

# Lesson Plan

Grade: Five

Subject: Math

Term: 2<sup>nd</sup>

Time: 40mins

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

Week: 1

Day: 1

Unit 4: Decimal Numbers and Percentages

Topic: Comparing decimals

## Student Learning Outcomes:

- Compare numbers up to 3 digits with 2 decimal places using the signs  $<$ ,  $>$  or  $=$ .

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Tell them that today we are going to compare decimal numbers. Ask them: Do you know how we can compare decimal numbers?
- Take their responses and appreciate if someone gives the right answer.

## Teaching and Learning Activities:

25mins

- Have students open their textbooks to page 42. Ask them to read the statement of the example given and tell what is given and what we have to find.
- Take their responses and tell them that Amna and Fauzia complete the race in 1.56 and 1.51 minutes and we have to find who took more time.
- For this we, have to compare 1.56 m and 1.51 m. Tell them that we can compare decimal numbers by placing numbers in a place value chart. Draw a place value chart on the board and write the decimal numbers in the chart.
- Tell them that we start comparing numbers from left. Look at the number at the ones place they are the same. Now we compare the numbers at the tenths place, they are same too. Now we compare the numbers in hundredth place. The digit 6 is greater than 1.  
So, 1.56 is greater than 1.51. Therefore, Amna took more time.
- Ask them to write two decimal numbers in their notebooks and then compare them by placing them in a place value chart.

## Review:

3mins

Revise the lesson by explaining to students that to compare two decimal numbers, start comparing the digits from the left.

## Evaluation:

5min

To assess the students learning, ask them to solve Q1 (i, iii) of Exercise 4.1 in their textbooks.

## Homework:

2min

Solve Q (iv - vi) of Exercise 4.1 in their textbooks.

# Lesson Plan

Grade: Five

Subject: Math

Term: 2<sup>nd</sup>

Time: 40mins

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

Week: 1

Day: 2

Unit 4: Decimal Numbers and Percentages

Topic: Comparing decimals

## Student Learning Outcomes:

- Compare numbers up to 3 digits with 2 decimal places using the signs  $<$ ,  $>$  or  $=$ .

## 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. Now ask them: When we compare decimal numbers, from where we start to compare?
- Take their responses and appreciate them for their correct answers.

## Teaching and Learning Activities:

25mins

- Tell students today they are going to practice that how to compare decimals.
- Make group of students to the front of the class. Ask them to write two decimal numbers (3 digits up to 2 decimal place) on the board. Then show the decimal numbers in a place value chart.
- Instruct them to compare the numbers and tell which is greater. Ask the rest of the class to check their work and correct if needed.
- Appreciate them for their good effort. Now repeat the same activity to every group of the class.

## Review:

3mins

Sum up the lesson by explaining to students that we can compare numbers by showing the decimal numbers in a place value chart, starting from the left.

## Evaluation:

5min

To check their understanding, ask them to solve Q1 (vii – ix) of Exercise 4.1 in their textbooks.

## Homework:

2min

Revise the classwork.

# Lesson Plan

Grade: Five

Subject: Math

Term: 2<sup>nd</sup>

Time: 40mins

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

Week: 1

Day: 3

Unit 4: Decimal Numbers and Percentages

Topic: Arranging Decimals

## Student Learning Outcomes:

- Arrange numbers up to 3-digit numbers with 2 decimal places in ascending and descending order.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students: Do you know how we can compare two decimal numbers?
- Write two decimal numbers on the board and ask them to compare and tell which one is greater and which one is smaller? Take their responses and appreciate them.

## Teaching and Learning Activities:

25mins

- Write statement on the board.
- Haris's dog is 5.64 years old and his cat is 3.26 years old. How much older is his dog than his cat? To compare their ages, we use place value chart.
- Explain students, we compare the digits starting from left. The digit 5 in one's place is greater than 3 and 1, 80, 5.46 is greater than 3.26.  
Hence,  $5.46 > 3.26$

## Review:

3mins

Revise the lesson by telling students how can we arrange the decimal numbers in ascending and descending order by placing numbers in place value chart.

## Evaluation:

5mins

To assess the learning of the students ask them to solve Q2 (i – iii) of Exercise 4.1 in their notebooks.

## Homework:

2mins

Solve Q1 (iv – vi) of Exercise 4.1 in their notebooks.

# Lesson Plan

Grade: Five

Subject: Math

Term: 2<sup>nd</sup>

Time: 40mins

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

Week: 1

Day: 4

Unit 4: Decimal Numbers and Percentages

Topic: Arranging Decimals

## Student Learning Outcomes:

- Arrange numbers up to 3-digit numbers with 2 decimal places in ascending and descending order.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask them about their homework. Ask students to tell: what is meant by ascending order of decimals? What is meant by descending order of decimal numbers?
- Take their responses and appreciate them for their correct answer.

## Teaching and Learning Activities:

25mins

- Instruct students to work in pairs.
- Ask them to write any four to five decimal numbers up to 2-decimal places in their notebooks and then arrange these numbers in ascending and descending order.
- Roam around the class and check their working.
- Instruct them to raise hand when finished. Now call one pair of students to the front of the class and instruct them to write their decimal numbers in ascending and descending order on the board and ask the rest of the class to check and correct if needed.
- Repeat this activity to other pair of the class. Appreciate them for their correct answer and discuss with them about their common mistakes.

## Review:

3mins

Sum up the lesson by re-telling the students about arrangement of ascending and descending order by solving examples on the board.

## Evaluation:

5mins

To assess the students ask them to solve Q3 (i-iii) of Exercise 4.1 in their textbooks.

## Homework:

2mins

Solve Q3 (iv-vi) of Exercise 4.1 in their textbooks.

# Lesson Plan

Grade: Five

Subject: Math

Term: 2<sup>nd</sup>

Time: 40mins

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

Week: 1

Day: 5

Unit 4: Decimal Numbers and Percentages

Topic: Addition of Decimals

## Student Learning Outcomes:

- Add 4-digit numbers up to 3-decimal places.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook

## Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Write three decimal numbers on the board and ask them to arrange these decimal numbers to ascending and descending order.
- Take their responses and appreciate them for their active participation.

## Teaching and Learning Activities:

25mins

- Ask students to read the statement of the example "Hamid bought 2.15 kg of red apples and 1.74 kg of green apples. How much quantity of both apples did he buy?". Now ask them what is given and what we have to find.
- Take their responses and tell them that quantity of apples, that Hamid bought is given, and we have to find the quantity of total apples that he buys.
- Tell them that to add the decimal numbers we follow some steps. To add decimal numbers, first write the numbers vertically and align the decimal point and then add the decimal numbers as we add the whole numbers just place the decimal point below the decimal point.
- Now arrange the decimal numbers 2.15 and 1.74 vertically in a place value chart and add step by step also explain each step to them.

## Review:

3mins

Recall the lesson by explaining the key fact given at page 45 in their textbook.

## Evaluation:

5mins

To evaluate the learning of the students ask them to solve Q1 (i-iii) of Exercise 4.2 in their textbooks.

## Homework:

2mins

Solve Q1 (iv-vi) of Exercise 4.2 in their textbooks.

# Lesson Plan

Grade: Five

Subject: Math

Term: 2<sup>nd</sup>

Time: 40mins

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

Week: 1

Day: 6

Unit 4: Decimal Numbers and Percentages

Topic: Subtraction of Decimals

## Student Learning Outcomes:

- Subtract 4-digit numbers up to 3-decimal places.

## Resource Material:

Chalk/Marker, White/Blackboard, Math Textbook, decimal number cards

## Warm-up Activities:

5mins

- Before beginning the lesson, ask students to say "Tasmiya."
- Ask students to tell: how we can add two decimal numbers? Tell the steps to add two decimal numbers?
- Take their responses and appreciate them for their correct answer.

## Teaching and Learning Activities:

25mins

- Tell students today we will learn about subtraction of decimal numbers.
- Tell them to subtract decimal numbers first write the numbers vertically and align the decimal point then subtract the decimal number as we subtract the whole numbers just place the decimal point below the decimal point.
- Tell them that always subtract the smaller decimal number from the greater one. Now arrange the decimal numbers 7.44 and 5.39 vertically in a place value chart and subtract step by step and explain each step to them.
- Make cards of 3-digit decimal number up to two decimal numbers and place them in a basket.
- Call a student to the front of the class and ask him/her to choose two cards of his own choice and then write that decimal numbers vertically on the board and subtract them. Take his/her response and ask the rest of the class to check their work and guide them where needed.
- Repeat this activity to each student of the class and appreciate them for their correct answer.

## Review:

3mins

Sum up the lesson by explaining the key fact given at page 45 of their textbook.

## Evaluation:

5mins

To assess the learning of the students ask them to solve Q2 of Exercise 4.2 in their notebooks.

## Homework:

2mins

Solve Q3 and Q4 of exercise 4.2 in their notebooks.