

Lesson Plan

Grade: Three

Subject: Maths

Term: 1st

Time: 40min

Teacher's Name: _____

Week: 9

Day: 1

Unit 2: Number Operations (Multiplication)

Topic: Multiplication of 2-digit Numbers by 1-digit number

Student Learning Outcomes:

- Multiply 2-digit numbers by 1-digit numbers.

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 to multiply 2-digit number with 1-digit number. Write numbers on board and call random students to come to board and solve. Appreciate them for their good response.

Teaching and Learning Activities:

20mins

- Have students open their page 50 and instruct them to solve Q1 by completing the circles. Tell them to solve this circle as they have learnt tables of 7 and 8. Roam around the class and guide them if needed.
- Now write the statement "There are 8 oranges in one basket. How many oranges are in 11 baskets?" on the board. Ask students to read the statement of the question and tell what we have to find in this example. Take their responses and tell them that we have to find the number of apples in 11 baskets. Call a student to the front of the class and ask him/her to multiply 11 by 8 on the board step by step. Ask the rest of the class to check their work and guide if required. Appreciate him/her for their good effort.

Review:

3mins

- Recall the lesson and tell students how to multiply of 2-digit numbers and 1-digit numbers.

Evaluation:

10mins

- To check the understanding of students, ask them to solve Q(vii-xii) of Exercise 2.11.

Homework:

2mins

Solve the given worksheet.

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Time: 40min

Teacher's Name: _____

Week: 9

Day: 2

Unit 2: Number Operations (Multiplication)

Topic: Multiply a Number by zero (0)

Student Learning Outcomes:

- Multiply a number by 0 and 1.

Resource Material:

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

Warm-up Activities:

5mins

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

Ask students about their homework. Ask them to multiply 23 by 6 in their notebooks. Take a round, check their work.

Teaching and Learning Activities:

20mins

- Tell students that they are going to multiply numbers by 0.
- Put 2 baskets on the table. Ask students to tell how many baskets are on the table. Take their responses and appreciate them for their correct answer that is 2. Now ask them how many apples there are in the two baskets. Take their responses and tell them that there are 0 apples in the baskets. Tell them that there are 2 baskets and there are 0 apples in it. So, 2 times 0 is 0 or $2 \times 0 = 0$.
- Tell them that when we multiply a number by zero, the result is always zero (0).
- Have them open their textbook page 52 and instruct them to observe the example.

Review:

3mins

- Tell the students when we multiply numbers by 0 it means that we are multiplying it by nothing. So, the result is zero.

Evaluation:

10mins

- To check the understanding of the students, ask them to solve exercise 2.12 Q (i – v).

Homework:

2mins

Solve Q (i-v) of Exercise 2.12.

Lesson Plan

Grade: Three

Subject: Maths

Term: 1st

Time: 40min

Teacher's Name: _____

Week: 9

Day: 3

Unit 2: Number Operations
(Multiplication)

Topic: Multiplying a number by One (1)

Student Learning Outcomes:

- Multiply a number by 0 and 1.

Resource Material:

Chalk/Marker, White/Blackboard, Textbook, Worksheet, Disposable glass

Warm-up Activities:

5mins

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

- Ask students what is result, when we multiply a number by zero. Write some 2-digit numbers and 0 on the board. Call random students and ask them to solve.

Teaching and Learning Activities:

20 mins

- Tell the students they are going to multiply a number by 1.
- Take three disposable glass and put them on table in front of class. Now put 1 eraser in each of the glass and ask students how many erasers are in glasses. There should be 3. Tell them that there are 3 glasses and in each glass there is 1 eraser so $3 \times 1 = 3$.
- Ask them to open their textbook page 53 and observe the example.

Review:

3mins

- Recall the lesson by telling students that when we multiply a number by 1 then the result is the number itself.

Evaluation:

10mins

- To evaluate the students understanding ask them to solve exercise 2.13 and check their work.

Homework:

2mins

Solve the given worksheet.

Worksheet

Name: _____

Subject: Maths

Topic Name: Multiplying a number by One (1)

1. Solve these:

$$\begin{array}{r} 15 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 1 \\ \hline \end{array}$$

Lesson Plan

Grade: Three

Subject: Maths

Term: 1st

Time: 40min

Teacher's Name: _____

Week: 9

Day: 4

Unit 2: Number Operations
(Multiplication)

Topic: Multiplication of Numbers
using Mental strategies

Student Learning Outcomes:

- Apply mental mathematical strategies to multiply 1-digit numbers to 1-digit numbers.

Resource Material:

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

Warm-up Activities:

5mins

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

Ask students: When we multiply a number by 0 or 1 what we get? Take their responses and appreciate if someone gives the right answer.

Teaching and learning Activities:

20 mins

- Tell students that they are going to learn how to multiply 1-digit numbers mentally.
- Write two numbers 3 and 7 on the board. Tell students that now we will multiply 3 and 7 mentally. Ask them to recall the multiplication table of 3 till 7 which is $3 \times 7 = 21$. So, when we multiply 3 by 7, we get 21.
- Now call a student to the front of the class and ask him/her to write any two 1-digit numbers on the board and then by recalling the multiplication table of those numbers multiply and write the answer. Repeat this activity with every student in the class. Discuss with them their common mistakes.

Review:

3mins

- Sum up the lesson by retelling students that when we multiply numbers mentally, we recall the multiplication tables.

Evaluation:

10mins

- To check the understanding of students, ask them to solve Exercise 2.14. Check their work and guide if needed.

Homework:

2mins

Solve the given worksheet.

Worksheet

Name: _____

Subject: Maths

Topic Name: Multiplication of Numbers using Mental strategies

1. Multiply the following by using mental strategy of tables.

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

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Time: 40min

Teacher's Name: _____

Week: 9

Day: 5

Unit 2: Number Operations

Topic Name: Multiplication by Mental Strategies

Student Learning Outcomes:

- Apply mental mathematical strategies to multiply 1-digit numbers to 1-digit numbers.

Resource Material:

Chalk/Marker, White/Blackboard, Maths textbook, Number cards, Worksheet.

Warm-up Activities:

5mins

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

Ask students: Do you know how to multiply 1-digit numbers mentally? Take their responses and appreciate if someone gives the right answer.

Teaching and Learning Activities:

20 mins

- Tell students that they are going to learn how to multiply 1-digit numbers mentally.
- Make pairs of students. Put 1-digit number cards on the table. Call a student to the front of the class and ask him/her to choose two card of your own choice and then write that numbers on the board. Then ask them to recall the table of one of the number and then multiply mentally and write the answer. Check their work and appreciate them for their good wok. Now repeat this activity to all students of the class randomly calling them to the front of the class.

Review:

3mins

- Sum up the lesson by retelling students that when we multiply numbers mentally, we recall the multiplication tables.

Evaluation:

10mins

- To check the understanding of students, ask them to solve 1-digit numbers in their notebooks.

Homework:

2mins

Solve the given worksheet.

Worksheet

Name: _____

Subject: Maths

Topic Name: Multiplication
by Mental Strategies

1. Multiply by using mental strategy.

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

Lesson Plan

Grade: Three

Subject: Maths

Term: 1st

Time: 40min

Teacher's Name: _____

Week: 9

Day: 6

Unit 2: Number Operations (Addition)

Topic: Revision

Student Learning Outcomes:

- Add numbers up to 100 using mental calculations strategies.
- Solve real-life numbers stories up to 4-digit with and without carrying involving addition.

Resource Material:

Worksheet

Teaching and Learning Activities:

10 mins

- Before beginning the lesson, ask students to say "Tasmiyah".
- Tell the students that they are going to revise and practice the unit by solving a worksheet.
- Ask them a few questions about addition. Give the worksheet to the students and instruct them to complete the worksheet on time. Guide them to solve the worksheet.

Review:

10mins

- Check the worksheet, in front of the students. And correct their mistakes.

Evaluation:

0min

N/A

Homework:

0min

N/A

Name: _____

Subject: Maths

Topic Name: Revision

1. Add mentally.

$34 + 52$

=

$37 + 61$

=

2. Add the following.

(a) Ali has donated Rs. 7438 to a charity in month of June and Rs. 9783 in the month of July. Find the total amount he donated.

(b) There are 3147 girls and 4237 boys in a school. Find the how many girls and boys are altogether.