**Chapter 1 Lesson 6: Addition chart**

**Day 1: Sunday**

**Presentation (5 minutes):**

* **Objective:** Introduce Addition Charts and demonstrate their use in finding sums.
* **Activity:**
  + Present what addition charts are and their purpose.
  + Demonstrate solving addition problems using number rods, colored beads, and addition charts.
  + Explain the activities at each station and the materials to be used.

**Materials:**

* Addition charts.
* Number rods (1 to 10).
* Colored beads (1 to 10).
* Addition operation cards.
* Addition strip board.

**Structure:**

* **Introduction (5 minutes):** Explain the concept of addition charts and their role in finding sums. Show examples using manipulatives.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Addition with Number Rods**
    - **Materials:** Number rods (1 to 10), addition operation cards.
    - **Student Role:** Use rods to represent addends and find the sum.
    - **Teacher Role:** Support and guide students in using the rods and understanding the addition process.
  + **Station 2: Addition with Colored Beads**
    - **Materials:** Colored beads (1 to 10), addition operation cards.
    - **Student Role:** Use beads to represent numbers and find the sum.
    - **Teacher Role:** Assist with bead counting and help with understanding the visual representation of addition.
  + **Station 3: Addition Strip Board**
    - **Materials:** Addition Strip Board, blue and red strips, addition operation cards.
    - **Student Role:** Place strips on the board to represent addends and find the sum.
    - **Teacher Role:** Ensure correct placement of strips and guide students in understanding the results.
  + **Station 4: Addition Control Chart**
    - **Materials:** Addition Control Chart, addition operation cards.
    - **Student Role:** Use the chart to find and verify sums.
    - **Teacher Role:** Demonstrate chart use and assist in interpreting results.
  + **Station 5: Addition Finger Chart**
    - **Materials:** Addition Finger Chart, addition operation cards.
    - **Student Role:** Use fingers and the chart to find sums.
    - **Teacher Role:** Guide students in using their fingers and the chart accurately.

**Turn-Taking:**

* Students rotate stations every 7 minutes, with smooth transitions managed by the teacher.

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

* Discuss the activities completed at each station and reinforce the concepts learned.

**Day 2: Monday**

**Presentation (5 minutes):**

* **Objective:** Review and reinforce the use of addition charts.
* **Activity:**
  + Review addition charts and practice with visual aids.
  + Demonstrate additional examples with manipulatives.

**Materials:**

* Addition charts.
* Number rods (1 to 10).
* Colored beads (1 to 10).
* Addition strip board.
* Addition operation cards.

**Structure:**

* **Introduction (5 minutes):** Review addition charts and their use in solving addition problems.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Addition with Number Rods**
    - **Materials:** Number rods, addition operation cards.
    - **Student Role:** Practice addition with rods.
    - **Teacher Role:** Monitor and assist with the use of rods.
  + **Station 2: Addition with Colored Beads**
    - **Materials:** Colored beads, addition operation cards.
    - **Student Role:** Use beads to solve addition problems.
    - **Teacher Role:** Support with bead counting and problem-solving.
  + **Station 3: Addition Strip Board**
    - **Materials:** Addition Strip Board, strips, addition operation cards.
    - **Student Role:** Use strips to find sums.
    - **Teacher Role:** Ensure correct use of strips and understanding of sums.
  + **Station 4: Addition Control Chart**
    - **Materials:** Addition Control Chart, addition operation cards.
    - **Student Role:** Find sums using the chart.
    - **Teacher Role:** Assist with using and interpreting the chart.
  + **Station 5: Addition Finger Chart**
    - **Materials:** Addition Finger Chart, addition operation cards.
    - **Student Role:** Use fingers and chart to determine sums.
    - **Teacher Role:** Guide students in using the finger chart.

**Turn-Taking:**

* Rotate stations every 7 minutes.

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

* Recap the activities and discuss key takeaways.

**Day 3: Tuesday**

**Presentation (5 minutes):**

* **Objective:** Reinforce addition concepts and problem-solving with addition charts.
* **Activity:**
  + Review concepts with visual aids and manipulatives.

**Materials:**

* Addition charts.
* Number rods (1 to 10).
* Colored beads (1 to 10).
* Addition operation cards.
* Addition strip board.

**Structure:**

* **Introduction (5 minutes):** Quick review and practice of addition with charts.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Addition with Number Rods**
    - **Materials:** Number rods, addition operation cards.
    - **Student Role:** Solve addition problems with rods.
    - **Teacher Role:** Provide guidance and support.
  + **Station 2: Addition with Colored Beads**
    - **Materials:** Colored beads, addition operation cards.
    - **Student Role:** Add numbers using beads.
    - **Teacher Role:** Assist with bead operations.
  + **Station 3: Addition Strip Board**
    - **Materials:** Addition Strip Board, strips, addition operation cards.
    - **Student Role:** Use strips for addition.
    - **Teacher Role:** Support and monitor usage.
  + **Station 4: Addition Control Chart**
    - **Materials:** Addition Control Chart, addition operation cards.
    - **Student Role:** Find sums using the chart.
    - **Teacher Role:** Assist with chart navigation.
  + **Station 5: Addition Finger Chart**
    - **Materials:** Addition Finger Chart, addition operation cards.
    - **Student Role:** Use fingers and chart to solve problems.
    - **Teacher Role:** Guide and support finger chart use.

**Turn-Taking:**

* Rotate stations every 7 minutes.

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

* Discuss the activities and review learning outcomes.

**Day 4: Wednesday**

**Presentation (5 minutes):**

* **Objective:** Assess and reinforce understanding of addition concepts.
* **Activity:**
  + Quick review and assessment using visual aids and oral exercises.

**Materials:**

* Addition charts.
* Number rods (1 to 10).
* Colored beads (1 to 10).
* Addition strip board.
* *Mind Buzz Math Book* with addition-related questions.

**Structure:**

* **Introduction (5 minutes):** Quick review of addition concepts.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Addition with Number Rods**
    - **Materials:** Number rods, addition operation cards.
    - **Student Role:** Use rods for addition.
    - **Teacher Role:** Monitor and support.
  + **Station 2: Addition with Colored Beads**
    - **Materials:** Colored beads, addition operation cards.
    - **Student Role:** Solve problems with beads.
    - **Teacher Role:** Assist as needed.
  + **Station 3: Addition Strip Board**
    - **Materials:** Addition Strip Board, strips.
    - **Student Role:** Use strips to solve addition problems.
    - **Teacher Role:** Ensure correct usage.
  + **Station 4: Addition Finger Chart**
    - **Materials:** Addition Control Chart.
    - **Student Role:** Use the chart to find sums.
    - **Teacher Role:** Support with chart navigation.
  + **Station 5: Student Book Work**
    - **Materials:** *Mind Buzz Math Book*, pencils.
    - **Student Role:** Complete exercises independently.
    - **Teacher Role:** Provide guidance and monitor understanding.

**Turn-Taking:**

* Rotate stations every 7 minutes.

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

* Discuss the week’s activities, review key concepts, and celebrate progress.

**Day 5: Thursday**

**Presentation (5 minutes):**

* **Objective:** Assess and reinforce understanding of addition concepts.
* **Activity:**
  + Quick review and assessment using visual aids and oral exercises.

**Materials:**

* Addition charts.
* Number rods (1 to 10).
* Colored beads (1 to 10).
* Addition strip board.
* *Mind Buzz Math Book* with addition-related questions.

**Structure:**

* **Introduction (5 minutes):** Quick review of addition concepts.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Addition with Number Rods**
    - **Materials:** Number rods, addition operation cards.
    - **Student Role:** Use rods for addition.
    - **Teacher Role:** Monitor and support.
  + **Station 2: Addition with Colored Beads**
    - **Materials:** Colored beads, addition operation cards.
    - **Student Role:** Solve problems with beads.
    - **Teacher Role:** Assist as needed.
  + **Station 3: Addition Strip Board**
    - **Materials:** Addition Strip Board, strips.
    - **Student Role:** Use strips to solve addition problems.
    - **Teacher Role:** Ensure correct usage.
  + **Station 4: Addition Finger Chart**
    - **Materials:** Addition Control Chart.
    - **Student Role:** Use the chart to find sums.
    - **Teacher Role:** Support with chart navigation.
  + **Station 5: Student Book Work**
    - **Materials:** *Mind Buzz Math Book*, pencils.
    - **Student Role:** Complete exercises independently.
    - **Teacher Role:** Provide guidance and monitor understanding.

**Turn-Taking:**

* Rotate stations every 7 minutes.

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

* Discuss the week’s activities, review key concepts, and celebrate progress.