



Journal Website:  
<http://sciencebring.com/index.php/ijasr>

Copyright: Original content from this work may be used under the terms of the creative commons attributes 4.0 licence.

## Research Article

# USE OF INTERACTIVE METHODS IN FORMING CALCULATION SKILLS OF 3RD CLASS STUDENTS BASED ON THE REQUIREMENTS OF THE NATIONAL PROGRAM

**Submission Date:** October 03, 2023, **Accepted Date:** October 08, 2023,

**Published Date:** October 13, 2023

**Crossref doi:** <https://doi.org/10.37547/ijasr-03-10-11>

**Usmanova Zulfia Ilhomovna**

Teacher of the "Primary Education" department Bukhara State Pedagogical Institute, Uzbekistan

## ABSTRACT

This article describes the classification of tasks performed together by the teacher and students in the primary 3rd grade mathematics textbook, interactive methods and their types, as well as their special importance in increasing the effectiveness of educational work.

## KEYWORDS

Interactive methods, interactive education, computing skills, assignments, educational games.

## INTRODUCTION

Interactive methods - by increasing the activity between students and the teacher during the lesson, they serve to activate the acquisition of knowledge and develop personal qualities. The use of interactive methods helps to increase the effectiveness of the lesson. The main criteria of interactive education: conducting informal debates, the opportunity to freely describe and express the educational material, the number of theoretical knowledge acquisition is small, the

number of practices is large, the creation of opportunities for students to show initiative, tasks for working as a small group, large group, and class team. it consists of giving, performing written work and other methods, which differ from other methods in that they have their own importance in increasing the effectiveness of educational work.

All subject teachers, including primary school teachers, are increasingly using interactive methods in the teaching process.

In the 3rd grade "Mathematics" textbook (L. Orinboyeva, Sh. Ismailova and others. Tashkent - 2022), the tasks to be performed by the teacher and students together are given on the basis of the following notation:[3]

The textbook consists of 9 chapters, the total training is 170 hours, of which control work and work on errors - 20 hours, new knowledge and reinforcement lesson - 150 hours. Control works are 2 in the I quarter, 2 in the II quarter, 3 in the III quarter, and 3 in the IV quarter.

In the textbook:

Repeat tasks - 54

Additional tasks - 35

Interesting and logical tasks - 45

Assignments related to the international evaluation program consist of 15 and thematic assignments.

Based on the following table, we will consider the type and analysis of joint tasks within thematic tasks in the textbook by chapter (see table 1.1):

Table 1.1

Chapters	Naming	Addition and subtraction exercises	Work together on multiplication and division	Total
Repeat	Repeating what was passed in the 2nd grade	3	3	6
Chapter 1	Three-digit numbers Thousand (15 hours)	8	0	8

Chapter 2	Add and subtract within 1000 (25 hours)	25	0	25
Chapter 3	Multiply and divide by 1000 (35 hours)	6	34	40
Chapter 4	Fractions (15 hours)	9	0	9
Chapter 5	Geometric shapes (20 hours)	8	5	13
Chapter 6	Units of measurement (15hours)	5	0	5
Chapter 7	Expressions (15hours)	8	7	15
Chapter 8	Data Processing (15hours)	4	3	7

Educational games that help students to develop their calculation skills also increase their interests. In games such as "Quick calculator",

"Who is quick?", "Zinama-zina", "Bilimdon", "Topag'on", the teacher uses educational games to strengthen students' calculation methods. can



choose assignments. As an example, we describe the method of playing the game "Quick Calculator". This game can be played in every elementary school. It can be organized in different ways. Tasks are written on the board corresponding to 3 rows in rows. One person from the line goes out and completes examples of counting. The row that completes the given examples correctly and quickly is the winner. Students of the class are divided into teams (for example, 5-6) and the winners of the team are determined. This game is also held among the winners of the team, and it will be possible to determine the prize winner of the class.

## REFERENCES

1. National Curriculum of general secondary education (Mathematics) T.: 2021.
2. Jumayev M.E. Mathematics teaching methodology. -Tashkent, 2016. -426 pages.
3. Orinboyeva L., [et al.]. Mathematics 2nd grade [Text]: textbook.- Tashkent: Republican Education Center, 2021.-192 p.
4. Mathematics 3rd grade. Methodical manual [Text]: methodical manual for teachers/L. Orinboyeva [et al.].-Tashkent: Republican educational center, 2022.-239b.
5. - Muslimov N.A., Usmanboyeva M.H., Sayfurov D.M., Torayev A.B. "Innovative educational technologies" - Tashkent: 2015, page 58
6. Saidova M. J. Improving the methodology of using information technologies in elementary mathematics classes: Ped. Dissertation written for the degree of Doctor of Philosophy. Tashkent, 2020, 142 p.
7. Qosimova, M. M., and Z. U. Usmonova. "BOSHLANG 'ICH SINFDI MATEMATIKA O 'QITISH JARAYONIDA O 'QUVCHILARIDA TEJAMKORLIK KO 'NIKMASINI TARKIB TOPTIRISH." PEDAGOGS jurnali 1.1 (2022): 75-77.
8. Usmonova, Z. I. "Methodology for Forming Computational Skills in Primary School Students." " ONLINE-CONFERENCES" PLATFORM. 2022.
9. Muxamedovich, Kasimov Fayzullo, and Usmonova Zulfiya Ilxomovna. "INTERFAOL USULLAR ORQALI BOSHLANG 'ICH SINF O 'QUVCHILARIDA HISOBLASH MALAKASINI SHAKLLANTIRISH METODIK MUAMMO SIFATIDA." PEDAGOGS jurnali 1.1 (2023): 740-740.
10. Muxamedovich, Kasimov Fayzullo, and Usmonova Zulfiya Ilxomovna. "Methodology for Forming Calculation Skills in Pupils of Primary Class Through Interactive Methods." Journal of Pedagogical Inventions and Practices 17 (2023): 22-27.
11. Muxamedovich, Kasimov Fayzullo, and Usmonova Zulfiya Ilxomovna. "METHODS AND TOOLS FOR FORMING CALCULATION SKILLS IN STUDENTS THROUGH INTERACTIVE METHODS IN PRIMARY CLASS MATHEMATICS EDUCATION." (2023).
12. Muxamedovich, Kasimov Fayzullo, and Usmonova Zulfiya Ilxomovna. "BOSHLANG 'ICH SINF O 'QUVCHILARIDA HISOBLASH MALAKASINI SHAKLLANTIRISHDA INNOVATSION TEXNOLOGIYALARDAN FOYDANALISH METODIKASI." E Conference Zone. 2023.

13. Muxamedovich, Kasimov Fayzullo, and Usmonova Zulfiya Ilxomovna. "BOSHLANG 'ICH SINF O 'QUVCHILARIDA HISOBLASH MALAKASINI SHAKLLANTIRISHDA INNOVATSION TEXNOLOGIYALARDAN FOYDANALISH METODIKASI." E Conference Zone. 2023.

14. Ilkhomovna, Usmanova Zulfiya. "Methods of using interactive methods in the formation of

computational skills in elementary school students." Journal of Pedagogical Inventions and Practices 14 (2022): 127-129.

15. Usmonova, Z. I. "Improving the Methodology for Forming Computational Skills in Primary School Students." International Journal on Integrated Education 5.6 (2022): 576-579.

