Alabama Mathematics AAS

Grade 4 (AAS)

Operations and Algebraic Thinking	**1.** Solve one-step word problems involving real-life situations using the four operations within 100 without regrouping and select the appropriate method of computation when problem solving. M.AAS.4.1
	5. Use repeating patterns to make predictions. M.AAS.4.5
Operations with Numbers: Base 10	**6.** Compare whole number values to 50 using symbols (e.g.,<,>,=). M.AAS.4.6
	9. Round a whole number from 1 to 49 to the nearest ten (using a number line and hundreds chart). M.AAS.4.9
	11. Add and subtract one- and two-digit numbers up to 49 with regrouping using concrete manipulatives and visual models. M.AAS.4.11
Operations with Numbers: Fractions	**13.** Identify and compare models of a whole (1), one-half (1/2), one-third (1/3), and one fourth (1/4) using models, manipulatives, numbers lines, and a clock. M.AAS.4.13
	15. Model decomposing fractions having like denominators, using visual fraction models (limit to halves and fourths). M.AAS.4.15
	17. Model equivalence between fractions of a whole, halves and fourths using visual models. M.AAS.4.17
	19. Compare fractions of a whole, halves and fourths using symbols (>, <,=). M.AAS.4.19
Data Analysis/ Measurement/ Geometry	**20.** Using vocalization, sign language, augmentative communication, or assistive technology, represent and interpret data on a picture or bar graph when given a model or a graph to complete. M.AAS.4.20
	21. Given an object determine the appropriate measurement tool and units of measure using vocalization, sign language, augmentative communication, or assistive technology. M.AAS.4.21

22. **Using vocalization, sign language, augmentative communication, or assistive technology, tell time on a digital and analog clock (to the hour, half-hour, quarter hour).** M.AAS.4.22

    a Measure mass, volume, or lengths of an object when given a measurement tool. M.AAS.4.22A

    b Using vocalization, sign language, augmentative communication, or assistive technology, identify and determine the value of penny, nickel, dime, and quarter. M.AAS.4.22B

23. **Determine the area of a square or rectangle by counting units of measurement (e.g., unit squares).** M.AAS.4.23

24. **Recognize and Identify angles in geometric shapes as larger or smaller.** M.AAS.4.24

27. **Recognize parallel lines, intersecting lines, and angles (right, acute, obtuse).** M.AAS.4.27

28. **Using vocalization, sign language, augmentative communication, or assistive technology, describe the defining attributes of two dimensional shapes (e.g., number of sides, number of angles).** M.AAS.4.28

29. **Given a drawing of a shape with a line drawn across the shape, identify if it is divided symmetrically.** M.AAS.4.29