

Math Recovery Curriculum Integration

Unit 1

Grade: 3rd

Unit Name: Numbers & Operations in Base Ten

Estimated Start Date: End Date:

Standard(s): 3.NBT.1-3, 3.MD.3 & 4

Big Ideas: Base Ten Number Sense

Student Readiness Profile (AVMR Levels): Construct Levels PV 4, +/- 4, Structure 5

Lessons to use: EM 1.1-1.5, 1.8, 1.12, 2.1, 2.2, 2.4, 2.5, 2.6, 2.7, 2.8, 5.1, 5.2, 3. Unit 1 Test, Unit 3 Test

Lessons to skip:

MR Instructional Strategies/Activities to use: * bundles & sticks * Count by 10's off decade (whole group) * spinner games * 10 & 20 frames Best the Calculator, Addition Top-It, Name That #, # Grid Difference

Roll to 100, Leap Frog (Purple Book p.134), Target # (whole group p.141) Inv. -> Close to 100 • Go collecting • Collect \$1.00 • Top-It • " \$2.00

Math Recovery Curriculum Integration

Grade:

3rd

Unit Name:

Unit 2

operations &
Algebraic

Thinking

connecting \times & \div

Estimated Start Date:

End Date:

Standard(s):

OA. 1-4, MD 3&4

Big Ideas:

* Understanding "x" & "÷" up to 10x10

Student Readiness Profile (AVMR Levels):

$\times \div 2$, $+/- 4$,

Lessons to use:

Em 4.1, ~~4.2, 4.3~~ 4.7 (Baseball "x"), 4.3, 4.6
Inv. Unit 5 test

Lessons to skip:

MR Instructional Strategies/Activities to use:

* Skip counting around the room 2's, 3's, 5's, 10's (Green Book)
* ZAP
* Purple Book p. 155-176 (Units 2, 3, 4)
* Fact Triangles - use to play games

Inv. 100's Charts Patterns for skip counting

• Skip Count around the room → What would 10th person say? etc.

Math Recovery Curriculum Integration

Grade: 3rd

Unit Name: Unit 3
Operations & Algebraic Thinking
Comm. Property of \times

Estimated Start Date: _____ End Date: _____

Standard(s):
OA 5-7, MD 3 & 4

Big Ideas:
* \times & \div understanding up to 10×10 .

Student Readiness Profile (AVMR Levels):
 \times/\div : 2, $+/-$: 4

Lessons to use: Em 4.2-4.6, 4.8, 7.4 & 7.5

Lessons to skip: _____

MR Instructional Strategies/Activities to use: 4
* Division Arrays, Beat the Calculator \times
* ~~Story~~ Story arrays (K-5 teaching on moodle) \times
* Baseball \times
* ~~Spinner games~~
* 2AP - multiples
* Skip counting around room

Inr. \rightarrow Array cards \rightarrow All array games
• Top it
• War
• Missing Factor

Math Recovery Curriculum Integration

Grade: 3rd

Unit Name: Unit 4
Operations & Algebraic Thinking
Patterns in $+ \} x$

Estimated Start Date:

End Date:

Standard(s):

OA 8 & 9, MD 3-7

Big Ideas:

Area of rectangular shapes { how relates to " x^4 "
(Perimeter)

Student Readiness Profile (AVMR Levels):

$x/\div 4$, $+/- 5$

Lessons to use: Em 3.6, 3.7, 3.8

Inv. Unit 4 test (and Unit 8 by now)

Lessons to skip:

MR Instructional Strategies/Activities to use:

- * Measurement & Data on moodle (CISA) for Area & perimeter
- * Cube/Tile configurations
- * Geoboard activities

Tetrominoes Inv. 2.1
Inv. 2.2
2.3
2.4

Math Recovery Curriculum Integration

Unit 5

Grade: Unit Name:

Estimated Start Date: _____ End Date: _____

Standard(s):

Big Ideas:

Student Readiness Profile (AVMR Levels):

Lessons to use: Em
Inv. Unit 2 Test, Unit 9 test (?)

Lessons to skip:

MR Instructional Strategies/Activities to use:

Inv. Book 4 Investigation 3 (All)
Book 7 Investigation #1
Book 2 Investigation #2

Math Recovery Curriculum Integration

Grade:

3rd

Unit Name:

Unit 6

Representing & Comparing Fractions

Estimated Start Date:

End Date:

Standard(s):

NF 1-3, MD 3&4

Big Ideas:

- * Comparing & Ordering Fractions
- * Understand unit fractions

Student Readiness Profile (AVMR Levels):

PV4, x/÷ 4

Lessons to use:

Em 8.1, 8.3 (Exploration A), 8.5/8.6 (Equivalent/Comparing)
Inv. Unit 7 test

Lessons to skip:

MR Instructional Strategies/Activities to use:

- * Fraction War (Top-It)
- * Name that Fraction
- * K-5 teaching resources under number

Inv. Fair Share Fraction Sets

Math Recovery Curriculum Integration

Grade:

3rd

Unit Name:

Unit 7

Measurement

Estimated Start Date:

End Date:

Standard(s):

MD3 } 4, MD7 } 8

Big Ideas:

* Number Sense

* Area of rectangular shapes

Student Readiness Profile (AVMR Levels):

+/- 3, PV: 2, x/1/2:

Lessons to use: Em

elapsed time, area, perimeter

1.4, 3.2, 3.4, 3.6, 10.2 (Volume), 10.3, 10.4

Inv. Unit 3 and Unit 6 tests

Lessons to skip:

MR Instructional Strategies/Activities to use:

* Teachers Pay Teachers - elapsed time many activities

* K-5 materials (moodle)