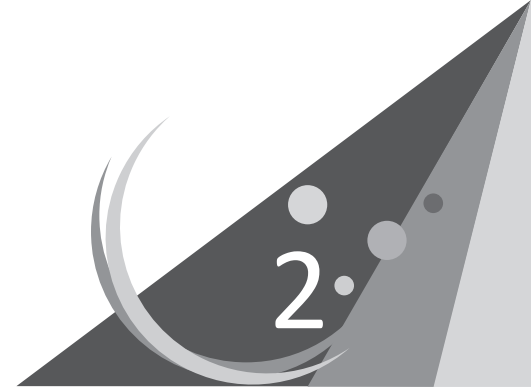# More on Addition and Subtraction

LESSON PLAN

SPECIFIC OBJECTIVES

The students will
❍ be able to do addition by regrouping tens and ones.
❍ be able to do vertical addition (without carrying).
❍ be able to do vertical addition (with carrying).
❍ apply the addition concept for handling everyday life problems.
❍ be able to do subtraction by regrouping tens and ones.
❍ be able to do vertical subtraction (without borrowing).
❍ be able to do vertical subtraction (with borrowing).
❍ understand the application of subtraction in daily life.

CONTENTS EXPLAINED INSIDE THE CHAPTER

TEACHING AIDS

Bundles of tens and few items in loose, blocks, sticker of bindis, tens and ones paper slips, few concrete objects, etc.

TEACHING STRATEGY

❍ The teacher should recall the students about simple addition sums and then, she should go through "Let us Recall".

❍ Using bundles of tens and ones, the teacher should assist the students in doing addition by regrouping tens and ones as given on page 80.

❍ Further, the teacher should move on to solving the addition of two 2-digit numbers (without carrying) on the blackboard and then go through the page 81 for providing more practice to the students.

❍ Again, the teacher should help the students in adding ones (preparing to carry) with the help of blocks and then she should move on to add a 1-digit number to a 2-digit number (with carrying) and two 2-digit numbers (with carrying). Thereafter, she should go through the pages 82–84 for text and exercises.

❍ Now, the teacher should discuss some situations from day-to-day life where addition is being used with the help of posters. Then she should go through the addition word problems given on page 85.

❍ The teacher should recall the concept of subtraction to the students that they have learnt earlier. After giving practiced examples, she should ask them to do 'Let Us Recall' exercise.

❍ Thereafter the teacher should involve the students in the subtraction by regrouping tens and ones, using bundles or stickers of bindis in tens and ones. Then she should go to the text and exercise given on page 87 for practising.

❍ Further, the teacher should move on to solving the subtraction of two 2-digit numbers (without borrowing) on the blackboard and then go through the page 88 for providing more practice to the students.

❍ Similarly, as in case of doing addition, the teacher should help the students in subtracting ones (preparing to borrow) and then she should move on to subtract a 1-digit number from a 2-digit number (with borrowing) and two 2-digit numbers (with borrowing). Thereafter, she should go through the pages 89–91 for text and exercises.

❍ Further, the teacher should discuss some events from daily life in which subtraction can be used. Then, she should go through the subtraction word problems given on page–92.

EXPECTED LEARNING OUTCOMES

Students are able to

❍ add and subtract 2-digit numbers by regrouping tens and ones.

❍ do vertical addition (without and with carrying).

❍ do vertical subtraction (without and with borrowing).

❍ tackle everyday life problems involving addition and subtraction.