> • Demonstrate a 3.0 and include all components of a graph or chart
3.0 	Students will be able to: <ul style="list-style-type: none"> • Collect data using tallies • AND create a bar graph and organize data with three categories • AND answer questions about data • AND pose their own questions about the data
2.0	Students will be able to: <ul style="list-style-type: none"> • Organize data with three categories • AND answer questions about data
1.0	<ul style="list-style-type: none"> • with help and reteaching I have partial success at a 2