

# PP2 RATIONALIZED MATHEMATICS ACTIVITIES LESSON PLANS - TERM 3

## WEEK 1

### Lesson 1

| SCHOOL | LEARNING AREA          | GRADE | ROLE | TIME |
|--------|------------------------|-------|------|------|
|        | Mathematics Activities | PP2   |      |      |

**STRAND:** NUMBERS

**SUB-STRAND:** Taking away

**SPECIFIC LEARNING OUTCOMES:** By the end of the sub-strand, the learner should be able to:

- Collect different groups of similar objects or items.
- Count objects in different sets to establish the number in each set.
- Take away fewer objects from sets not more than 9.
- Count the number of the remaining objects after taking away.
- Enjoy the activities of taking away objects and counting the remainders.

**KEY INQUIRY QUESTION(S):** 1. How many objects are in the set? 2. How many objects are left?

**LEARNING RESOURCES:**

- Longhorn Maths Activities Teacher's Guide, pages 76-79
- Counters (sticks, blocks, pebbles, bottle tops)

**ORGANISATION OF LEARNING:** Learners will work individually, in pairs, and in groups.

**INTRODUCTION** The teacher will start with a simple song about counting. Then, the teacher will show a set of 5 counters and ask the class, "How many counters do I have?" This will introduce the concept of establishing the number in a set.

**LESSON DEVELOPMENT** Learners are guided to:

**STEP 1:** In groups, collect and count different groups of similar objects (e.g., 7 leaves, 8 stones).

**STEP 2:** The teacher will demonstrate "taking away." For example, the teacher will show a set of 6 blocks, say "I have 6 blocks. I will take away 2," and then physically remove 2 blocks.

**STEP 3:** The teacher will then ask, "How many are left?" and lead the class in counting the remaining 4 blocks.

**STEP 4:** A few learners will be invited to demonstrate taking away objects from different sets (not exceeding 9).

**CONCLUSION** The teacher will summarize the process: first we count the total, then we take some away, then we count what is left. The teacher will praise their participation.

**EXTENDED ACTIVITIES** Learners to take a set of 5 spoons at home, take away 1, and tell their parents how many are left.

**REFLECTION ON THE LESSON** .....

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## Lesson 2

| SCHOOL | LEARNING AREA          | GRADE | ROLE | TIME |
|--------|------------------------|-------|------|------|
|        | Mathematics Activities | PP2   |      |      |

**STRAND:** NUMBERS

**SUB-STRAND:** Taking away

**SPECIFIC LEARNING OUTCOMES:** By the end of the sub-strand, the learner should be able to: