# Lesson Plan

| **Grade:** Five | **Subject:** Math | **Term:** 2<sup>nd</sup> | **Time:** 40mins |
|---|---|---|---|

| **Teacher's Name:** _____ | **Week:** 9 | **Day:** 1 |
|---|---|---|

| **Unit 6:** Unitary Method | **Topic name:** Unitary Method |
|---|---|

## Student Learning Outcomes:

- Calculate the value of many objects of the same kind when the value of one of these objects is given.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:                                                                    5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: If you buy a pencil for Rs 10, then what is the cost of 10 such pencils?
- Take their responses and appreciate if someone gives the right answer.

## Teaching and Learning Activities:                                          20mins

- Tell students today they are going to learn about unitary method.
- Tell them unitary is derived from word unit which means one.
- Tell them unitary method is a method to find the value/cost of one or more than one object is given.
- Write statement on the board "The price of one pencil is Rs 15. What will be the price of 12 pencils?" Tell students to find the price of 12 pencils, we will multiply 12 with 15.

$$12 \times 15 = 180$$

So, the price of 12 pencils is Rs 180.

## Review:                                                                                         3mins

Retell students how to find the value of many objects when the value of one item is given. Value of many items = Value of 1 item x Number of many items.

## Evaluation:                                                                                  10mins

To assess the students learning, ask them to solve Q1,2 of Exercise 6.1 in their notebooks.

## Homework:                                                                                    2mins

Solve Q3,4 of Exercise 6.1 in their notebooks.

# Lesson Plan

| **Grade:** Five | **Subject:** Math | **Term:** 2nd | **Time:** 40mins |

| **Teacher's Name:** _____ | **Week:** 9 | **Day:** 2 |

| **Unit 6:** Unitary Method | **Topic name:** Unitary Method |

## Student Learning Outcomes:
- Calculate the value of many objects of the same kind when the value of one of these objects is given.

## Resource Material:
Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:                                                                  5mins
- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students about their homework. Ask students: What is meant by unitary method? Take their responses.

## Teaching and Learning Activities:                                          20mins
- Instruct students to work in pairs. Ask them to write the word problem related to find the value of multiple items when the value of one item is given.
- Roam around the class and check their work. Instruct them to raise their hands when finished.
- Now call one pair to the front of the class and ask them to present their work to the whole class.
- Ask them to write the statement on the board and explain each step to the whole class.
- Instruct the rest of the class to check their work and correct if needed. Repeat this activity with each pair of the class.

## Review:                                                                                        3mins
Revise the lesson and tell students we can get the value of many items by multiplying the value of one item with the number of items.

## Evaluation:                                                                                  10mins
To assess the students learning, ask them to solve Q4 and Q5 of Exercise 6.1 in their notebooks.

## Homework:                                                                                    2mins
Solve Q6 of Exercise 6.1 in their notebooks.

# Lesson Plan

| **Grade:** Five | **Subject:** Math | **Term:** 2ⁿᵈ | **Time:** 40mins |

| **Teacher's Name:** _____ | **Week:** 9 | **Day:** 3 |

| **Unit 6:** Unitary Method | **Topic name:** Unitary method |

## Student Learning Outcomes:

- Calculate the value of one object of the same kind when the value of many of these objects is given.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:                                                          5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: How we can find the price of many objects when the value of one object is given? Take their responses and call a student to the front of the class and ask him/her to write the formula to find the value of many objects when the value of 1 object is given.
- Take his/her response and appreciate them for their good work.

## Teaching and Learning Activities:                                    25mins

- Tell students today we are going to learn about finding the value of one object when the value of a number of objects is given.
- Write the statement: "Huma bought 12 dozen of oranges from fruit seller for Rs. 1248. What will be price of 1 dozen oranges? Instruct them to read the statement and tell what is given and what we have to find. Take their responses and tell them we have to find the price of one dozen oranges.
- Tell students to find the number of days, we divide the total price by the 12 number. Solve the example step by step on the board and explain each step to students.
- Write the formula on the board and explain to students the formula that is used to find the value of many items:
    **Value of one item = Value of many items ÷ number of items**

## Review:                                                                            3mins

Retell students how we can find the value of one object when the value of a number of objects is given.

## Evaluation:                                                                       5mins

To check the students learning, ask them to solve Q1 of Exercise 6.2 in their notebooks.

## Homework:                                                                        2mins

Solve Q2 of Exercise 6.2 in their notebooks.

# Lesson Plan

| **Grade:** Five | **Subject:** Math | **Term:** 2$^{nd}$ | **Time:** 40mins |
|---|---|---|---|

| **Teacher's Name:** _____ | **Week:** 9 | **Day:** 4 |
|---|---|---|

| **Unit 6:** Unitary Method | **Topic name:** Unitary Method |
|---|---|

## Student Learning Outcomes:

- Calculate the value of one object of the same kind when the value of many of these objects is given.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:                                                                5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: How can we find the value of one item when the value of many items is given?
- Take their responses and appreciate them for their correct response.

## Teaching and learning Activities:                                     25mins

- Instruct students to work in pairs.
- Ask them to write the word problem related to find the value of one item when the value of multiple items is given.
- Roam around the class and check their work. Instruct them to raise their hands when finished. Now call one pair of students to the front of the class and ask them to present their work to the whole class.
- Ask them to write the statement on the board and explain each step to the whole class.
- Instruct the rest of the class to check their work and correct if needed. Repeat this activity with each pair of the class.

## Review:                                                                                       3mins

Revise the lesson by telling students we can get the value of one item by dividing the value of many items by the number of items.

## Evaluation:                                                                               5mins

To evaluate the students learning, ask them to solve Q3 of Exercise 6.2 in their notebooks.

## Homework:                                                                               2mins

Solve Q4 of Exercise 6.2 in their notebooks.

# Lesson Plan

| **Grade:** Five | **Subject:** Math | **Term:** 2nd | **Time:** 40mins |

| **Teacher's Name:** _____ | **Week:** 9 | **Day:** 5 |

| **Unit 6:** Unitary Method | **Topic name:** Unitary Method |

## Student Learning Outcomes:
- Calculate the value of many objects of the same kind when the value of some of these is given.

## Resource Material:
Chalk/Marker, White/Blackboard, Math textbook

## Warm-up Activities:                                                    5mins
- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: How can we find the value of one object when the value of different number of objects is given?"
- Take their responses that must be by dividing the value of many items by the number of items.

## Teaching and Learning Activities:                                      20mins
- Tell students today we are going to learn about finding the value of different number of objects when the value of a different number of objects is given.
- Write the statement: The cost of 7 books of same kind is Rs. 3,780. What will be the cost of 12 such books? Instruct them to read the statement and take their responses.
- Tell them the cost of 7 books is Rs 3,780. To find 12 such books first find the 1 book price.
  Price of books = Rs 3,780
  Price of 1 book = Rs 3,780 ÷ 7 = Rs 540
  Price of 12 books = Rs 540 x 12 = Rs 6480

## Review:                                                                 3mins
Revise the lesson by explaining to students the steps to find the value of different objects when the value of different number of objects is given.

## Evaluation:                                                            10min
To assess the students learning, ask them to solve Q1 and Q2 of Exercise 6.3 in their notebooks.

## Homework:                                                               2mins
Solve Q3 of Exercise 6.3 in their notebooks.

# Lesson Plan

| **Grade:** Five | **Subject:** Math | **Term:** 2ⁿᵈ | **Time:** 40mins |
|---|---|---|---|

| **Teacher's Name:** _____ | **Week:** 9 | **Day:** 6 |
|---|---|---|

| **Unit 6:** Unitary Method | **Topic name:** Unitary Method |
|---|---|

## Student Learning Outcomes:

- Calculate the value of many objects of the same kind when the value of some of these is given.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:                                                                        5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: How can we find the value of one item when the value of a number of items is given?
- Take their responses and appreciate them for their correct answer.

## Teaching and Learning Activities:                                                20mins

- Instruct students to work in pairs.
- Ask them to write the word problem related to finding the value of multiple items when the value of different number of objects is given.
- Roam around the class and check their work. Instruct them to raise their hands when finished. Now call one pair of students to the front of the class and ask them to present their work to the whole class.
- Ask them to write the statement on the board and explain each step to the whole class. Instruct the rest of the class to check their work and correct if needed.
- Repeat this activity with each pair of the class.

## Review:                                                                                          3mins

Retell students to find the value of multiple items, first we find the value of one item by dividing and then we find the value of a different number of items by multiplying.

## Evaluation:                                                                                      10min

To check the students learning, ask them to solve Q4 of Exercise 6.3 in their notebooks.

## Homework:                                                                                        2min

Solve Q5 and Q6 of Exercise 6.3 in their notebooks.