

# Lesson Plan

Grade: Four

Subject: Maths

Term: 1st

Time: 40min

Teacher's Name: \_\_\_\_\_

Week : 2

Day: 1

Unit 1: Whole Numbers and Operations

Topic : Comparing and Ordering Numbers

## Student Learning Outcomes:

- Compare and order numbers up to 5 digits.

## Resource Material:

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

## Warm-up Activities:

5min

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

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

Ask students: What is the smallest 4-digit number? What is the greatest 4-digit number? Take their responses and appreciate them for their correct answers.

## Teaching and Learning Activities:

20 min

- Have students open page 7 of their textbooks. Read the statement of the given examples.
- Ask students to read the statement and tell what is given in the questions and what we have to find.
- Explain the statement of the example.
- In example distance from Pakistan to U.S and Canada is given. That is 12,346km and 10,381 km respectively.
- Tell them to compare the distances of both countries from Pakistan. We write the place value chart.
- To compare the digits at ten thousand place both are same '1'. Now compare the digits at thousands place, that is 2, which is greater than 0. So, 30,12,346 is greater than 10,381.
- Thus the distance of U.S is greater than Canada from Pakistan.
- Ask students to write any two numbers in their notebooks and compare it. And tell which one greater and which one is smaller. Roam around and check their work and guide them if required.

## Review:

3min

Recall the lesson by explaining the steps of comparing numbers.

Evaluation:

10min

To check the students understanding write the two numbers 45,234 and 45,234 on the board. Ask students: Why are these two numbers equal? Explain by comparing the digits using a place value chart.

Homework:

2min

Solve the given worksheet.

### Worksheet

Name: \_\_\_\_\_

Subject: Maths

Topic Name: Comparing and Ordering Numbers

1. Compare and write  $<$ ,  $>$  or  $=$

92,102 \_\_\_\_\_ 93,102

19,437 \_\_\_\_\_ 28,437

22,345 \_\_\_\_\_ 31,134

56,631 \_\_\_\_\_ 56,631

72,838 \_\_\_\_\_ 2,838

2. Show the given numbers in a place value chart and then compare and tell which one is greater.

a) 34,501,24,872

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# Lesson Plan

Grade: Four

Subject: Maths

Term: 1st

Time: 40min

Teacher's Name: \_\_\_\_\_

Week : 2

Day: 2

Unit 1: Whole Numbers and Operations

Topic : Comparing and Ordering Numbers

## Student Learning Outcomes:

- Compare and order numbers up to 5 digits.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook

## Warm-up Activities:

5min

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

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

Ask students: How can we compare numbers? Take their responses and appreciate them if someone gives the right answer. Ask them to read the "Point to Remember" given at page 7.

## Teaching and Learning Activities:

20 min

- Tell the students today they are going to compare and ordering the numbers.
- Write a 5-digits numbers on the board.
- Call a student to the front of the class and ask him/her tell which number is smaller and which one is greater.
- Take his/her response and tell them the numbers with less digits is always smaller than the numbers that has more digits. So, a 4-digit number is always smaller than a 5-digits numbers.
- Have students open page 7 of their textbooks. Ask them to read the statement of example 2, compare the numbers and tell which one is smaller and which one is greater.
- Write two 5-digits numbers on the board and ask them to show these numbers in a place value chart by drawing a place value chart in their notebooks. Then, compare the numbers and tell which one is greater and which one smaller.
- Roam around the class, check their work and guide them if needed.

## Review:

3min

Sum up the lesson by explaining to students that the number with less number of digits is always smaller than the number with more digits.

Evaluation:

10min

Ask them to write two 5-digits numbers in their notebooks. Instruct them to compare the numbers by drawing a place value table in their notebooks.

Homework:

2min

Solve Q1 exercise 1.2 at page 8.

# Lesson Plan

Grade: Four

Subject: Maths

Term: 1st

Time: 40min

Teacher's Name: \_\_\_\_\_

Week : 2

Day: 3

Unit 1: Whole Numbers and Operations

Topic : Comparing and Ordering Numbers

## Student Learning Outcomes:

- Compare and order numbers up to 5 digits.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook

## Warm-up Activities:

5min

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

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

Ask students: Can you tell how we can compare two numbers? Take their responses and appreciate them.

## Teaching and Learning Activities:

25 min

- Tell the students today they are going to comparing and order the numbers.
- Have students open their textbooks to page 7. Ask them to read the statement of last two lines.
- Tell the students to look at the given numbers. First, we compare the numbers and find the number which is greatest and the numbers which is smallest. Then, we arrange these numbers in ascending order.
- Tell them that to compare and order these numbers in ascending order, we have to show these in a place value table and then start comparing the digits from the right.
- Call a student to the front of the class and ask him/her to draw a place value table on the board and show these values in the table.
- Ask them: Do you know what is meant by ascending order? Take their response and tell them that to arrange numbers from smallest to greatest value is called ascending order.
- Then instruct them to compare and order these values in ascending order.
- Check their work and guide if required.

## Review:

3min

Recall the lesson by explaining to students how we can numbers are arranged in ascending order.

Evaluation:

5min

To assess the students learning, ask them to write any three 5-digits numbers, arrange them in ascending order. Check their work and guide them if needed.

Homework:

2min

Solve Q2 (i,ii,iii) of exercise 1.2 in their notebooks.

# Lesson Plan

Grade: Four

Subject: Maths

Term: 1st

Time: 40min

Teacher's Name: \_\_\_\_\_

Week : 2

Day: 4

Unit 1: Whole Numbers and Operations

Topic : Comparing and Ordering Numbers

## Student Learning Outcomes:

- Compare and order numbers up to 5 digits.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook

## Warm-up Activities:

5min

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

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

Ask students: How we can compare two numbers? What is ascending order? Take their responses Appreciate them.

## Teaching and Learning Activities:

20min

- Tell students today they are going to understanding the concept of descending order.
- Write three 5-digits numbers on the board. Call a student to the front of the class and ask him/her to draw a place table and show these numbers in it. Ask students to compare the numbers.
- Take their responses.
- Ask student: Do you know what the order is when we arrange the number from greatest to smallest? Take their responses and appreciate them for their correct answer.
- Then tell them that when we arrange numbers from greatest order to smallest order, it is called descending order
- Have students open their textbooks to page 8.
- Ask them to arrange the numbers given in the example in descending order.
- Roam around the class, check their work and guide them if needed.

## Review:

3min

Recall the concept by explaining to students when we compare and order numbers from greatest to smallest, then that arrangement of numbers is called descending order.

Evaluation:

10min

To assess the students learning, ask them to solve Q 2 of Exercise 1.2 in their notebooks. Check their work and guide them if needed.

Homework:

2min

Solve the worksheet.

### Worksheet

Name: \_\_\_\_\_

Subject: Maths

Topic Name: Comparing and Ordering Numbers

1. Arrange the given numbers in descending order.

1.	72640; 54,390 ; 84,375; 62,100

2.	13,141; 12,002 ; 11,185, 12,382

Descending Order:

3.	31,041 ; 32,042 ; 34; 042 ; 30,111

4.	10,342 ; 53,120; 7; 432; 15,20

# Lesson Plan

Grade: Four

Subject: Maths

Term: 1st

Time: 40min

Teacher's Name: \_\_\_\_\_

Week : 2

Day: 5

Unit 1: Whole Numbers and Operations

Topic : Comparing and Ordering Numbers

## Student Learning Outcomes:

- Compare and order numbers up to 5 digits.

## Resource Material:

Chalk/Marker, White/Blackboard, Number cards, Maths Textbook

## Warm-up Activities:

5min

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

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

Ask students: Can you tell how we can compare two numbers? How can we order numbers? Take their responses and encourage them.

## Teaching and Learning Activities:

20min

- Make small groups of students according to their strength and give each group number cards of 5-digits numbers.
- Ask them to observe the number cards that each one of them holds, compare and arrange themselves from smallest to greatest number.
- Instruct each group to arrange themselves in ascending order and come one by one to the front of the class and show their number cards.
- Ask the rest of the class to check if they arranged themselves in the correct order.
- Repeat this activity by asking them to arrange themselves in descending order and show this arrangement to the class.

## Review:

3min

Sum up the lesson by explaining to students about ascending and descending order. The arrangement of numbers from smallest to greatest is ascending order and from greatest to smallest is the descending order

## Evaluation:

10min

To evaluate the students understanding.

Write Q of exercise 1.2 and solve in their notebooks. Check their work and guide them if needed.

## Homework:

2min

Revise the classwork.

# Lesson Plan

Grade: Four

Subject: Maths

Term: 1st

Time: 40min

Teacher's Name: \_\_\_\_\_

Week : 2

Day: 6

Unit 1: Whole Numbers and Operations

Topic : Summary and Revise Exercise

## Student Learning Outcomes:

- Recall the concepts of the unit whole numbers.

## Resource Material:

Chalk/Marker, White/Blackboard, Maths Textbook.

## Warm-up Activities:

5min

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

Ask students: What is a place value of each digit in a number? What is greatest 6-digits numbers.

How can we write numbers in standard form?

## Teaching and Learning Activities:

30min

- Explain to the students that today they are going to revise the whole unit 'Whole Numbers'.
- What is expanded form of numbers?
- How to write standard form of numbers?
- Now ask students to open their textbook page 9 and ask them to solve Q 1,2,3, and 4, of review exercise.
- Walk around the class and praise them for correct solutions.
- Guide them if required.

## Review:

3min

Sum up the lesson by repeating the key points given in summary.

## Evaluation:

0min

N/A

## Homework:

2min

Solve Q 5 of review exercise in their textbook.