**Everyday Math 2nd Grade**

**Unit 2: Addition & Subtraction**

**Start Date:** September **End Date:** October

**Big Ideas: Materials Needed:**

-Structuring to 20 -MR purple, red, & green book

-Fluently add within 20 -Settings: ten frames, linker cubes & bead racks

-EM Teacher Manuals, Student Journals & Games

**Student Readiness Profile (AVMR Levels):**

-Structuring in at a 3, goal to be out at a 5

-Addition in at a 3, goal to be out at a 5

**Math Workshop Structure (a 90 minute block):**

-EM Whole Group (15 minutes)

-Guided Practice (10 minutes)

-Independent Practice (5 minutes)

-Workstations (3 rotations of 20 minutes each for a total of 60 minutes)

-(T)Teacher

-(G)Game

-(S)Seatwork

**Lessons**

* 1. **EM Addition Number Stories**

S-MJ p 22-23 (Number Grid Puzzle & MB)

G- Whiteboard or Journal, make up number stories to go with penny plate game

T- Red book p. 58 move to construct 5

* 1. **Partitioning Numbers**

\*Blank ten frames: Guided Practice- students use chips to show a number different ways then write it 6^5 1 etc. For independent practice they complete a different number by using crayons to color variations of the number)

S- MB p. 2 Dominos Dot Patterns

G-Whiteboard or Journal Penny Plate

T-The Train game

* 1. **EM 2.2.2 Distances on a Number Grid (MJ p. 25)**

S- MB p. 26

G- The Train Game

T- The red book

* 1. **EM 2.3 Doubles**

S- MJ p. 28 Domino Dot Patterns

G- The Train Game

T- The red book to move to construct 5

* 1. **EM 2.4 Turn Around Facts and the +9 Shortcut (Do MJ p. 31 together)**

S- MB p. 32

G- Domino Top-It (Teacher Manual p. 104)

T- Red Book

* 1. **EM 2.5 Addition Strategies that use Doubles (MJ p. 33)**

S- Fact Triangles

G-Domino Top-It

T- Red Book

* 1. **EM 2.12 Counting Strategies for Subtraction**

S-MB p. 49

G- Partner Fact Triangles

T-Counting strategies for subtraction (Number Talks Book)

* 1. **EM 2.9 Name Collections (MJ p. 41)**

S- MB or HL 2.9

G- partner fact triangles

T-Name that Number (Teacher p. 140)

* 1. **Play Zap by 2’s, 5’s, & 10’s (MM p. 43 Frames)**

S- MJ p. 45 Frames and Arrows

G- Name that Number

T- Name that Number

* 1. **How to write a Journal Response (K-5 Math Teaching Recourses)**

S-MB p.48

G-Name That Number

T-2.11 Function Machine

**2.11 EM 2.7.2 Solve Subtraction Number Stories (MJ p. 37)**

S-MB p.38

G- Name that Number

T- Red book

* 1. **EM 2.13 Shortcuts for “Harder” Subtraction Facts (use bead racks)**

S- MJ p. 50 (they can use bead racks)

G- Name that Number

T- Shortcuts using bead racks for subtraction