

**Colorado**  
**Student Assessment Program**  
**(CSAP) (2000)**  
**Mathematics**  
**Grade 3**

***Algebraic Concepts***

1. Computation: Connect  
**D117**
2. Number Facts: Comprehend/Multiplication  
**D119, D166, D167**
3. Operations: Concepts  
**D8, D118, D119**
4. Operations: Real World Problems  
**D11, D12**
5. Properties: Add/Subtract
6. Properties: Multiplication/Zero/One  
**D166, D167**

***Data Interpretation***

7. Bar Graphs: Display/Data  
**D17 - D21**
8. Bar Graphs: Interpret  
**D17 - D21**
9. Bar Graphs: Read  
**D17 - D21**
10. Data: Interpret  
**D13 - D15, TPA**

11. **Graphs: Organize/Display**  
**D15**
12. **Pictographs: Create**  
**D17 - D21**
13. **Pictographs: Interpret**  
**D17 - D21**
14. **Pictographs: Read**  
**D17 - D21**
15. **Problem Solving: Data**  
**D24, D25, D130 - D132**
16. **Table/Chart: Create**  
**D17 - D21, D23 - D25, TPA**
17. **Table: Continue**  
**D17 - D21, D23 - D25, TPA**
18. **Tables/Charts: Interpret**  
**D17 - D21, D23 - D25, TPA**
19. **Tables/Charts: Read**  
**D17 - D21, D23 - D25, TPA**

### ***Decimals***

20. **Money: Add/Subtract/less Than \$10.00**  
**D32 - D34**

### ***Fractions***

21. **Add/Subtract: Illustrate**  
**D138 - D146, D151 - D160**
22. **Fraction Parts: Identify**  
**D42 - D44**

### ***Geometry***

23. Angles: Right
24. Combine/Subdivide: Create/Recognize
25. Congruence: Identify  
NNNNN
26. Connecting: Geometry/Measurement/Number
27. Figures: Classify/Properties  
**D60 - D76**
28. Figures: Compare  
**D60 - D76**
29. Figures: Describe  
**D60 - D76**
30. Figures: Draw  
**D60 - D76**
31. Figures: Identify/Relationships  
**D60 - D76**
32. Figures: Identify/Various  
**D60 - D76**
33. Geometric Concepts: Identify
34. Geometric Models: Make
35. Geometric Relationships: Problem Solving  
**D60 - D76**
36. Line Segments
37. Lines: Identify

- 38. Points: Identify
- 39. Problem Solving: Concepts/Properties
  
- 40. Shapes: Attributes
  
- 41. Solids: Identify
  
- 42. Spatial Reasoning: Problem Solving  
**TPA**
- 43. Symmetry: Create/Line  
**NNNNN**
- 44. Symmetry: Recognize/Familiar Objects  
**NNNNN**
- 45. Symmetry: Recognize/Polygons  
**NNNNN**

***Mathematics Processes***

- 46. Modeling: Addition/Subtraction  
**D138 - D146, D151 - D160**

***Measurement***

- 47. Estimation: Measurement/Standard Units
  
- 48. Length: Measure/Objects  
**D89, D90**
  
- 49. Measurement Processes  
**D89, D106**
  
- 50. Measurement Units: Choose/Apply  
**D89, D106**

51. Measurement: Compare  
**C72 - C88, D91**
52. Measurement: Comparison  
**C72 - C88, D91**
53. Measurement: Read/Interpret  
**D89 - D106**
54. Measurement: Understand/Apply  
**D72 - D88, D89 - D106**
55. Money: Value/Up to \$.99
56. Perimeter: Polygons
57. Time: 5 Minutes/Digital/Analog  
**D100 - D102**
58. Tools: Select  
**TPA**
59. Tools: Use/Methods  
**TPA**
60. Units: Approximate Measures  
**C72 - C88**
61. Units: Describe  
**D89, D106**

***Number Theory***

62. Equivalent Forms: Create/4-Digits
63. Even: Identify
64. Number Sense: Apply Numbers

- 65. Number Sense: Conjectures
- 66. Number Sense: Estimate/Justify  
**D80, D88**
- 67. Number Sense: Meaning
- 68. Odd: Identify
- 69. Place Value: Recognize/Five-Digit Number  
**D35**
- 70. Problem Solving: Numbers/Relationships  
**D42**
- 71. Read Numerals: Less Than 10,000
- 72. Word Names: Read/0-9, 999
- 73. Write Numbers: Less Than 10,000

***Numeration***

- 74. Compute/Estimate: Whole Numbers  
**D147, D174**
- 75. Estimate/Problems: Add/Subtract/Whole  
**D147, D174**
- 76. Estimation: Determine/Exact  
**D147, D174**
- 77. Estimation: Evaluate Solutions

**D147, D174**

- 78. Number Lines: Label  
**D109**
- 79. Number Lines: Locate  
**D109**
- 80. Numeration: Place Value  
**D35, D120, D121**
- 81. Ordering: 1 - 10,000  
**D120, D121**
- 82. Patterns/Sequences  
**D8, D118, D119**
- 83. Patterns: Change  
**D8, D118, D119**
- 84. Patterns: Problem Solving  
**D8, D118, D119**
- 85. Patterns: Problem Solving/Complete  
**D8, D118, D119**
- 86. Patterns: Recognize/Missing/Elements  
**D8, D118, D119**
- 87. Patterns: Recognize/Rule  
**D8, D118, D119**
- 88. Patterns: Relationship/Explain  
**D8, D118, D119**
- 89. Patterns: Reproduce/Continue/Create  
**D8, D118, D119**
- 90. Quantities: Change/Add/Subtract  
**D135**
- 91. Skip Counting: 2/10/100  
**D119**

***Probability/Statistics***

- 92. Chance: Most/Least/Equally Likely  
**D24**
- 93. Combinations: Determine/Matching  
**D87, D88**
- 94. Combinations: Problem Solving  
**D24, D25**
- 95. Data Display: Draw Conclusions/Variety  
**D17 - D21**
- 96. Data Display Interpret  
**D17 - D21**
- 97. Data Display: Organize/Tally Chart  
**D17 - D21**
- 98. Mode: Calculate/Data  
**D17 - D21**
- 99. Predictions: Generate/Study/Formulate  
**D24, D25, D82, D87, D88**

***Whole Numbers***

- 100. Add/Subtract: Illustrate/2-Digit  
**D138 - D146, D151 - D160**
- 101. Add/Subtract: Master  
**D135**
- 102. Compare: Words/Symbols  
**D109**
- 103. Operations: Choose/Apply Methods  
**D135**



- 104. Operations: Facts  
**D166, D167**
  
- 105. Operations: Illustrate/3 Operations
  
- 106. Whole Numbers: Read  
**D120, D121**
  
- 107. Whole Numbers: Write  
**D120, D121**