

Cool Math Games

Every year, children are more indifferent to learning. In particular, it decreases in students to such a subject as mathematics. This subject is perceived by students as boring and not at all interesting. In this regard, teachers are searching for effective forms and methods of teaching mathematics that would contribute to the activation of educational activities, the formation of cognitive interest.

One of the opportunities to develop students' cognitive interest in mathematics lies in the widespread use of extracurricular work in mathematics. Extracurricular work in mathematics has a powerful reserve for the implementation of such a learning task as increasing cognitive interest, through the whole variety of forms of its implementation. One of these forms is a mathematical game.

[Cool math games run](#)

The following goals of using mathematical games can also be distinguished:

- Thinking development;
- Deepening theoretical knowledge;
- Self-determination in the world of hobbies and professions;
- Organization of free time;
- Communication with peers;
- Education of cooperation and collectivism;
- The acquisition of new knowledge, skills;
- Formation of adequate self-esteem;
- Development of strong-willed qualities;
- Knowledge control;
- Motivation for educational activities, etc.

Mathematical games are designed to solve the following problems.

Educational:

- Promote students a strong learning experience;
- To help broaden the horizons of students, etc.

Developing:

- To develop students' creative thinking;
- Promote the practical application of skills acquired in lessons and extracurricular activities;
- To promote the development of imagination, imagination, creative abilities, etc.

Educational:

- To promote the education of a self-developing and self-fulfilling personality;
- To cultivate moral views and beliefs;
- Promote the development of independence and will in work, etc.

Mathematical games should be developed taking into account the individual characteristics of students, taking into account various groups of students: weak, strong; active, passive, etc. They must be such that each type of student can prove themselves in the game, show their abilities, capabilities, their independence, perseverance, ingenuity, experience a sense of satisfaction, success.

Math games should be developed taking into account the subject and its material. They must be varied.

Types of games:

- Table games;
- Math mini-games;
- Trivia games
- Games at the stations;
- **Factoring Calculator**
- Mathematical contests;
- Travel games;
- Mathematical mazes;
- Mathematical carousel;
- Fights;
- Different ages.
- **Derivative Calculator**

Table games.

Board games include such mathematical games as mathematical lotto (dominoes), games on a chessboard, games with matches, various puzzles, etc. The preparatory phase of such games is carried out mainly before the game itself, it mainly explains the rules of the game. Board math games are usually used as part of an activity. Children can play them in any free time, even during a break (for example, solve a puzzle).

Rules of the game:

Mathematical lotto (dominoes). Each student receives a card on which the answers are written. The host of the game takes a pack of cards on which tasks are written and pulls out one of them. Reads a task, shows to all participants of the game. Participants solve tasks verbally or in writing, receive an answer, find it on their playing card. I close this answer with specially prepared chips. The one who closes the card first wins. Checking the correctness of closing the card is required, it is not only a controlling moment, but also a training one. It is possible to prepare tokens in such a way that after closing the entire card, the student obtained a drawing with the help of these tokens, thereby it is possible to check the correctness of closing the card. Before the start of the game, you can hold a warm-up, which recalls the formulas, rules, knowledge necessary for the game.

[Step calculator cool math games](#)

Games with matches. Students are given tasks in which you need to build a figure from matches, by moving one or more matches to get another figure. The question of the game is what kind of match you need to shift.

Puzzle games. In them, you need to arrange in a special way certain figures (numbers) in the table or from a different shape of pieces of paper you need to collect a figure.

Math mini games.

In such games, children mostly solve tasks and get a certain amount of points for this. The choice of the task takes place in various game forms. Such games include, for example, "Math Fishing", "Math Casino", "Target Shooting", "Math Relay", etc. Such games consist of the following steps. First, the student performs some kind of game action (catches a fish from a pond, throws a dart at a target, rolls dice, etc.). Depending on what the result of this action will be (which fish I caught, how many points fell on the dice, which part of the target I got, etc.) the student is given a certain task that he must solve. Having solved this problem,

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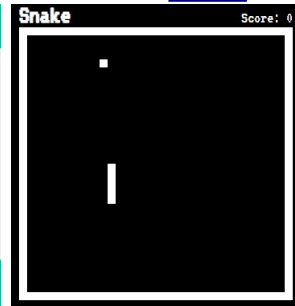
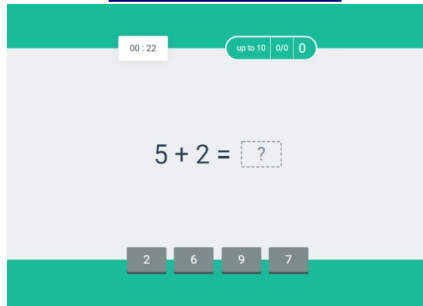
How fast are you?

$$10 + 14$$

Mental Math

React Math Game

Snake



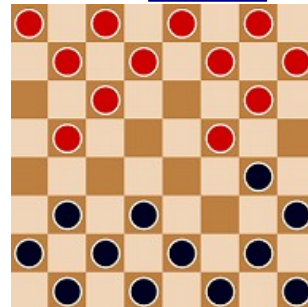
Puzzle



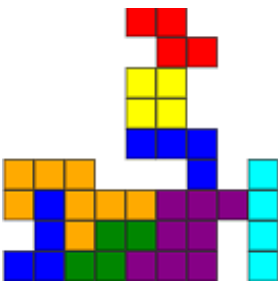
2048



Checkers



Tetris



MathTutor



Chess



Sudoku

2	4		6						
9		8						6	
4		3	2		7				
		5		7				6	
4			9	5				1	
		7		8	6	2		5	
5			7	2	1	6	3		
3							7	2	
7	8	2			3	9	8	4	1

English Alphabets



Memory Game

