## ADW Academic Standards Report Card Guide Sheets

Grade: Second Subject: Mathematics


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| Report Card Standard | Number Sense <br> Identifies and writes numbers to 999 in various combinations of hundreds, tens, and ones. |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | I can: <br> Read and write numbers to 100 in combinations of tens and ones. <br> Identify place value up to the hundreds. | I can: <br> Identify the place value of each digit in numbers up to 999. | I can: <br> Write numbers in word form and expanded form. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | Student can: <br> Example Work $\begin{gathered} 87=8 \text { tens } 11111111 \\ 7 \text { ones } \ldots \ldots . \end{gathered}$ <br> 276 <br> 2 hundreds 7 tens 6 ones | Student can: <br> Example Work $\begin{gathered} 51 \underline{6}=6 \text { ones } \\ 7 \underline{8} 2=8 \text { tens } \\ \underline{9} 43-9 \text { hundreds } \end{gathered}$ | Student can: <br> Example Work <br> Standard Form 276 <br> Expanded Form $200+70+6$ <br> Word Form <br> Two hundred seventy-six |

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| Report Card Standard | Number Sense <br> Interprets and models fractions as part of a whole or parts of a group. |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | I can: <br> Recognize fractions as parts of a whole. | I can: <br> Model fractions and recognize and write fractions equal to one whole. <br> Recognize fractions as parts of a set. | I can: <br> Compare fractions. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | Student can: <br> Example Work $\begin{aligned} & 1 \\ & -\quad \text { one of four } \\ & 4 \end{aligned} \quad \text { equal parts }$ | Student can: <br> Example Work $\frac{4}{4}=\frac{4}{4}$ <br> Two-thirds means two parts of the group of three are shaded. | Student can: <br> Example Work <br> Circle the largest fraction. $1 / 2$ or $3 / 4$ |

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| Report Card Standard | Number Sense <br> Represents, compares, and interprets data using tables, tally charts, and graphs. |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  |  | I can: <br> Collect and record data. <br> Create a table and a tally chart with my recorded data. | I can: <br> Create a bar graph with information from a table or tally chart. <br> Interpret data from a bar graph as well as other graphs. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  |  | Student can: <br> Survey and record information on a variety of charts. <br> Create a table and a tally chart. | Student can: <br> Create a bar graph. <br> Use the data from a bar graph to answer questions. |

## ADW Academic Standards

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| Report Card Standard | $\begin{aligned} & \text { Computation } \\ & \text { Adds two whole numbers less than } 100 \text { without regrouping. } \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
| I can: <br> Add two-digit numbers without regrouping. | I can: <br> Add two-digit numbers in word problems without regrouping. |  |  |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
| Student can: | Student can: |  |  |
| Example Work | Example Work |  |  |
| Add | Add |  |  |
| $\begin{array}{r} 32 \\ +46 \\ \hline 58 \end{array}$ | Jon had 48 balls. He gave Kevin 31 balls. How many balls do the boys have in all? |  |  |
|  | Answer: They have 79 balls in all. |  |  |

## ADW Academic Standards

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| Report Card Standard | $\frac{\text { Computation }}{\text { Adds two whole numbers less than } 100 \text { with regrouping. }}$ |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  |  | I can: <br> Add two-digit numbers, when the answer less than 100 by regrouping. | I can: <br> Add two-digit numbers when the answer is less than 100 and recognize when regrouping is necessary. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  |  | Student can: <br> Example Work <br> Add $\begin{array}{r} 45 \\ +28 \\ +\quad 26 \\ \hline 71 \end{array} \begin{array}{r} 53 \\ \hline \end{array}$ | Student can: <br> Example Work <br> Add $\begin{array}{r} 76 \\ +44 \\ \hline 120 \end{array}$ |

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| Report Card Standard | ComputationSubtracts two whole numbers less than 100 without regrouping. |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | I can: <br> Subtract two-digit numbers without regrouping. | I can: <br> Subtract two-digit numbers without regrouping in word problems. |  |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | Student can: <br> Example Work <br> Subtract $\begin{array}{r} 56 \\ -\quad 32 \\ \hline 24 \end{array}$ | Students can: <br> Example Work <br> Bill had 56 marbles. He gave 32 marbles. How many marbles do Bill have left? |  |

## ADW Academic Standards

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| Report Card Standard | ComputationSubtracts two whole numbers less than 100 with regrouping. |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  |  | I can: <br> Subtract two-digit numbers with an answer less than 100 by regrouping. | I can: <br> Subtract two-digit numbers with regrouping in a word problem. <br> Recognize when regrouping is necessary. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  |  | Student can: <br> Example Work <br> Subtract $\begin{array}{r} 91 \\ -\quad 47 \\ \hline 44 \end{array}$ | Student can: <br> Example Work <br> Subtract <br> No <br> Regroup <br> Regroup <br> Bill has 48 marbles. He gave 26 marbles to Sue. How many marbles does Bill have left? |

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| Report Card Standard | $\begin{aligned} & \text { Computation } \\ & \text { Understands and uses the inverse relationship between addition and subtraction. } \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | I can: <br> Understand that if $\begin{aligned} & 6+8=14 \text { then } \\ & 8+6=14 . \end{aligned}$ | I can: <br> Understand that if $14-6=8$, then $14-8=6$. | I can: <br> Solve and identify fact families for sums to 99 . |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | Student can: <br> Complete the turn- around fact. <br> Example Work $\begin{aligned} & 6+8=14 \\ & 8+6=14 \end{aligned}$ | Student can: <br> Complete the turn-around fact. <br> Example Work $14-6=8$ $14-8=6$ | Student can: $\begin{aligned} & \text { Create a fact family. } \\ & \text { Example Work } \\ & 6,8,14 \\ & 6+8=14 \\ & 8+6=14 \end{aligned} 14-6=8,8=6$ |

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| Report Card Standard | ComputationUses estimation to decide whether answers are reasonable in addition problems. |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  |  | I can: <br> Estimate that 17 is closer to 20 than 10. Then I know that $17+$ 10 is close to 30 . | I can: <br> Estimate to determine if my answer is reasonable. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 |  | 3 | 4 |
|  |  | Student can: <br> Estimate the sum. $\begin{array}{r} 17 \\ +10 \\ \hline \end{array} \begin{array}{r} 20 \\ +10 \\ \hline 30 \end{array}$ | Student can: <br> Estimate the sum. <br> Your friend says that $20+42=90$. Use estimation to show that is not correct. $\begin{array}{r} 20 \\ +42 \\ +\quad+40 \\ \hline 60 \end{array}$ |

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| Report Card Standard | Algebra <br> $\overline{\text { Creates and solves addition word problems using number sentences. }}$ |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | I can: <br> Interpret and use models to represent and addition word problem. | I can: <br> Create addition number sentences using key vocabulary. | I can: <br> Write and solve two-digit addition number sentences using problem situations. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | Student can: <br> Example Work | Student can: <br> Example Work $5+2=$ <br> - How many in all <br> - All together <br> - Total <br> - How many more are left | Student can: <br> Example Work <br> I have 13 pencils. I buy 12 more. How many pencils do I have in all? $\begin{array}{r} 13 \\ +\quad 12 \\ \hline 25 \end{array}$ |

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## Grade: Second Subject: Mathematics

| Report Card Standard | Algebra <br> Creates, describes, and extends number patterns using addition/subtraction. |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | I can: <br> Identify odd and even numbers. <br> Skip count by 2,5 , and 10 | I can: <br> Extend a number pattern by stating and writing the three numbers that come next. <br> Determine and verbally explain the number pattern. | I can: <br> Identify a number pattern, extend the pattern by determining the missing numbers, and create my own number pattern. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | Student can: <br> Verbally skip count and display number patterns in writing. | Student can: <br> What are the next three numbers? 1,3,5, $\qquad$ , $\qquad$ <br> "I added 2 to each number, so I skip counted by 2." | Student can: <br> Find the missing numbers in this pattern: 23, $\qquad$ , 17, 14, —. $\qquad$ <br> Explain how you solved the missing numbers: "I subtracted 14 from 17 to find out the skip counting pattern." <br> Create their own number pattern and have partner solve. |

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| Report Card Standard | GeometryDescribes, classifies, sorts and constructs plane and solid geometric shapes. |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | I can: <br> Identify and name plane shapes and their attributes. <br> Identify congruent shapes. <br> Identify and create a line of symmetry. | I can: <br> Identify and name solid shapes. | I can: <br> Identify the attributes of solid shapes and sort by the number of faces, vertices, and edges. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | Student can: <br> Name each shape. <br> Circle the congruent shape. Draw a line of symmetry inside each shape. | Student can: <br> Match the solid shape to its name. | Student can: <br> Identify how many faces, edges, and vertices there are for each solid shape. Sort by solid shapes. |

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| Report Card Standard | Measurement <br> Tells time in varying intervals: $1 / 2$ hour, $1 / 4$ hour, 5 minutes |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  |  | I can: <br> Identify the hour and minute hands on an analog clock. <br> Distinguish hours and minutes on a digital clock. <br> Tell and write time on the hour. Tell and write time on the half-hour. | I can: <br> Tell and write time in quarter intervals. <br> Tell and write time in five minute intervals. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  |  | Student can: <br> Identify the blue hand as the minute hand and the red hand as the hour hand. <br> Identify the time on the hour and halfhour by matching the analog time to its digital time. <br> Example Work <br> The blue hand is the minute hand and the red hand is the hour hand. | Student can: <br> Identify time on an analog clock in quarter hour and five minute intervals by circling the matching digital time. <br> Identify analog time in five minute intervals and write each in digital format. |

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## Grade: Second Subject: Mathematics

| Report Card Standard | Measurement <br> Gives and counts the values of collections of pennies, nickels, dimes, quarters, half-dollars, and dollars. |  |  |
| :---: | :---: | :---: | :---: |
| Learning Targets by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | I can: <br> Identify half-dollars, quarters, dimes, nickels, and pennies. <br> Identify the value of the coin. | I can: <br> Count more than one of the same coins and state the value. | I can: <br> Count a mixed collection of coins using and state the value. |
| Work Sample for Meets the Grade Level Expectations at this Time by Quarter |  |  |  |
| 1 | 2 | 3 | 4 |
|  | Student can: <br> Example Work <br> Cut out each box. Sort the coins. Identify each coin and its value by matching each coin to its name and its value. | Student can: <br> Example Work <br> 2 quarters $=50$ cents <br> 5 dimes $=50$ cents <br> 10 nickels $=50$ cents | Student can: <br> Count on beginning with the halfdollar. Write the value of each mixed collection of coins. <br> Use a different collection of coins to show the same value from your worksheet. |

