**Chapter 1 Lesson 5: Addition Strip Board**

#### **Day 1: Sunday**

**Presentation (5 minutes):**

* **Objective:** Introduce the concept of addition and how to use the addition strip board.
* **Activity:**
  + Explain addition as combining two numbers to get a total.
  + Demonstrate adding numbers using number rods, colored beads, and the addition strip board.
  + Show examples of how to complete activities at each station.

**Materials:**

* Number rods (1 to 10).
* Colored beads (1 to 10).
* Addition strip board
* Plus and equal sign cards.
* Number cards (1 to 10).

**Structure:**

* **Introduction (5 minutes):**
  + Introduce the addition concept and tools.
  + Explain and show how each station will work.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Addition with Number Rods**
    - **Materials:** Number rods (1 to 10), plus and equal sign cards, number cards (1 to 10).
    - **Student Role:** Place number cards under rods and find the sum.
    - **Teacher Role:** Set up rods, guide students, and provide assistance.
  + **Station 2: Addition with Colored Beads**
    - **Materials:** Colored bead bars (1 to 10), plus and equal sign cards, number cards (1 to 10).
    - **Student Role:** Use bead bars to represent and solve addition problems.
    - **Teacher Role:** Set up bead bars, guide students, and provide support.
  + **Station 3: Adding with Number Rods**
    - **Materials:** Number rods (1 to 10), plus and equal sign cards, number cards (1 to 10).
    - **Student Role:** Match rods to numbers and solve addition problems.
    - **Teacher Role:** Provide numbers, guide students, and ensure accuracy.
  + **Station 4: Adding with Number Cards and Colored Beads**
    - **Materials:** Colored bead bars (1 to 10), plus and equal sign cards, number cards (1 to 10).
    - **Student Role:** Match bead bars to number cards and find sums.
    - **Teacher Role:** Set up problems, guide students, and assist.
  + **Station 5: Addition with the Addition Strip Board**
    - **Materials:** Addition strip board, blue and red strips (1 to 9), addition operation cards.
    - **Student Role:** Place strips on the board to solve addition problems.
    - **Teacher Role:** Provide problems, guide students, and ensure correct use.

**Turn-Taking:**

* Rotate every 7 minutes to ensure all students participate at each station.
* Ensure smooth transitions and equitable participation.

**Review & Wrap-Up (5 minutes):**

* Discuss activities and review what was learned.
* Recap use of plus (+) and equal (=) signs in addition equations.

#### **Day 2: Monday**

**Presentation (5 minutes):**

* **Objective:** Review addition concepts and tools.
* **Activity:**
  + Quick review of addition and use of manipulatives.

**Materials:**

* Same as Day 1

**Structure:**

* **Introduction (5 minutes):**
  + Review addition concepts and tools.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Addition with Number Rods**
    - **Materials:** Same as Day 1.
    - **Student Role:** Practice with rods and number cards.
    - **Teacher Role:** Assist and guide students.
  + **Station 2: Addition with Colored Beads**
    - **Materials:** Same as Day 1.
    - **Student Role:** Use bead bars for addition.
    - **Teacher Role:** Provide guidance and support.
  + **Station 3: Adding with Number Rods**
    - **Materials:** Same as Day 1.
    - **Student Role:** Match and add rods.
    - **Teacher Role:** Assist with matching and summing.
  + **Station 4: Adding with Number Cards and Colored Beads**
    - **Materials:** Same as Day 1.
    - **Student Role:** Solve problems with beads and number cards.
    - **Teacher Role:** Guide and assist students.
  + **Station 5: Addition with the Addition Strip Board**
    - **Materials:** Same as Day 1.
    - **Student Role:** Solve problems using the strip board.
    - **Teacher Role:** Assist and ensure correct use.

**Turn-Taking:**

* Rotate every 7 minutes.
* Ensure equitable participation.

**Review & Wrap-Up (5 minutes):**

* Discuss activities and reinforce addition concepts.

#### **Day 3: Tuesday**

**Presentation (5 minutes):**

* **Objective:** Reinforce addition concepts and practice.
* **Activity:**
  + Quick review and additional practice with manipulatives.

**Materials:**

* Same as Day 1

**Structure:**

* **Introduction (5 minutes):**
  + Review addition tools and concepts.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Addition with Number Rods**
    - **Materials:** Same as Day 1.
    - **Student Role:** Continue practice with rods and number cards.
    - **Teacher Role:** Provide support and guidance.
  + **Station 2: Addition with Colored Beads**
    - **Materials:** Same as Day 1.
    - **Student Role:** Solve problems using bead bars.
    - **Teacher Role:** Guide and assist students.
  + **Station 3: Adding with Number Rods**
    - **Materials:** Same as Day 1.
    - **Student Role:** Match and add number rods.
    - **Teacher Role:** Assist and correct as needed.
  + **Station 4: Adding with Number Cards and Colored Beads**
    - **Materials:** Same as Day 1.
    - **Student Role:** Solve addition problems with beads and number cards.
    - **Teacher Role:** Guide students in solving problems.
  + **Station 5: Addition with the Addition Strip Board**
    - **Materials:** Same as Day 1.
    - **Student Role:** Solve problems using the addition strip board.
    - **Teacher Role:** Provide support and check accuracy.

**Turn-Taking:**

* Rotate every 7 minutes.
* Ensure all students get a chance at each station.

**Review & Wrap-Up (5 minutes):**

* Discuss and review activities.
* Emphasize key addition concepts.

#### **Day 4: Wednesday**

**Presentation (5 minutes):**

* **Objective:** Strengthen understanding of addition.
* **Activity:**
  + Review addition concepts and provide hands-on activities.

**Materials:**

* Addition strip board.
* Number rods.
* Colored beads.
* *Mind Buzz Math Book* with addition exercises.

**Structure:**

* **Introduction (5 minutes):**
  + Quick review of addition concepts.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Addition with Number Rods**
    - **Materials:** Same as previous days.
    - **Student Role:** Practice with rods and number cards.
    - **Teacher Role:** Assist and guide students.
  + **Station 2: Addition with Colored Beads**
    - **Materials:** Same as previous days.
    - **Student Role:** Use bead bars for addition.
    - **Teacher Role:** Provide guidance and support.
  + **Station 3: Adding with Number Rods**
    - **Materials:** Same as previous days.
    - **Student Role:** Match rods to numbers and find sums.
    - **Teacher Role:** Guide and assist.
  + **Station 4: Adding with Number Cards and Colored Beads**
    - **Materials:** Same as previous days.
    - **Student Role:** Solve problems with beads and number cards.
    - **Teacher Role:** Guide and provide support.
  + **Station 5: Student Bookwork**
    - **Materials:** *Mind Buzz Math Book*, pencils.
    - **Student Role:** Complete addition exercises in the workbook.
    - **Teacher Role:** Provide assistance and feedback.

**Turn-Taking:**

* Rotate every 7 minutes.
* Ensure smooth transitions and equitable participation.

**Review & Wrap-Up (5 minutes):**

* Discuss the day’s activities and review concepts.
* Highlight the importance of addition and how manipulatives aid understanding.

#### **Day 5: Thursday**

**Presentation (5 minutes):**

* **Objective:** Strengthen understanding of addition.
* **Activity:**
  + Review addition concepts and provide hands-on activities.

**Materials:**

* Addition strip board.
* Number rods.
* Colored beads.
* *Mind Buzz Math Book* with addition exercises.

**Structure:**

* **Introduction (5 minutes):**
  + Quick review of addition concepts.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Addition with Number Rods**
    - **Materials:** Same as previous days.
    - **Student Role:** Practice with rods and number cards.
    - **Teacher Role:** Assist and guide students.
  + **Station 2: Addition with Colored Beads**
    - **Materials:** Same as previous days.
    - **Student Role:** Use bead bars for addition.
    - **Teacher Role:** Provide guidance and support.
  + **Station 3: Adding with Number Rods**
    - **Materials:** Same as previous days.
    - **Student Role:** Match rods to numbers and find sums.
    - **Teacher Role:** Guide and assist.
  + **Station 4: Adding with Number Cards and Colored Beads**
    - **Materials:** Same as previous days.
    - **Student Role:** Solve problems with beads and number cards.
    - **Teacher Role:** Guide and provide support.
  + **Station 5: Student Bookwork**
    - **Materials:** *Mind Buzz Math Book*, pencils.
    - **Student Role:** Complete addition exercises in the workbook.
    - **Teacher Role:** Provide assistance and feedback.

**Turn-Taking:**

* Rotate every 7 minutes.
* Ensure smooth transitions and equitable participation.

**Review & Wrap-Up (5 minutes):**

* Discuss the day’s activities and review concepts.
* Highlight the importance of addition and how manipulatives aid understanding.