

Lesson Plan

Grade: Five

Subject: Maths

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 2

Day: 1

Unit 1: Whole Numbers and Operations

Topic: Addition and Subtraction
(up to 6 digits)

Student Learning Outcomes:

- Add numbers up to 6 digits numbers.
- Solve real-life situations involving operations of addition.

Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, Wallchart of addition clue words

Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiyah".

Ask students: How are you? Encourage them to say, "Alhamdulillah".

Write two random 5-digits numbers on the board. Call one student to the board and ask him/her to add these. Also ask him/her to explain the steps of addition.

Teaching and Learning Activities:

20 mins

- Tell students today they are going to learn about the addition of numbers.
- Ask students open page 8 of their textbooks. Read the statement of the given example. Explain the statement of the example. Tell the clue words of addition by simply writing them on the board. Tell them that here we need to find the total amount that Momina had in her bank account.
- For this, first we line up the numbers, ones under ones, tens under tens, hundreds under hundreds, thousands under thousands and so on. After this, we add the same place digits together.
- Solve the example step by step.
- Tell them, when we add two or more numbers, each number is called addend. The result of addition of two or more numbers is called sum.
- Encourage them to ask questions if they want.

Review:

3mins

Recall the lesson by explaining the steps of addition of two numbers and repeating the terms associated with addition.

Evaluation: 10mins

Ask them to solve Q1 (i-iii) of Exercise 1.2 in their notebooks.

Homework: 2mins

Solve Q1 (iv-vi) and Q3 (i,iv) of Exercise 1.2 in their notebooks.

Lesson Plan

Grade: Five

Subject: Maths

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 2

Day: 2

Unit 1: Whole Numbers and Operations

Topic: Addition and Subtraction (up to 6 digits)

Student Learning Outcomes:

- Subtract numbers up to 6 digits numbers.
- Solve real-life situations involving operations of subtraction.

Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, Wallchart of subtraction clue words

Warm-up Activities:

5mins

Before beginning the lesson, ask student to say "Tasmiyah".

Ask students: How are you? Encourage them to say, "Alhamdulillah".

Read the statement of "Try Yourself" from page 9. Ask them to solve it in their notebooks. Take their responses and appreciate them. Correct them if required.

Teaching and Learning Activities:

20 mins

- Have students open page 8 of their textbooks.
- Ask them to read the statement, and tell what is given and what are have to find in the example.
- Tell them here we will have to find the difference of votes, for this we will subtract smaller number from greater number.
- Explain to them, the terms associated with these, minuend is the first number from which other number is to be subtracted.
- While the number to be subtracted, is called subtrahend.
- Now, tell students when we subtract two numbers, first we line up the numbers, ones under ones, tens under tens, hundreds under hundreds, thousands under thousands and so on. After this, we subtract the same place digits. If there is a need for regrouping, we regroup and carry forward. Solve the example step by step.
- Encourage them to ask questions if they want.
- Ask students to observe the examples on page 9 of the textbook and solve them in their notebooks. Roam around the class, check their work.

Review:

3mins

Recall the lesson by explaining the steps of subtraction of two numbers.

Evaluation:

10mins

Ask them to solve Q2 of Exercise 1.2 in their notebooks.

Homework:

2mins

Solve Q3 (ii,iii,iv) in their notebooks.

Lesson Plan

Grade: Five

Subject: Maths

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 2

Day: 3

Unit 1: Whole Numbers and Operations

Topic: Addition and Subtraction (up to 6-digits)

Student Learning Outcomes:

- Add and subtract numbers up to 6 digits numbers.
- Solve real-life situations involving operations of addition and subtraction.

Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, Worksheet

Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiyah".

Ask students: How are you? Encourage them to say, "Alhamdulillah".

Ask students: What is the greatest 5-digits and 6-digit numbers. Take their responses and appreciate them for their correct answer. Ask them to find the difference by placing them in place value chart.

Roam around the class and appreciate them for their correct answers.

Teaching and Learning Activities:

25 mins

- Tell the students today they are going to learn about to add and subtract the numbers up to 6-digits.
- Divide students into 4 groups.
- Give them blank papers and ask them to create word problems involving addition and subtraction.
- After this ask them, to exchange the papers with other groups. The groups will solve each problem step by step. When done, each group will come forward and explain the word problem and its solution.
- The group who perform best and give accurate solution will be the winner.

Review:

3mins

Recall the lesson by explaining the procedure step by step to solve addition and subtraction sums.

Evaluation:

5mins

Evaluate students understanding check their classwork.

Homework:

2mins

Solve the given worksheet at home.

Worksheet

Name: _____

Subject: Maths

Topic Name: Addition and
Subtraction (up to 6 digits)

1. Find the sum of 20192 and 487313

2. Find the difference of 679,003 and 126,307.

3. Subtract 421987 from 592323.

4. Subtract 21869 from 635192.

Lesson Plan

Grade: Five

Subject: Maths

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 2

Day: 4

Unit 1: Whole Numbers and Operations

Topic: Multiplication of Numbers upto 5-digit

Student Learning Outcomes:

- Multiply numbers up to 5 digits by 10, 100, and 1000.

Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook

Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiyah".

Ask students: How are you? Encourage them to say, "Alhamdulillah".

Ask the students to multiply the numbers:

$17 \times 10 = \underline{\quad}$, $17 \times 100 = \underline{\quad}$, $17 \times 1000 = \underline{\quad}$

Ask them: What do you notice about the above products?

Take their responses and appreciate them for their effort.

Teaching and Learning Activities:

20 mins

- Tell students today we are going to multiply 5-digit numbers by 10, 100 and 1000.
- Tell students that there are some rules to multiply numbers by 10, 100 and 1000. Explain to them that to quickly multiply a whole number by 10, we simply put a zero to the right side of the number, to multiply a whole number by 100, we simply put two zeros to the right side of the number and to multiply a number by 1000, we put three zeros to the right side of the number.
- Write some 5-digit numbers on the board and ask them to multiply (by following the rules) the given numbers are 10, 100 and 1000 in their notebooks. Roam around the class, check their work and guide them if required.

Review:

3mins

Recall the lesson by explaining the rules to multiply whole numbers by 10, 100 and 1000.

Evaluation:

10mins

Ask students Q1 of Exercise 1.3 in their notebooks. Appreciate them for their correct answers.

Homework:

2mins

Revise the classwork.

Lesson Plan

Grade: Five

Subject: Maths

Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 2

Day: 5

Unit 1: Whole Numbers and Operations

Topic: Multiplication of Numbers up to 5-digit

Student Learning Outcomes:

- Multiply numbers up to 5 digits by 10, 100, and 1000.

Resource Material:

Chalk/Marker, White/Blackboard, Two baskets, Number cards, Worksheet

Warm-up Activities:

5mins

Before beginning the lesson, ask student to say "Tasmiyah".

Ask students: How are you? Encourage them to say, "Alhamdulillah".

Ask students about the rules to multiply whole numbers by 10, 100 and 1000.

Appreciate them if they correctly respond.

Teaching and Learning Activities:

20 mins

- Put two baskets on the table. One basket will have multiple whole number cards and the other basket will have 3 cards with " $\underline{\quad} \times 10$ ", " $\underline{\quad} \times 100$ ", and " $\underline{\quad} \times 1000$ ". Call students one by one and ask them to pick one card from each basket randomly. For example, he/she picks the card with the number 26 from one basket and " $\times 100$ " from the other basket. He/she will have to quickly multiply 26 by 100 by recalling the rules and will write the answer "2600" on the board. The remaining students will check if the answer is correct or not. Repeat this activity till all students have their turns.

Review:

3mins

Recall the lesson by explaining the rules to multiply whole numbers by 10, 100 and 1000.

Evaluation:

10mins

Write a whole number on the board and ask students to multiply that number by 10, 100 and 1000 in their notebooks. Appreciate them if they correctly respond.

Homework:

2mins

Solve the given worksheet at home.

Worksheet

Name: _____

Subject: Maths

Topic Name: Multiplication
of Numbers up to 5-digit

1. Multiply the following.

$$84,221 \times 10 =$$

$$3451 \times 100 =$$

$$32000 \times 1000 =$$

2. Let's multiply 85,365 by 1000.

Lesson Plan

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Term: 1st

Time: 40mins

Teacher's Name: _____

Week: 2

Day: 6

Unit 1: Whole Numbers and Operations

Topic: Multiplication of Numbers up to 5 digits

Student Learning Outcomes:

- Multiply numbers up to 5 digits by a number up to 3 digits.
- Solve real-life situations involving operations of multiplication.

Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook, pages 7 and 10, multiplication clue words wallchart

Warm-up Activities:

5mins

Before beginning the lesson, ask students to say "Tasmiyah".

Ask students: How are you? Encourage them to say, "Alhamdulillah".

Write two 2-digit numbers and two 3-digit numbers on the board. Call a random student and ask him/her to select any two numbers from the numbers written and multiply them on the board. Encourage students to explain the steps of multiplication.

Teaching and Learning Activities:

30 mins

- Have students open page 11 of their textbooks. Read the statement of the given example 1. Explain the statement of the example. Tell them the clue words by pasting the wallchart of multiplication clue words. Tell them that here we need to find the total number of melons. For this, we need to multiply 64135 by 125. Label the multiplicand, multiplier and product as well.
- Tell them that the multiplication steps are the same as we did in the previous grade, just be careful with the digits.
- First, multiply the number 64135 by each digit of the number 125 separately and then add the results. Similarly, write two any other numbers and multiply them on the board by explaining each step. Encourage them to ask questions if they want.

$$\begin{array}{r} 64135 \\ \times 125 \\ \hline 320675 \leftarrow [64135 \times 5] \\ 1282700 \leftarrow [64135 \times 2] \\ +6413500 \leftarrow [64135 \times 1] \\ \hline 8016875 \end{array}$$

Review: 3mins

Recall the lesson by explaining the terms related to multiplication.

Evaluation: 0mins

Ask them to solve Exercise 1.3 (Q3 i-iii) in their notebooks. Appreciate them for their correct answers.

Homework: 2mins

Solve Q 3 (iv – vi) in their notebooks.