**Chapter 1 Lesson 2: Numbers 16,17,18,19**

### Day 1: Sunday

**Presentation (5 minutes):**

* **Objective:** Introduce numbers 16 through 19.
* **Activity:**
  + Present the numbers 16 to 19 using visual aids (e.g., number flashcards).
  + Demonstrate counting from 16 to 19 using fingers.
  + Discuss different representations of these numbers (e.g., colored beads, Seguin Board, Teen Hanging Bead Frame).

**Materials:**

* Number flashcards for 16 to 19.
* Colored beads representing quantities 16 to 19.
* Seguin Board with number tiles (16 to 19) and wooden cubes.
* Teen Hanging Bead Frame with colored bead pairs (representing 16 to 19).
* Sand tray.

**Structure:**

* **Introduction (5 minutes):**
  + The teacher presents the numbers 16 to 19, explains their significance, and shows how they appear in different forms.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Colored Beads**
    - **Materials:** Colored beads for 16 to 19.
    - **Student Role:** Count and name the number of beads.
    - **Teacher Role:** Assist students in counting and naming the beads.
  + **Station 2: Seguin Board**
    - **Materials:** Seguin Board, number tiles (16 to 19), wooden cubes.
    - **Student Role:** Match number tiles to the corresponding number of wooden cubes.
    - **Teacher Role:** Guide students in arranging the numbers correctly.
  + **Station 3: Sand Tray**
    - **Materials:** Sand tray, number cards (16 to 19).
    - **Student Role:** Trace the numbers in the sand.
    - **Teacher Role:** Encourage students to trace carefully and say the number aloud.
  + **Station 4: Colored Beads and Seguin Board**
    - **Materials:** Colored beads and Seguin Board (16 to 19).
    - **Student Role:** Match the bead quantities to the corresponding numbers on the Seguin Board.
    - **Teacher Role:** Guide students in making accurate matches.
  + **Station 5: Teen Hanging Bead Frame**
    - **Materials:** Teen Hanging Bead Frame with colored bead pairs (16 to 19).
    - **Student Role:** Hang beads on the frame to represent numbers 16 to 19.
    - **Teacher Role:** Assist students in building the teen numbers correctly.

**Turn-Taking:**

* Students at each station will take turns within the 7 minutes.
* The teacher ensures smooth transitions and equitable participation.

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

* Brief discussion on the activities completed at each station.

### Day 2: Monday

**Presentation (5 minutes):**

* **Objective:** Review numbers 16 through 19.
* **Activity:**
  + Review numbers 16 to 19 using visual aids.
  + Practice counting from 16 to 19.

**Materials:**

* Number flashcards for 16 to 19.
* Colored beads representing quantities 16 to 19.
* Seguin Board with number tiles (16 to 19) and wooden cubes.
* Teen Hanging Bead Frame with colored bead pairs (representing 16 to 19).
* Sand tray.

**Structure:**

* **Introduction (5 minutes):**
  + The teacher reviews the numbers 16 to 19, reinforcing their significance.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Colored Beads**
    - **Materials:** Colored beads for 16 to 19.
    - **Student Role:** Count and name the number of beads.
    - **Teacher Role:** Assist students in counting and naming the beads.
  + **Station 2: Seguin Board**
    - **Materials:** Seguin Board, number tiles (16 to 19), wooden cubes.
    - **Student Role:** Match number tiles to the corresponding number of wooden cubes.
    - **Teacher Role:** Guide students in arranging the numbers correctly.
  + **Station 3: Sand Tray**
    - **Materials:** Sand tray, number cards (16 to 19).
    - **Student Role:** Trace the numbers in the sand.
    - **Teacher Role:** Encourage students to trace carefully and say the number aloud.
  + **Station 4: Colored Beads and Seguin Board**
    - **Materials:** Colored beads and Seguin Board (16 to 19).
    - **Student Role:** Match the bead quantities to the corresponding numbers on the Seguin Board.
    - **Teacher Role:** Guide students in making accurate matches.
  + **Station 5: Teen Hanging Bead Frame**
    - **Materials:** Teen Hanging Bead Frame with colored bead pairs (16 to 19).
    - **Student Role:** Hang beads on the frame to represent numbers 16 to 19.
    - **Teacher Role:** Assist students in building the teen numbers correctly.

**Turn-Taking:**

* Students at each station will take turns within the 7 minutes.
* The teacher ensures smooth transitions and equitable participation.

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

* Brief discussion on the activities completed at each station.

### Day 3: Tuesday

**Presentation (5 minutes):**

* **Objective:** Review numbers 16 through 19.
* **Activity:**
  + Review numbers 16 to 19 using visual aids.
  + Practice counting from 16 to 19.

**Materials:**

* Number flashcards for 16 to 19.
* Colored beads representing quantities 16 to 19.
* Seguin Board with number tiles (16 to 19) and wooden cubes.
* Teen Hanging Bead Frame with colored bead pairs (representing 16 to 19).
* Sand tray.

**Structure:**

* **Introduction (5 minutes):**
  + The teacher reviews the numbers 16 to 19, reinforcing their significance.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Colored Beads**
    - **Materials:** Colored beads for 16 to 19.
    - **Student Role:** Count and name the number of beads.
    - **Teacher Role:** Assist students in counting and naming the beads.
  + **Station 2: Seguin Board**
    - **Materials:** Seguin Board, number tiles (16 to 19), wooden cubes.
    - **Student Role:** Match number tiles to the corresponding number of wooden cubes.
    - **Teacher Role:** Guide students in arranging the numbers correctly.
  + **Station 3: Sand Tray**
    - **Materials:** Sand tray, number cards (16 to 19).
    - **Student Role:** Trace the numbers in the sand.
    - **Teacher Role:** Encourage students to trace carefully and say the number aloud.
  + **Station 4: Colored Beads and Seguin Board**
    - **Materials:** Colored beads and Seguin Board (16 to 19).
    - **Student Role:** Match the bead quantities to the corresponding numbers on the Seguin Board.
    - **Teacher Role:** Guide students in making accurate matches.
  + **Station 5: Teen Hanging Bead Frame**
    - **Materials:** Teen Hanging Bead Frame with colored bead pairs (16 to 19).
    - **Student Role:** Hang beads on the frame to represent numbers 16 to 19.
    - **Teacher Role:** Assist students in building the teen numbers correctly.

**Turn-Taking:**

* Students at each station will take turns within the 7 minutes.
* The teacher ensures smooth transitions and equitable participation.

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

* Brief discussion on the activities completed at each station.

### Day 4: Wednesday

**Presentation (5 minutes):**

* **Objective:** Strengthen understanding of numbers 16 to 19 through different hands-on activities.
* **Activity:**
  + Review the numbers using visual aids and quick oral counting exercises.

**Materials:**

* Number flashcards for 16 to 19.
* Colored beads representing quantities 16 to 19.
* Seguin Board with number tiles (16 to 19) and wooden cubes.
* Teen Hanging Bead Frame with colored bead pairs (representing 16 to 19).
* *Mind Buzz Math Book* with questions related to numbers 16 to 19.

**Structure:**

* **Introduction (5 minutes):**
  + Quick review of numbers 16 to 19 with a focus on visual and tactile recognition.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Colored Beads**
    - **Materials:** Colored beads for 16 to 19.
    - **Student Role:** Count and name the number of beads.
    - **Teacher Role:** Assist students in counting and naming the beads.
  + **Station 2: Seguin Board**
    - **Materials:** Seguin Board, number tiles (16 to 19), wooden cubes.
    - **Student Role:** Match number tiles to the corresponding number of wooden cubes.
    - **Teacher Role:** Guide students in arranging the numbers correctly.
  + **Station 3: Colored Beads and Seguin Board**
    - **Materials:** Colored beads and Seguin Board (16 to 19).
    - **Student Role:** Match the bead quantities to the corresponding numbers on the Seguin Board.
    - **Teacher Role:** Guide students in making accurate matches.
  + **Station 4: Teen Hanging Bead Frame**
    - **Materials:** Teen Hanging Bead Frame with colored bead pairs (16 to 19).
    - **Student Role:** Hang beads on the frame to represent numbers 16 to 19.
    - **Teacher Role:** Assist students in building the teen numbers correctly.
  + **Station 5: Answering Questions in the Student Book**
    - **Materials:** *Mind Buzz Math Book*, pencils.
    - **Student Role:** Complete exercises related to numbers 16 to 19.
    - **Teacher Role:** Guide students through the exercises, offering support as needed.

**Turn-Taking:**

* Students at each station will take turns within the 7 minutes.
* The teacher ensures smooth transitions and equitable participation.

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

* Brief discussion on the activities completed at each station.

### Day 5: Thursday

**Presentation (5 minutes):**

* **Objective:** Assess understanding and retention of numbers 16 to 19.
* **Activity:**
  + Quick review and assessment of numbers 16 to 19 using oral counting and visual aids.

**Materials:**

* Number flashcards for 16 to 19.
* Colored beads representing quantities 16 to 19.
* Seguin Board with number tiles (16 to 19) and wooden cubes.
* Teen Hanging Bead Frame with colored bead pairs (representing 16 to 19).
* *Mind Buzz Math Book* with questions related to numbers 16 to 19.

**Structure:**

* **Introduction (5 minutes):**
  + The teacher briefly revisits the key concepts learned throughout the week.
* **Workstation Rotations (35 minutes):**
  + **Station 1: Colored Beads**
    - **Materials:** Colored beads for 16 to 19.
    - **Student Role:** Count and name the number of beads.
    - **Teacher Role:** Assist students in counting and naming the beads.
  + **Station 2: Seguin Board**
    - **Materials:** Seguin Board, number tiles (16 to 19), wooden cubes.
    - **Student Role:** Match number tiles to the corresponding number of wooden cubes.
    - **Teacher Role:** Guide students in arranging the numbers correctly.
  + **Station 3: Colored Beads and Seguin Board**
    - **Materials:** Colored beads and Seguin Board (16 to 19).
    - **Student Role:** Match the bead quantities to the corresponding numbers on the Seguin Board.
    - **Teacher Role:** Guide students in making accurate matches.
  + **Station 4: Teen Hanging Bead Frame**
    - **Materials:** Teen Hanging Bead Frame with colored bead pairs (16 to 19).
    - **Student Role:** Hang beads on the frame to represent numbers 16 to 19.
    - **Teacher Role:** Assist students in building the teen numbers correctly.
  + **Station 5: Answering Questions in the Student Book**
    - **Materials:** *Mind Buzz Math Book*, pencils.
    - **Student Role:** Complete exercises related to numbers 16 to 19.
    - **Teacher Role:** Guide students through the exercises, offering support as needed.

**Turn-Taking:**

* Students at each station will take turns within the 7 minutes.
* The teacher ensures smooth transitions and equitable participation.

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

* Review the entire week's lessons, ensuring understanding of numbers 16 to 19.
* Conclude with a simple quiz or fun group counting activity.