

DAILY LESSON PLAN

Unit: Whole Numbers	Date: _____
Topic: Ascending and Descending Order.	
Key Learning Area: Smaller and bigger numbers, Ordering of number,	Year Level: 1
What comes before, after, between?	
Outcomes: Arrange numbers in Ascending and Descending orders, What comes before, after, between the given numbers?	

Lesson Structure:

Time	Introduction (Set):	Teaching Approaches
10 min.	<p>Revision of previous lecture.</p> <p>Cross questioned the students about previous lecture. Make sure they have understood the backwards sequence of counting.</p> <p>Introduce them to the forward counting (ascending order) and backward counting (descending order) giving examples of Ladder climbing.</p> <p>Ascending Order- Arranging in increasing order (smaller to bigger)</p> <p>Descending Order- Arrange in descending order (bigger to smaller)</p> <p>Don't use the word ascending and descending instead use the words increasing and decreasing order.</p> <p>Sequential Activity:</p> <p>Build the understanding moving from bigger to smaller and then smaller to the bigger.</p>	<p>Interactive approach.</p> <p>Take a quick quiz about Backwards counting.</p> <p>Sequential Activity:</p> <p>Teacher will ask children to make a line height wise. It means short one will stand front and taller one back. This line will be ascending order. Now children will told to rearrange their line in descending order. It means that have to stand other way. Now taller one will lead it means ascending order.</p> 

	<p>Simply ask a group of students to get in line according to their height.</p>	
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LESSON STRUCTURE:

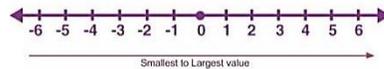
Time	Main Content:	Teaching Approaches
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25 min.

Tell them that we can use the word **moving forward** instead of ascending order and **moving backward** instead of descending order. Give them definitions of both orders.

Once children understand the concept, teacher can write numbers on board and children will re-arrange the numbers ascending and descending.

Use the **Number line** activity to illustrate that how adding and removing can make Ascending or descending order.



Ordering of Jumbled Numbers:

Introduce any sequence of numbers and arrange them according to bigger or smaller order. Ask students to join you on board and let them arrange the jumbled numbers.

The Concept of Before, After and Between:

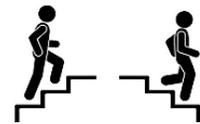
Linked the concept of before and after with the ordering of the numbers. Help students to understand that the number that comes before means one step backwards and the number that comes after means counting one step forward.

Steps Climbing activity:

Make 1 student to stand on the upper stair and other one on the lower level. Ask students:

When we go up upstairs what kind of order is it?

When we come downstairs what kind of order is it?



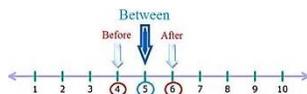
Number line activity:

Use a number line from 0-9 and 9-0. Start from 1 object and keep adding one and ask students what's the number each time? Or start from 9 and keep removing one and place the number card accordingly.

Jumbled numbers activity:

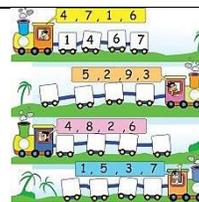
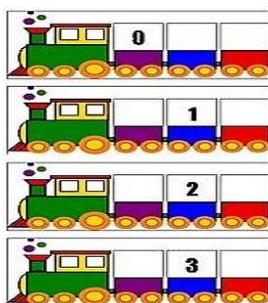
Have some printed worksheets or draw some number sequences. Encourage the students to fill the empty spaces on the work sheet.

Use the number line to simply demonstrate the missing numbers between any two numbers. Then moves towards the jumbled words.



Worksheets:

Give your students different worksheets like given below to practice the missing numbers. or you can



Before, After and Between Activity:

Write down a group of numbers on the board. Hide the middle one with sticky note. Ask the students to write the missing number on their notebooks. Then show the correct answer by removing sticky note.

Time	Conclusion:	Teaching Approaches
5 min.	<p>Students will be able to:</p> <p>Recognize the sequences of the numbers according to the Ascending and descending order.</p> <p>Recognize the smaller and bigger numbers</p> <p>Arrange the numbers in required sequences.</p> <p>Write the missing numbers.</p> <p>Recognize and write the numbers that comes before, After, and between the given missing sequences.</p>	<p>Ask questions as many as you can. Give them enough practice for home as well as at classroom.</p>

Resources:

Writing board, chalk/marker, color pencils, sticky notes, Flash/Number cards, prepare a classroom display with chart paper or simple paper cut in balloon shapes of different sizes to explain smaller and bigger, Jumbled worksheets, Worksheets for what comes before, after and in between, Incredible Mathematics Grade 1 book, notebooks etc.

Safety Consideration/ Materials

None

Assessment

Unsolved worksheets of sequential order for homework.
Jumbled numbers practices.
Board test
Mind games.
Quiz etc.

Reflection

Students have understood the following:
The words and basic concept of "Ascending and Descending"
Sequential ordering of the numbers.
How to write the missing numbers that involves:
What comes before, after, between the given numbers?
Arrangements of the jumbled numbers.