

Numbers up to 10,000

A LESSON PLAN by Artemis Choreftaki
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Grade 3

General Information about the resource

The specific lesson plan was carried out in the context of the 3rd Grade Mathematics lesson, specifically as an extension of the Chapter of the book entitled: Numbers up to 10,000. It consists of two activities, through which further practice is sought in identifying, comparing and forming numbers up to 10,000 in a playful and creative way. In the first activity entitled "Numbers in a row", students bring up the numbers, which they are asked to sort in the way they are requested to. In the second activity entitled "Last Man Standing", the students each hold a card with a four-digit number. The purpose is to follow the instructions so that they remain standing.

Keywords: ones, tens, hundreds, thousands, ten thousands, compare, form numbers

Further notes about the resource and its use:

1. **Cognitive objective:** The aim of the activities is for students to practice processing numbers up to 10,000 in an experiential and playful way.
2. **Prior knowledge:** Students should be able to recognize the value of each digit of a number based on its position (ones, tens, hundreds, thousands, tens of thousands) and be able to read and form numbers up to 10,000.
3. **Material and technical infrastructure:** Spacious classroom, stationery, hula hoops or other board game accessories
4. **Time:** One teaching period (45 minutes)

Application

First Activity: The numbers in the series

A child takes on the role of sorter.

The rest of the children each pick a card with a four-digit number, they can wear it in some way (e.g. with a crown on their head).

All children move freely in the space, you may add some background music.

The sorter is asked to put the rest of the children in the appropriate order according to the instructions they will be given (e.g. from largest to smallest, those with an even number in the ones (units) together, those with less than 4,000 together, those with 5 tens together).

The smaller or larger groups that will be formed are encouraged to create shapes or patterns of their liking with their bodies. The teams are given some time to prepare (~ 5 minutes).

The activity concludes with the presentation of the groups to the whole class.



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Second Activity: The Last One Standing

Each child picks a card with a four-digit number and holds it without showing it.

The teacher begins to name the values of certain digits of the four-digit numbers that he/she has distributed in random order (eg. who has 4 tens, who has 7 thousands, etc.). You can also use UNO cards for random (more objective) selection, matching each color to the positional value of each digit.

When a child hears a digit value they have in their four-digit number, they must immediately make a figure-movement, otherwise they will be forced to sit down.

The game continues in the same way until only one child remains standing or all children make a move.

References:

<http://taksiasterati.blogspot.com/2014/05/1000-41-2.html#.VuUwp5yLTIU>

<http://pitnerm.blogspot.com/2012/08/last-man-standing-freebie.html>

