

Body Percussion: Multiplication table of 9

A LESSON PLAN by Artemis Choreftaki
Mavromataki Private School

Grade 3

General Information about the resource

The specific lesson plan contains an activity that was implemented in the 3rd grade of our school in the context of learning and revising the multiplication table of 9, but it can be applied in a corresponding way in all multiplication tables. The activity uses the technique of body percussion and through its application, it was sought to make it easier for the students to memorize the multiplication tables in both languages (Greek and English), in a pleasant and playful way.

Keywords: multiplication tables, body percussion, learning through movement

Further notes about the resource and its use:

1. **Cognitive objective:** The students are to master - to memorize the multiplication table of 9 in both languages (Greek - English).
2. **Prior knowledge:** Practice the concept of multiplication and the teaching of the multiplication table of 9 has preceded.
3. **Material and technical infrastructure:** Spacious classroom
4. **Time:** One teaching period (45 minutes)

Application:

- We start by choosing a 9-beat pattern, which we are going to use in repetition. The choice can be made directly by the teacher or with the active participation of the children.
- We spend some time practicing so that the children can master the pattern.
- Then, we select a group of 10 students, as many as the multiples of the multiplication table.
- The first child appears and taps the 9 tap pattern once. Finally, he calls out the number 9.
- Immediately the second child comes next to him and at the same time they tap the pattern, i.e. they tap 9 twice ($2 \times 9 = 18$) and shout the result 18.
- In the same way, the third child comes and all together simultaneously tap 9 ($3 \times 9 = 27$) 3 times, shouting the result.
- We continue, one child at a time, until we reach the last product ($10 \times 9 = 90$).
- In order to make the activity bilingual, we can very simply apply the activity sequentially or alternately in both languages.

References:

<https://www.edutopia.org/article/reinforcing-elementary-math-lessons-movement/>
<https://study.com/academy/lesson/using-activities-with-movement-to-teach-math.html>

