

Multiplication tables in songs

A LESSON PLAN by Artemis Choreftaki
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Grade 2

General Information about the resource

The specific lesson plan includes the activities that were carried out, with the initial purpose of assisting and making it easier for the 2nd grade primary students of our school to memorize the material, through learning songs with lyrics that refer to the multiplication tables. The school year that followed, the needs of the students in our class were different, as the English-speaking students that joined our class had not had any contact with the operation of multiplication. As a result, the challenge arose to teach the multiplication tables in English once again with the help of the corresponding songs in English. A powerful motivation for the students in learning the multiplication- tables was a presentation that took place in the context of an event at our school on the theme “The Arts in education”.

Keywords: multiplication tables, multiplication songs, learning through singing

Further notes about the resource and its use:

1. **Cognitive objective:** Our goal is for the students to master and memorize the multiplication tables of the following numbers: 3, 4, 6, 7, 8 in both languages (Greek-English).
2. **Prior knowledge:** Dealing with the concept of multiplication and the teaching of the multiplication tables have preceded.
3. **Material and technical infrastructure:** Computer with internet access, audio player, (optional) paper and stationery
4. **Time:** One teaching period (45 minutes) per teaching each multiplication table

Application

The students have already come into contact with each multiplication table. For practice, we can make them listen to each multiplication song, repeating it as many times as necessary, aiming for the best possible memorization.

It is quite helpful for the children to combine the multiples of ten of each lesson with using their fingers to help them in the process, later, they are able to calculate things more quickly.

Another helpful idea is to combine the song with a visual activity that can be done in their math notebook. For example, ask the children to draw their hands on two pages of their notebook and write on their fingers the ten multiples of each multiplication.

The songs used during the implementation of the activities in both languages are the following:

Multiplication table of 3:

https://www.youtube.com/watch?v=mc_lono23Zc

<https://www.youtube.com/watch?v=stMCyHxf0VM>

Multiplication table of 4:

https://www.youtube.com/watch?v=u_6oW3acfsg

<https://www.youtube.com/watch?v=DJq7-bpgOLo&authuser=0>



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Multiplication table of 6:

<https://www.youtube.com/watch?v=MokJxmjrD14>

<https://www.youtube.com/watch?v=XXvHYKFcveU&t=7s&authuser=0>

Multiplication table of 7:

https://www.youtube.com/watch?v=_05g5OuirTU

<https://www.youtube.com/watch?v=HNN8qXu4E4w&authuser=0>

Multiplication table of 8:

<https://www.youtube.com/watch?v=TckhymPuEMg>

<https://www.youtube.com/watch?v=oNkEHQ60HNA&authuser=0>

Reflection of the action:

In general, it seemed that the children were sufficiently helped in memorizing the lessons thanks to the songs. It was also quite a fun process for them, since it was quite different from a regular math lesson. It is worth noting that the presentation held as part of the event at our school motivated all the children to do their best and learn the multiplication tables in both languages, as best they could according to their level.

References:

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