

Second Grade

Math Learning Progression

Vocabulary: addition, subtraction, sum, difference, more, fewer, less than, greater than, verify, increments, combining, compensating

Recall, demonstrate and explain basic addition facts from one to twenty

"I can recall, demonstrate and explain all my basic addition facts from one to twenty."

Formative Assessments:
 Ten frames
 Straws, stirrers
 Double-nine dominoes
 Base 10 blocks
 Playing cards (1 to 10)

Solve addition and subtraction problems involving using incremental steps and verify the solution

"I can solve addition and subtraction problems involving using incremental steps of ten and verify my solution."

Formative Assessments:
 100s chart
 Ten frames
 Straws, stirrers
 Double-nine dominoes
 Base 10 blocks
 Playing cards (1 to 10)

Solve addition and subtraction problems involving using compensation steps of parts and verify the solution

"I can solve addition and subtraction problems by using compensation steps to the nearest 5s and 10s, and verify my solution."

Formative Assessments:
 100s chart
 Ten frames
 Straws, stirrers
 Double-nine dominoes
 Base 10 blocks
 Playing cards (1 to 10)

Solve addition and subtraction problems involving combining place value columns first and verify the solution

"I can solve addition and subtraction problems by combining tens values and ones values and verify the solution."

Formative Assessments:
 Ten frames
 Straws, stirrers
 Double-nine dominoes
 Base 10 blocks
 Playing cards (1 to 10)

Solve addition and subtraction problems involving separating, joining, comparing, and verify the solution

"I can solve addition and subtraction problems by using separating, joining, comparing techniques, and verify my solution."

Formative Assessments:
 100s chart
 Ten frames
 Straws, stirrers
 Double-nine dominoes
 Base 10 blocks
 Playing cards (1 to 10)

2.2.D
Add and subtract two-digit numbers mentally and explain the strategies used
CCSSM 2.NBT.6-9