No. DE.23 (455)/Sch. Br./2020/88 6   Dated:o 6/11/2020

CIRCULAR

Sub:- Regarding participation of students in BRICSMATH.COM+, the 4th International Online Competition in Mathematics for classes 1-12 .

BRICSMATH.COM is a non-profit international online Competition in Mathematics for students from classes 1-12 which has been conducted since 2017 in the five BRICS countries, namely Brazil, Russia, India, China and South Africa. Since 2020, the geography of the competition has been expanding, now students from 7 countries will be able to take part in it: Brazil, Russia, India, China, South Africa, Indonesia and Vietnam. The accessible online format allows every child to take part in the competition regardless of their level of knowledge or their social and geographical background. For that reason, every student has opportunity to participate.

The **2020 BRICSMATH.COM+ competition** will be held in two rounds: the trial round (from October 19 to November 15) and the main round (from November 16 to December 20). The trial round gives students the opportunity to practice the tasks and familiarize themselves with the platform before finally taking part in the main round. The results of the trial round do not reflect in the main round. In the main round, students have an allotted period of 60 minutes to complete the competition tasks.

Teachers will register their students on www.bricsmath.com and select the country, class and language. Teachers then save student's individual logins and passwords and send them to their students. Using their logins and passwords, students then log in on www.bricsmath.com and solve the tasks. (The letter of Invitation of BRICSMATH.COM+ along with the attachments is enclosed for reference).

All the Heads of Govt., Govt. Aided, Unaided Private Recognized Schools of Directorate of Education, and Local Bodies i.e. MCDs, NDMC & Delhi Cantonment Board of Delhi are hereby directed to disseminate this information among the Teachers, Students and Parents. All the Heads of schools are further directed to get registered all the willing students of classes 1-12 and save student's individual logins and passwords and send them to their students.

This issues with the approval of the Competent Authority.

DDE (School)

Enclosures: As stated above.

Heads of all categories of schools of Delhi through DEL-E

No.DE.23 (455)/Sch.Br./2020/836   Dated: 06/11/2020

Copy to:-
1. PA to Pr. Secretary(Education)
2. PA to Director(Education)-9
3. Chairperson, NDMC
4. Director, Education North DMC
5. Director, Education South DMC
6. Director, Education East DMC
7. Director, Education NDMC
8. Commissioner, Delhi Cantonment Board
9. All RDEs/DDEs(District/Zonal) through DEL-E
10. DDE (ASB/PSB)
11. System Analyst for uploading on the website
12. Guard File.

OSD (School)

BRICS MATH.COM+

25/c

№12102020
**About the International
Online Competition in Mathematics
BRICSMATH.COM +**

Sh. Udit Prakash Rai
Director
Directorate of Education, Govt. of NCT of Delhi

Esteemed **Sh. Udit Prakash Rai**,

BRICSMATH.COM is a non-profit international online competition in Mathematics for students from classes 1 - 12 which has been conducted since 2017 in the five BRICS countries, namely Brazil, Russia, India, China, and South Africa. It operates in the educational sphere addressing the needs of more than a million students in the BRICS countries and brings them together by creating the spirit of good-faith competition. In 2017, the Russian project UCHi.RU received the status of the Leadership Project in the field of education of the Agency for Strategic Initiatives. It was presented to the President of the Russian Federation Vladimir Putin at a meeting with representatives of socially-oriented organizations during the meeting of the Agency's Supervisory Board on July 26, 2017. Following the meeting with the President, Uchi.ru has implemented an initiative to launch the largescale online competition, BRICSMATH.COM.

In 2019 the competition was supported by the Ministry of Education of the Russian Federation, Ministry of Human Resource Development of the Republic of India, Ministry of Education of the People's Republic of China, and Department of the Basic Education of the Republic of South Africa, along with the Ministry of Foreign Affairs of the Russian Federation, Ministry of External Affairs of the Republic of India, Ministry of Foreign Affairs of the People's Republic of China and Department of International Relations and Cooperation of the Republic of South Africa. In India, the competition was organised in cooperation with local partners, FICCI ARISE, and Atal Innovation Mission by NITI Aayog. The number of participants in the third competition reached 1.6 million. and over 3 lakhs of them were from India. BRICSMATH.COM was included in the Brasilia Declaration of the 11th BRICS Summit, which was signed by the leaders of Brazil, Russia, India, China, and South Africa.

Since 2020, the geography of the competition has been expanding, now students from 7 countries will be able to take part in it: Brazil, Russia, India, China, South Africa, Indonesia, and Vietnam.

The competition is completely free of charge and is held online on the website **www.bricsmath.com**. The interactive tasks of the competition are designed in a child-friendly game format. The tasks teach students to think out of the box and do not require any in-depth knowledge of the school curriculum. All tasks are available in Portuguese, Russian, English, Hindi, Marathi, Chinese, Indonesian and Vietnamese languages.

Esteemed **Sh. Udit Prakash Rai**, we kindly ask you to assist the project by informing all the schools in Delhi NCT and invite them to the voluntary participation in the BRICSMATH.COM competition.

If you have any questions please contact the BRICSMATH representative in India, Mr. Harkanwal Singh Nehal at +91 99587 71742.

Attachments:
1. Presentation about the online competition BRICSMATH.COM+, 10 pages;
2. Instruction on participation in BRICSMATH.COM, 1 page;
3. BRICSMATH Report 2019, 13 pages.

Best regards,
CEO BRICSMATH.COM and UCHI.RU
Ilya Parshin
parshin@uchi.ru

BRICSMATH.COM+2020

The 4th international online Mathematics competition — BRICSMATH.COM+ for students from Classes 1-12

A competition that brings children from 7 countries together

Trial round: 19 October – 15 November   **Main round:** 16 November – 20 December

What is **BRICS**MATH.COM+?

BRICSMATH.COM+ is a large annual international online mathematics competition for students of grades 1-12. Since 2020, the geography of the competition has been expanding, now students from 7 countries will be able to take part in it: Brazil, Russia, India, China, South Africa, Indonesia and Vietnam. The competition tasks are available in all the official languages of all the participating countries.

The purpose of the competition is to cultivate interest in Mathematics and develop logical reasoning skills, as well to unite children from different countries.

In 2020, the BRICSMATH.COM competiiton will be held for the fourth time and is dedicated to the 12th BRICS Summit that will take place in Russia.

BRICSMATH.COM+

The competition was included in the Brasilia Declaration of the 11th BRICS Summit.

2017	2018	2019	2020
1st competition	**2nd competition**	**3rd competition**	**4th competition**
9th BRICS Summit, China	10th BRICS Summit, South Africa	11th BRICS Summit, Brazil	12th BRICS Summit, Russia
670 000 PARTICIPANTS FROM 5 COUNTRIES	**1 000 000** PARTICIPANTS FROM 5 COUNTRIES	**1 600 000** PARTICIPANTS FROM 5 COUNTRIES	**3 000 000** PARTICIPANTS ARE EXPECTED

Recognition and support BRICSMATH.COM+

MINISTRY OF ENLIGHTENMENT OF THE RUSSIAN FEDERATION

MINISTRY OF HUMAN RESOURCE DEVELOPMENT OF INDIA
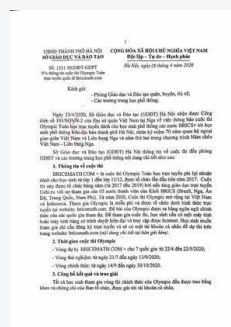
CENTRAL BOARD OF SECONDARY EDUCATION

MINISTRY OF EDUCATION OF THE PEOPLE'S REPUBLIC OF CHINA

BASIC EDUCATION REPUBLIC OF SOUTH AFRICA

HANOI DEPARTMENT OF EDUCATION AND TRAINING, VIETNAM

MINISTRY OF RELIGIOUS AFFAIRS, INDONESIA

Media about us

JAGRAN Josh
BRICSMATH to be inaugurated at the BRICS summit in Brazil on 13th November 2019

NOV 8, 2019

china.com.cn china.org.cn
中国学生在2019年金砖国家在线数学联欢节表现出色

2019-12-13

TIMES OF INDIA
Registrations open for an online international Mathematics competition for school students

November 23, 2019

RUSBASE
Запустилась международная онлайн-олимпиада по математике на платформе Учи.ру
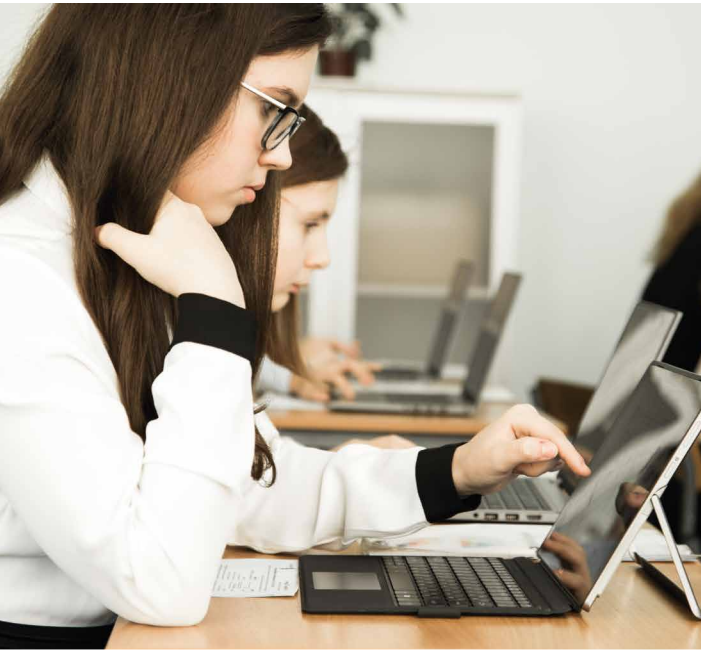
15 ноября 2019

EXAME
Nos dias da cúpula dos BRICS, foi realizada a abertura da competição internacional online BRICSMATH.COM

26 nov 2019

VOV5.vn
Cơ hội cho học sinh Việt Nam tham gia Olympic Toán học trực tuyến qua nền tảng Uchi.ru của Nga

17.05.2020

METROTVNEWS.COM
Dragonlearn, Cara Seru Belajar Matematika Secara Online

16.05.2020

Feedback about us

Great and stimulating for children's learning.
(Mirelly Santos, teacher, SP, Brazil)

Thanks to the organizers for such interesting tasks! My Daughter takes part with great pleasure. I am proud of the success she achieved. With you we grow and gain knowledge!
(Safonova S.V., parent, Russia)

I am very happy to work on this website. My child is getting the knowledge of different fields and he has become more confident, excited and happy. Thank you so much.
(DP Trivedi, Parent, Shree Narayana International school, Vadodara, Gujarat, India)

The development of children's intelligence is conducive to the training of logical thinking.
(Wang Hongxin, teacher, Shenzhen, China)

The website is very attractive and well programmed, making me wish to have my own one day and it creates passion to seek information. I tend to picture it as a model to show how great, fun and fantastic education is. I really honor the developers!
(Noluthando Basi, learner, Durban, SAR)

Dates of BRICSMATH.COM+

Trial round
19 October - 15 November

- The trial round gives the students an opportunity to practice before the main round.

- Students can solve the tasks an unlimited number of times during the trial round.

- The results of the trial round do not affect the main round.

Main round
16 November - 20 December

- In the main round, students will only have 60 minutes to complete the tasks. They can solve the main round on any day during the competition.

- It is not mandatory to complete the trial round tasks before solving the main round.

The uniqueness of the BRICSMATH.COM+ competition

- Every student from 7 countries can take part in the competition BRICSMATH.COM+. All they need is an electronic device with an Internet connection.

- The Competition consists of 10 colorful interactive mathematics tasks. The tasks on logical and spatial thinking do not require an in-depth knowledge of the school Mathematics books.

- The tasks are available in Portuguese, Russian, Hindi, English, Chinese, Vietnamese and Indonesian.
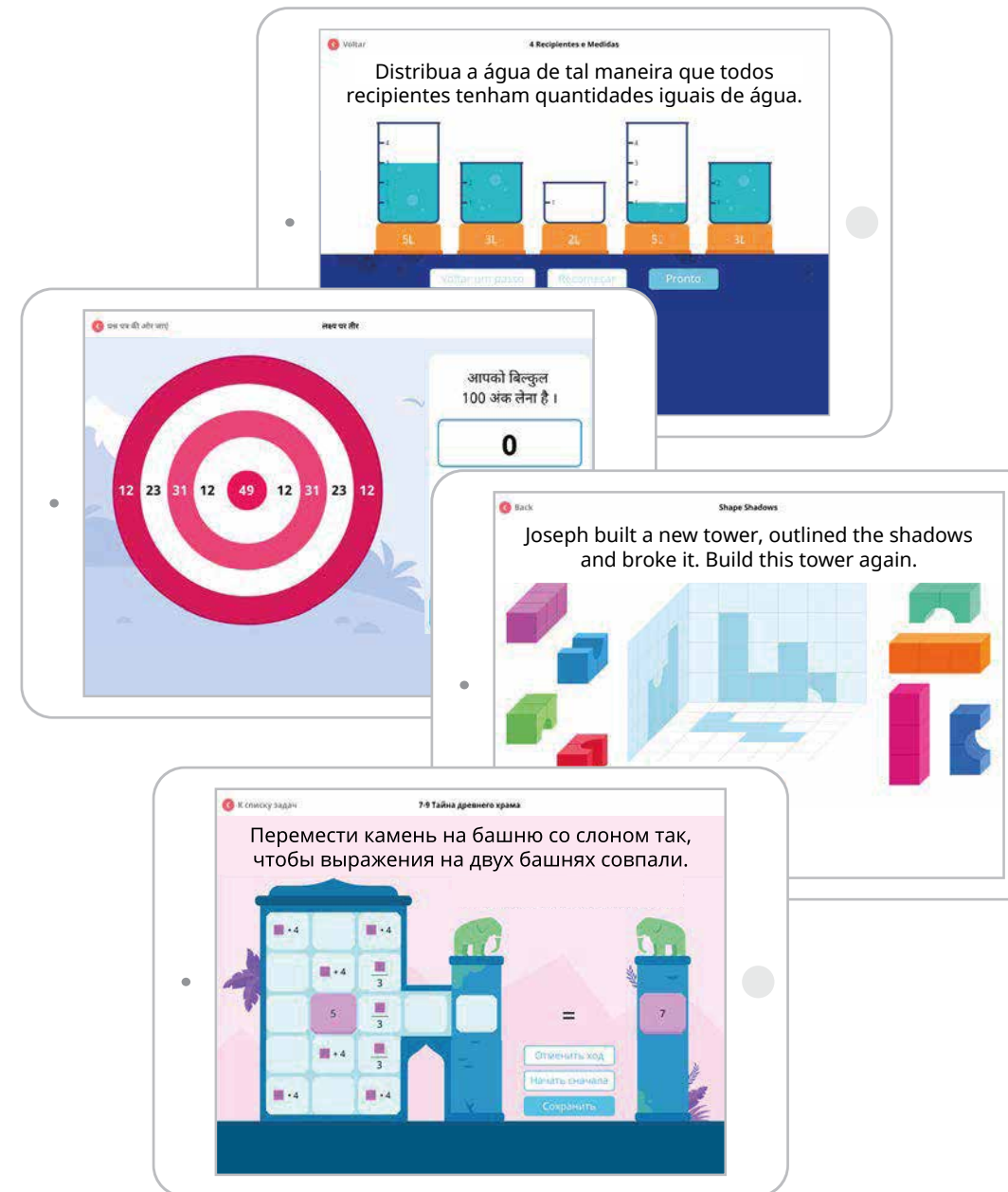
Examples of the tasks
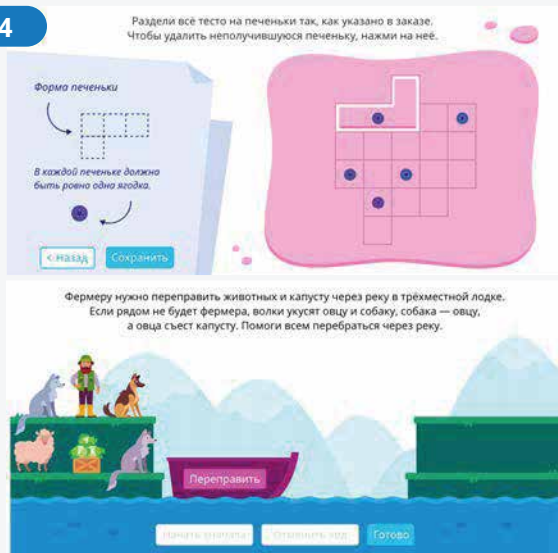
Blueberry cookies *(Difficulty level: difficult)*

Skills: The relative position of objects in space and on the surface. Planning the progress of solving the problem. Basic arithmetic.

Section: Spatial relationships. Visual geometry. Geometric shape. Formation of ideas about the meta-subject concept of "shape". Shapes in geometry and in the surrounding world.

Crossing the river *(Difficulty level: difficult)*

Skills: Analysis of the received information. Logical and algorithmic thinking. Simple algorithm. Drawing up the final sequence (chain) of objects, numbers, geometric shapes, etc. according to the rule. Logical reasoning. Completing, writing, and solving a simple algorithm.

Section: Data handling.
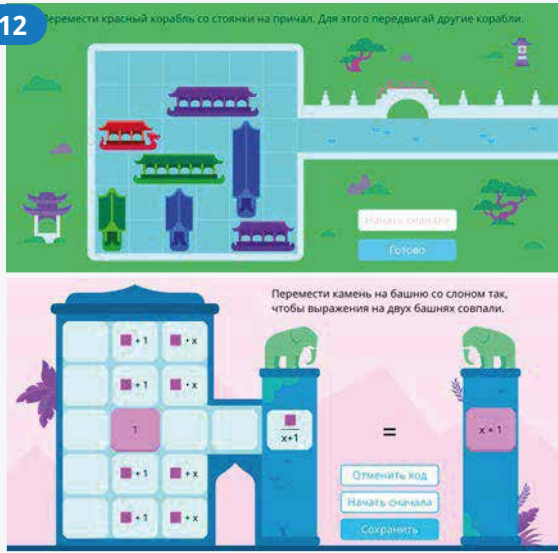
Dragon ship *(Difficulty level: easy)*

Skills: The relative position of objects in space and on the plane. Logical and algorithmic thinking, spatial imagination.

Section: Spatial Relations and Spatial Thinking.

The mystery of the ancient temple *(Difficulty level: difficult)*

Skills: Addition, subtraction, division, multiplication. Identifying the unknown component of an arithmetic action. Logical and algorithmic thinking.

Section: Spatial relations and spatial thinking. Arithmetic operations.

BRICSMATH.COM+ competition
will take place in October-December 2020

To participate you need:
- A computer or a tablet.
- Internet access.

Teachers:
- Register their students on the website.
- Choose the class and language.
- Print out and give students their logins and passwords.
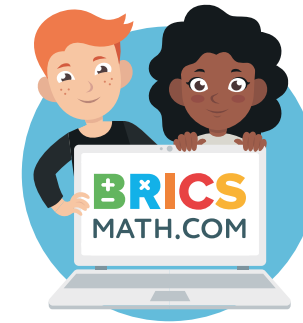
Students:
- Log in on bricsmath.com using their logins and passwords.
- Solve the tasks.

Results and Awards
BRICSMATH.COM+

Upon the completion of the BRICSMATH.COM+ competition, all students and teachers will receive certificates, that will be available in their personal accounts on www.bricsmath.com.

- The winner's certificate will be awarded to the students who will score the maximum points during the competition: 100 points in grades 1-4, and 80 points in grades 5-12 grades.

- The first 1000 students who will score the maximum score and solve all the tasks of the main round in the shortest possible time will receive the Amazon Pay voucher as a gift.

- All other participants will receive awards according to the points they score.

Register and compete on the website

BRICSMATH.COM+

info@bricsmath.com

Local partners:

FICCI Arise
STUDENT FIRST

FICCI

NITI Aayog

AIM
ATAL INNOVATION MISSION

NISA
National Independent Schools Alliance

BRICSMATH.COM

The 3rd BRICSMATH.COM International Online Competition in Mathematics

(Oct 12 - Dec 13, 2019)

Report

Prepared for the MHRD, Govt. of India

January 2020

I. Chronology of the project

2017

BRICSMATH.COM is a non-profit international online competition in Mathematics for students from classes 1 - 12 which has been conducted since 2017 in the five BRICS countries, namely Brazil, Russia, India, China, and South Africa. It operates in the educational sphere addressing the needs of more than a million students in the BRICS countries and brings them together by creating the spirit of good-faith competition. In 2017, the Russian project UCHi.RU received the status of the Leadership Project in the field of education of the Agency for Strategic Initiatives. It was presented to the President of the Russian Federation Vladimir Putin at a meeting with representatives of socially-oriented organizations during the meeting of the Agency's Supervisory Board on July 26, 2017.

Following the meeting with the President, Uchi.ru has implemented an initiative to launch the large-scale online competition, BRICSMATH.COM. The goal of this initiative is to popularize mathematics as a school subject, develop logical thinking skills and increase interest in studying exact sciences by uniting children from different countries. Over **6,70,000** pupils from Brazil, Russia, China, India and South Africa took part in the first international online competition BRICSMATH.COM in November 2017.

2018

On March 7, 2018, at the meeting of the Supervisory Board of the Agency for Strategic Initiative Mr V. V. Putin initiated an idea to launch the 2nd international online competition BRICSMATH.COM together with the leaders of BRICS countries at the 10th BRICS Summit in Johannesburg, South Africa.

On July 25, 2018, the BRICSMATH.COM team attended the business forum which was a part of the 10th BRICS Summit in Johannesburg. The 2nd BRICSMATH.COM competition was officially inaugurated at the Eastern Economic Forum in Vladivostok and witnessed **9,80,000** participants from five countries.

2019

In 2019 the competition was supported by the Ministry of Education of the Russian Federation, Ministry of Human Resource Development of the Republic of India, Ministry of Education of the People's Republic of China and Department of the Basic Education of the Republic of South Africa, along with the Ministry of Foreign Affairs of the Russian Federation, Ministry of External Affairs of the Republic of India, Ministry of Foreign Affairs of the People's Republic of China and Department of International Relations and Cooperation of the Republic of South Africa.

In India, the competition was organised in cooperation with local partners, FICCI ARISE and Atal Innovation Mission by NITI Aayog.

The number of participants in the third competition reached **1.6 million.**

BRICSMATH.COM was included in the Brasilia Declaration of the 11th BRICS Summit, which was signed by the leaders of Brazil, Russia, India, China and South Africa.

The ceremonial launch of the main round was held at the prestigious schools in all the capitals of the BRICS countries with the participation of representatives from the Ministries of education and Embassies of the BRICS countries.

III. Problems the project addresses and their solution

BRICSMATH.COM competition provides constructive solutions to improve the logical thinking and reasoning skills of students by means of the latest ICT tools. Any school student may participate in the BRICSMATH.COM competition, since it is open to everyone. Students do not have to go through a complicated qualification process or spend much time for any preparations. The competition is held within two months and is divided into two lengthy stages, with students being able to solve as many tasks as they need during the trial round. Students may participate in the competition at any time and from any place, as long as they have ICT at their disposal.

The tasks of BRICSMATH.COM are translated into all the official languages of the BRICS countries. It is not a typical mathematics competition since tasks require the use of logical and spatial thinking and imagination, so that children with different mindsets can demonstrate their skills. The competition consists of a big diversity of interesting tasks that cannot be technically resolved on paper but the ICT allows multimedia solutions to be found. The competition plays a great role in fortifying international relations within BRICS countries. Apart from that, it also gives the participants motivation and self-confidence as all of them receive awards to mark their achievements regardless of their performance on the competition.

II. Process of enrolment

The format

The competition is held online on the website www.bricsmath.com and is completely free of charge. To take part in the competition students need to have an access to a computer or a tablet with a modern browser and an Internet connection. The fun and interactive tasks of the competition are designed in a child-friendly game form.

Registration

All children must be registered by their teachers or their parents. They select the country, language and class, register themselves on the website and add their children to the class list. The system then generates an individual login and password for each participant. Using their login credentials, students log in their profiles and solve the tasks.

Durations

The BRICSMATH.COM is held in two rounds: one month of the trial round and one month of the main round. The trial round gives students an opportunity to practice before the main round as during the trial tour they have unlimited number of attempts to solve the tasks.The results of the trial round do not affect the main round. In the main round, however, the pupils have only one attempt and are given strictly 60 minutes to complete all the tasks of the competition.

Results and rewards

Upon the completion of the BRICSMATH.COM, all the students get certificates that are available in their personal accounts on www.bricsmath.com. The teachers are able to print out the certificates and organize an award ceremony at their schools.

IV. Impact of BRICSMATH.COM competition

BRICSMATH.COM provides the young generation with the inspiration to become future leaders, engage in studying STEM subjects, develop IT skills.

BRICSMATH.COM creates a international community of future contributors to the development of society and stimulates children's interest in mathematics. It is a unique project that encourages children of different backgrounds and levels of preparation to prove themselves, regardless of their race, physical condition, gender or nationality.

The competition helps to promote global integrity and spirit of fraternity among children. It erases the boundaries between students and aims to develop their overall personality and logical thinking skills. While the children know that they are competing at a global level, they are highly motivated to improve their knowledge and skills and represent their state with pride. This project unites students with different backgrounds and cultural assets in a friendly environment where they can share their passion for education and mathematics in particular.

Tasks Overview

The tasks of the competition are skills-based and do not require any in-depth knowledge of the school curriculum.

Classes 1–4

Move the red bus from the parking lot to the road. To do this, move other buses.

Start over
Done

Parking

Difficulty level:
Easy

Skills:
The relative position of objects in space and on the plane. Logical and algorithmic thinking, spatial imagination.

Section:
Spatial relations and spatial thinking.

Drag the colours in hats, T-shirts and pants according to conditions.

I am Zuhi.
Only my pants are the same colour as the hat. Nobody else has such pants!

I am Oreo.
We all have hats of different colours. Mine is yellow, same as Dindin's T-shirt.

I am Dindin.
Zuhi and Oreo have the same colour T-shirts. Zuhi doesn't wear yellow, and Oreo doesn't wear blue.
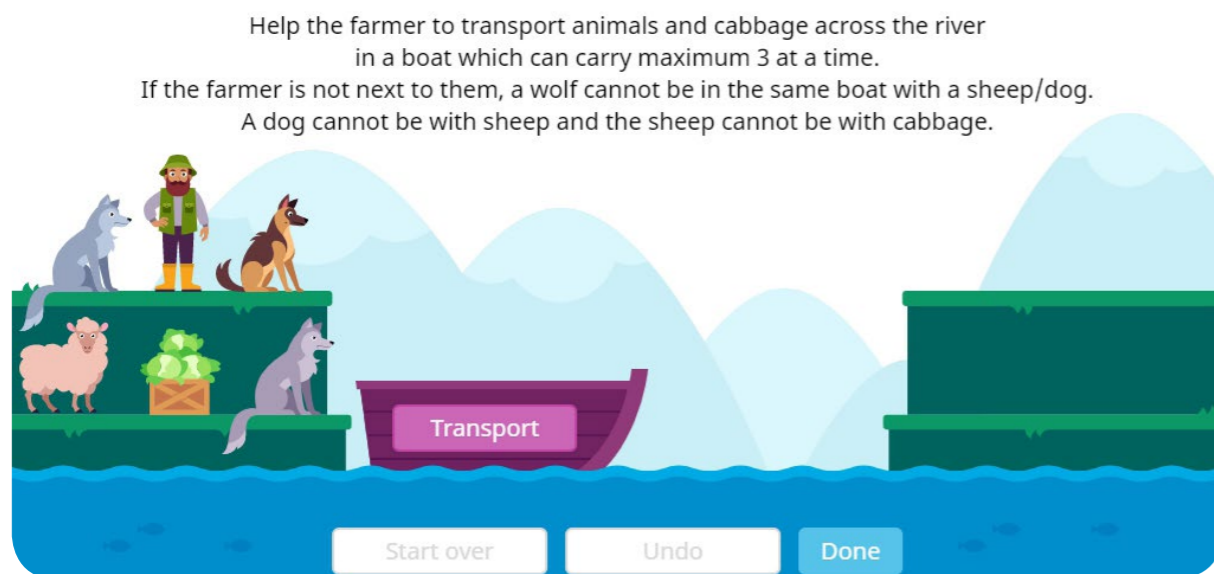
Done

Logical colouring book

Difficulty level:
Easy

Skills:
Analysis of the received information. Logical and algorithmic thinking. Completing, writing, and solving a simple algorithm.

Section:
Data handling.

Help the farmer to transport animals and cabbage across the river in a boat which can carry maximum 3 at a time.
If the farmer is not next to them, a wolf cannot be in the same boat with a sheep/dog.
A dog cannot be with sheep and the sheep cannot be with cabbage.

Transport

Start over
Undo
Done

Crossing the river

Difficulty level:
Difficult

Skills:
Analysis of the received information. Logical and algorithmic thinking. Simple algorithm. Drawing up the final sequence (chain) of objects, numbers, geometric shapes, etc. according to the rule. Logical reasoning. Completing, writing, and solving a simple algorithm.

Section:
Data handling.

Move 1 match stick so that equation becomes true.

$5 + 5 = 15$

The way to write numbers:

1234567890

Start over
Done
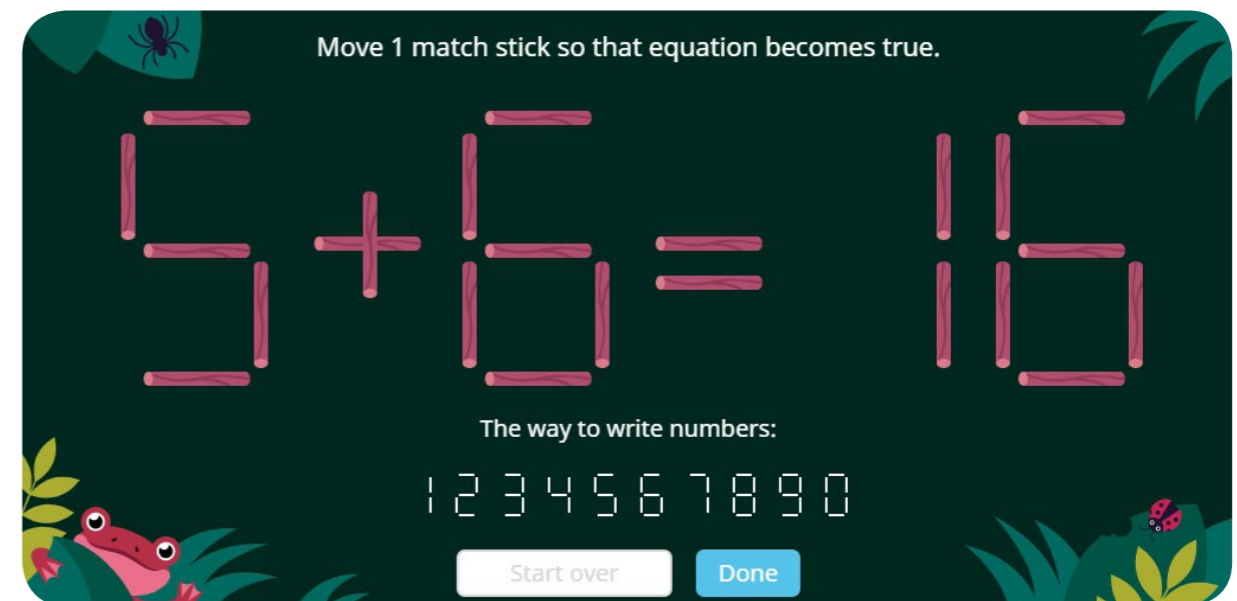
Matches

Difficulty level:
Difficult

Skills:
Establishing the relationship between the values presented in the task, planning the progress of solving the problem, the choice of actions. The relative position of objects in space and on the plane. Spatial imagination.

Section:
Spatial relations. Arithmetic operations.

08 : 00

Sonia's watch is 15 minutes late.
What will her watch show after the sixth lesson?
Lessons start at — 8:30 a.m.
Each lesson lasts for 40 minutes.
Break is for 15 mins after each lesson.

Click and scroll the
minute hand

Done

Time
on the watch

Difficulty level:
Easy

Skills:
Addition, Subtraction. Identifying the unknown
component of an arithmetic action. Analysis of the
received information. Logical and algorithmic thinking.

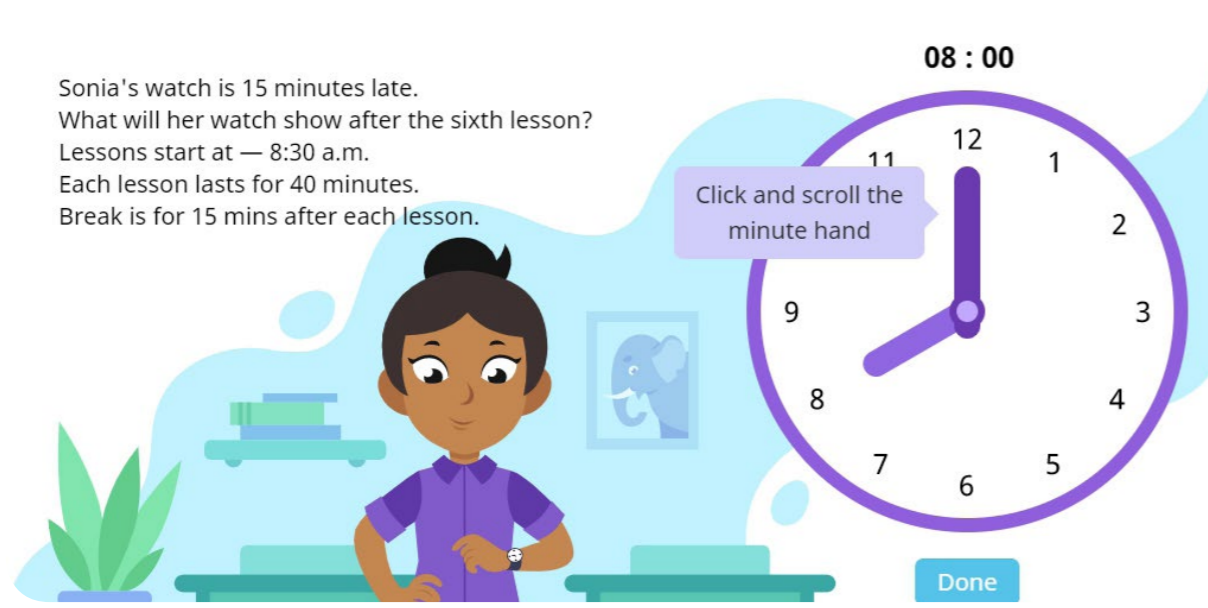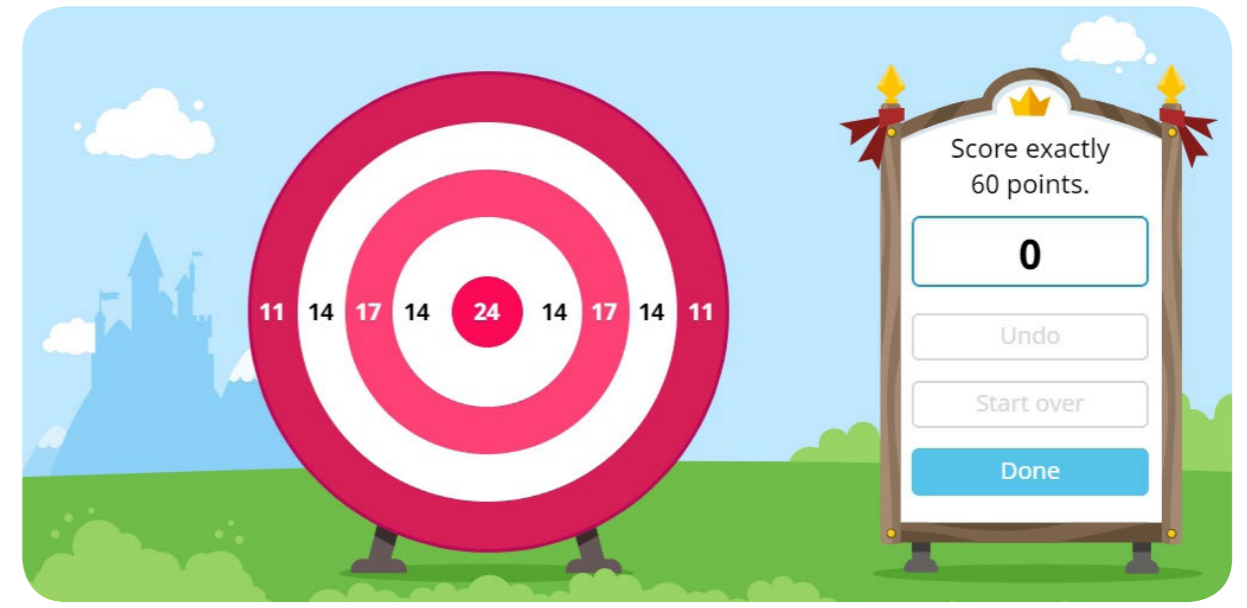**Section:**
Arithmetic operations. Data handling.

Score exactly
60 points.

0

Undo

Start over

Done

11 14 17 14 **24** 14 17 14 11

Target

Difficulty level:
Medium

Skills:
Logical and algorithmic thinking. Addition
and Subtraction. Identifying the unknown
component of an arithmetic action.

Section:
Arithmetic operations. Data handling.

Help the frog to get on any of the leaves. It can jump over snails,
but can't jump over empty leaves and cells. You can move the branch with pink snails to the left and right.

Undo

Start over

Done
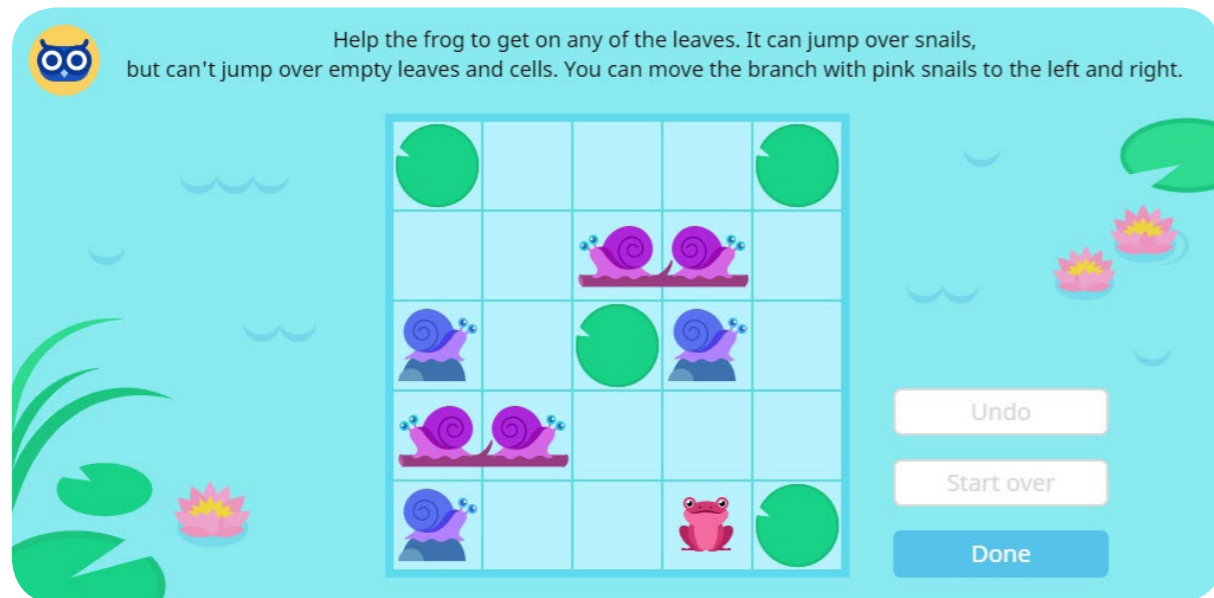
Snails
and frogs

Difficulty level:
Medium

Skills:
The relative position of objects in space and on the
plane. Planning the progress of solving the problem.

Section:
Spatial relations. Data handling.

Make shapes out of the dough which should be similar to the shape of the cookie given to you.
You may undo / redo the shape by clicking on it. Follow the instructions given to you.

Shape of the cookie

*Each cookie should have
exactly two berries.*

< Back   Save

Blueberry cookies

Difficulty level:
Difficult

Skills:
The relative position of objects in space and
on the surface. Planning the progress of
solving the problem. Basic arithmetic.

Section:
Spatial relationships. Visual geometry. Geometric shape.
Formation of ideas about the meta-subject concept of
"shape". Shapes in geometry and in the surrounding world.

Classes 5–12

Move the red ship from the parking lot to the pier. To do this, move other ships out of its way.

Start over

Done

Dragon ship

Difficulty level:
Easy

Skills:
The relative position of objects in space and on the plane.
Logical and algorithmic thinking, spatial imagination.

Section:
Spatial Relations and Spatial Thinking.

Drag the pink stone in the building
and bring it to the tower with elephant on it
so that the expression on other side matches.

Undo

Start over

Save

The mystery of the ancient temple

Difficulty level:
Difficult

Skills:
Addition, subtraction, division, multiplication.
Identifying the unknown component of an arithmetic
action. Logical and algorithmic thinking.
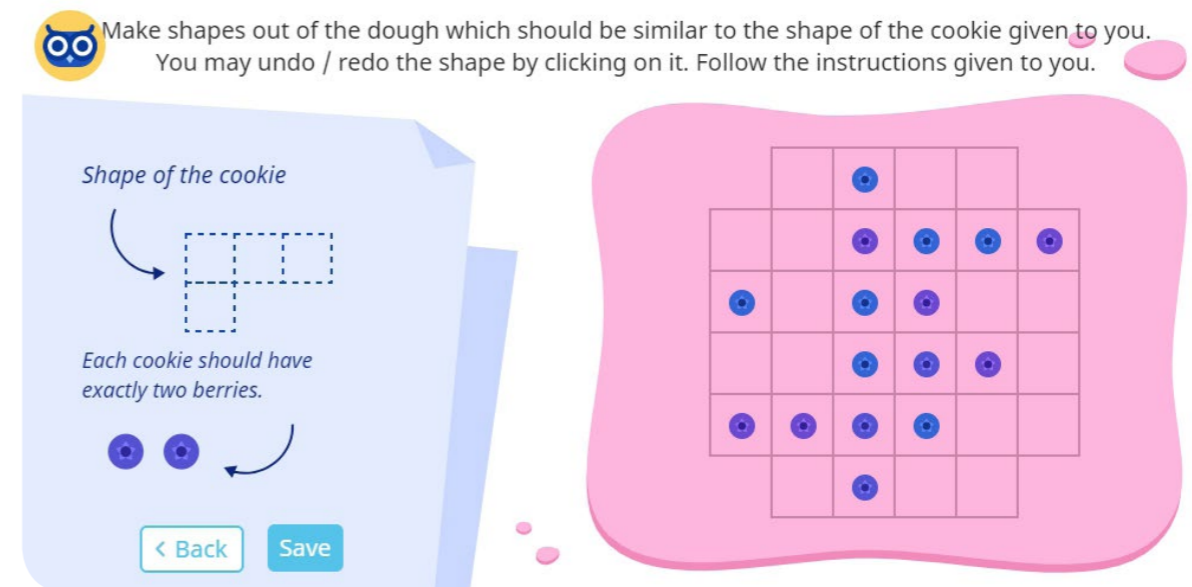
Section:
Spatial relations and spatial thinking. Arithmetic operations.

Make the red robot go into the space capsule with the minimum number of moves. You will get 10 points for 8 or less moves. The best result — 6 moves.

0
moves

Undo

Start over

Done

Robot

Difficulty level:
medium

Skills:
The relative position of objects in space and on the plane. Logical and algorithmic thinking, spatial imagination.

Section:
Spatial relations and spatial thinking.

Score exactly 100 points.

0

Undo

Start over

Done

29 35 26 29 14 29 26 35 29

Target

Difficulty level:
Easy

Skills:
Logical and algorithmic thinking. Addition, Subtraction. Identifying the unknown component of an arithmetic action.

Section:
Arithmetic operations. Data handling.

Fold and unfold the sheet along the lines and make only two holes so that on the unfolded sheet you get the same pattern as in the condition.
After one/first hole, you can fold the sheet again.

Condition:

To fold

Hole puncher

To unfold

Undo

Start over

Done

Hole punch

Difficulty level:
Difficult

Skills:
The relative position of objects in space and on the plane. Logical and algorithmic thinking, spatial imagination.
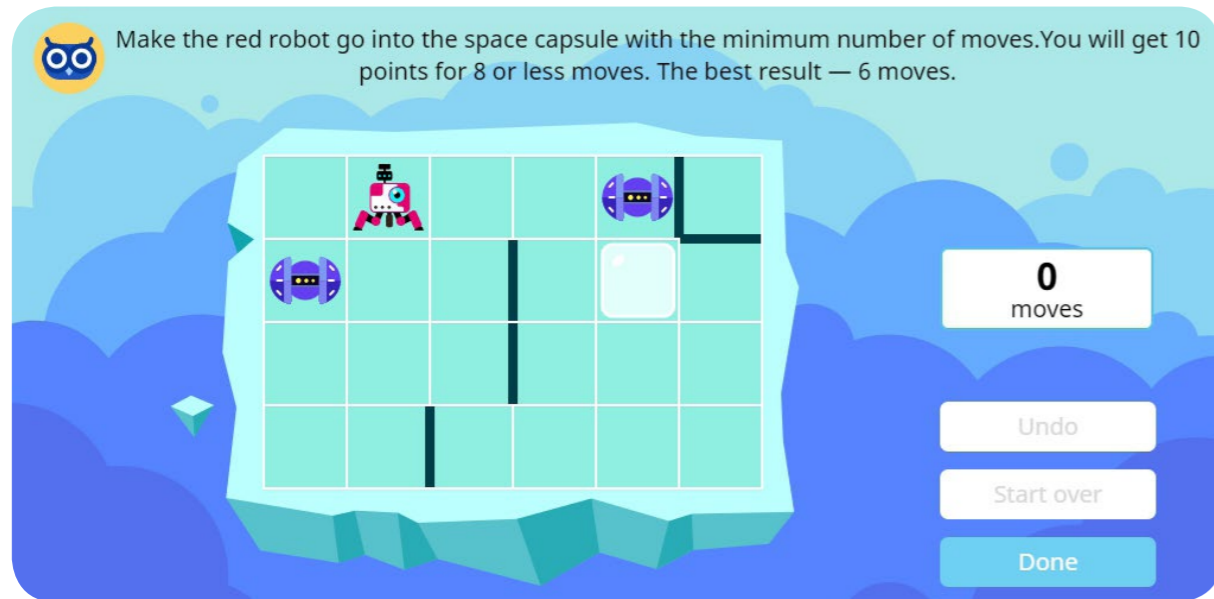
Section:
Spatial relations and spatial thinking.

All the rhinos should be in the white cells. Each rhino can jump over one or several rhinos. But it can not jump over empty cells.

Undo

Start over

Done

Rhinos

Difficulty level:
Easy

Skills:
The relative position of objects in space and on the plane. Logical and algorithmic thinking, spatial imagination.

Section:
Spatial relations and spatial thinking.

Insert the missing parts so that the lines of the same colours could connect.
Click on the parts to rotate them.

Done

Pattern

Difficulty level:
medium

Skills:
The relative position of objects in space and on the plane.
Logical and algorithmic thinking, spatial imagination.
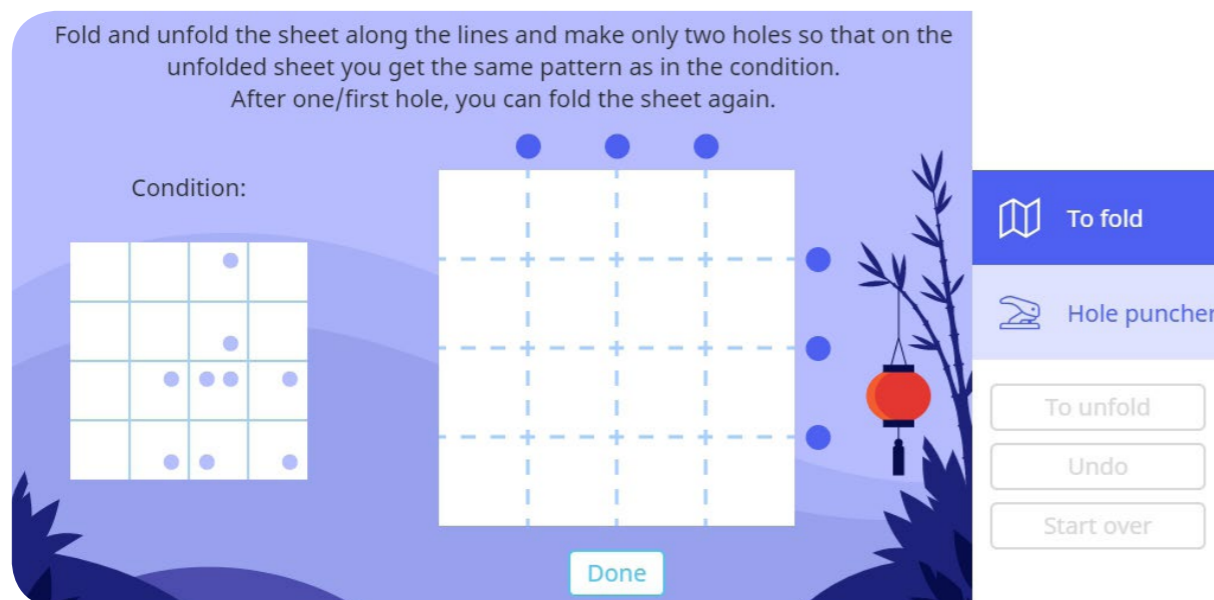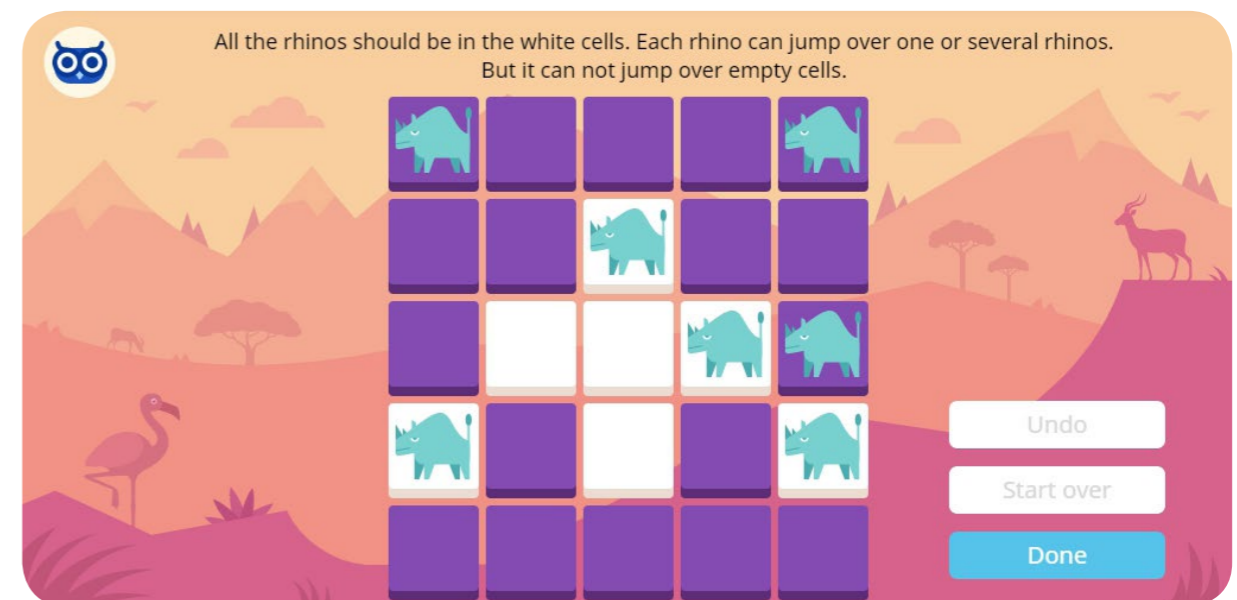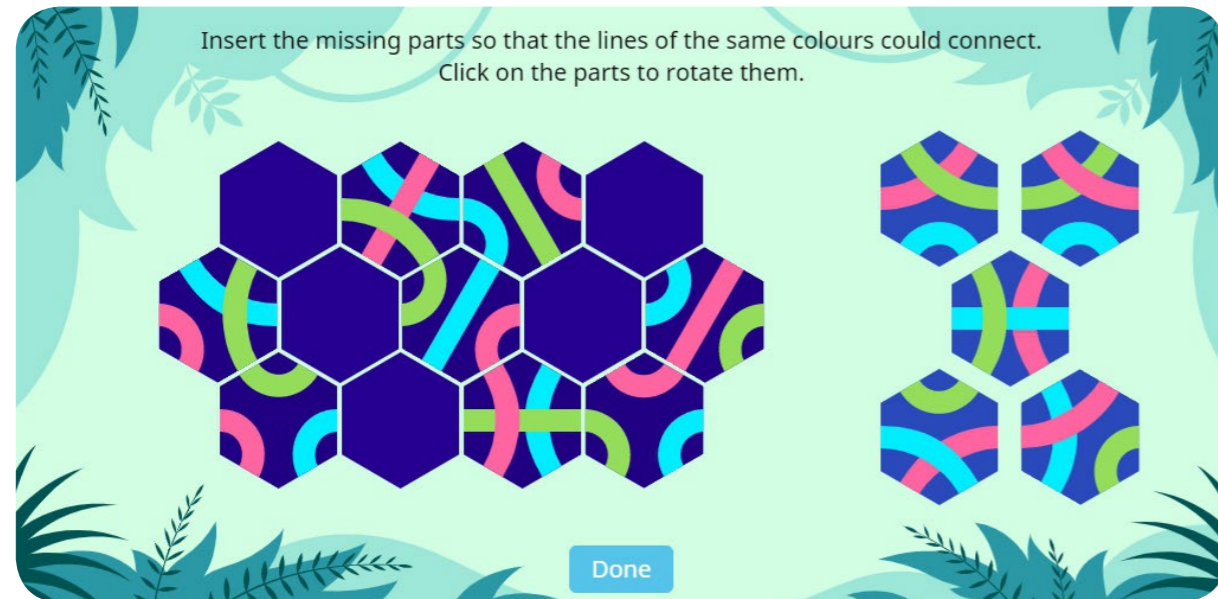
Section:
Spatial relations and spatial thinking.

Statistics over India

The total number of all the participants in the trial round from the all the BRICS countries reached 9,32,356 and 1,199,265 in the main round.

In India the total number of registered students during Oct 3 - Dec 13, 2019 was **5,98,669.**

529,619 of them were registered by teachers and **69,050** individually by parents.
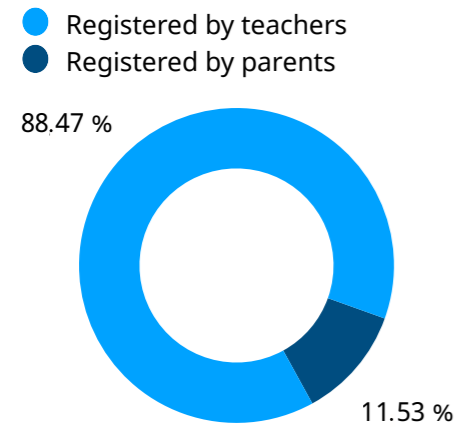
● Registered by teachers
● Registered by parents

88.47 %

11.53 %

Table 1. Total number of participants from each class

Class	Trials round	Main round
1	12854	14323
2	12854	14121
3	16121	17778
4	18556	20812
5	19356	20809
6	22265	26116
7	21459	27428
8	21172	27937
9	19710	26496
10	17168	20694
11	8897	12127
12	5628	7054
Total	196040	235695

Table 2. Main round. Number of participants by state and gender

State	Male Participants	Female Participants
West Bengal	3348	2166
Uttar Pradesh	14551	8773
Tripura	275	230
Telangana	5182	3713
Tamil Nadu	12912	11487
Sikkim	78	93
Rajasthan	4253	2960
Punjab	6035	5396
Puducherry	407	653
Odisha	3029	1931
Nagaland	189	152
Mizoram	108	106
Meghalaya	174	125
Manipur	581	526
Maharashtra	7021	4835
Madhya Pradesh	5231	3433
Kerala	3116	2740
Karnataka	5337	4556
Jammu and Kashmir	629	453
Himachal Pradesh	2408	1974
Haryana	7074	5344
Gujarat	3925	2567
Daman and Diu	2	14
Goa	355	285
Delhi	15233	10838
Chandigarh	431	295
Bihar	1587	590
Assam	1423	1550
Arunachal Pradesh	338	283
Andhra Pradesh	3225	2576
Andaman and Nicobar Islands	11	10
Chhattisgarh	4111	2906
Jharkhand	912	468
Uttarakhand	2592	1562
Individual participants (without school participation)	14290	8103

Marks criteria.

All the participants of the main round were divided into 3 groups, approx. 33%. The certificates were distirbutes based on the points and rating of the students in each class.

Class	Winner's certificate, no of points	Certificate of appreciation, no of points	Certificate of participation, no of points
1	80 - 65	64 - 35	34 - 1
2	80 - 65	64 - 35	34 - 1
3	80 - 60	59 - 30	29 - 1
4	80 - 55	54 - 30	29 - 1
5	70 - 40	39 - 20	19 - 1
6	70 - 40	39 - 20	19 - 1
7	70 - 55	54 - 30	29 - 1
8	70 - 55	54 - 30	29 - 1
9	70 - 60	59 - 40	39 - 1
10	70 - 65	64 - 40	39 - 1
11	70 - 65	64 - 40	39 - 1
12	70 - 65	64 - 40	39 - 1

Table 3. Avg. score % by state, levels of schooling and number of certificates

State	Avg. score, % classes 1-4	Avg. score, % classes 5-8	Avg. score, % classes 9-12	Winner's certificate	Certificate of appreciation	Certificate of participation
West Bengal	56.8527027	38.88925803	52.40120968	2520	1855	1139
Uttar Pradesh	47.43575261	37.89032933	50.44555938	8543	8589	6192
Tripura	51.74336283	44.71291866	53.49180328	208	236	61
Telangana	37.97191953	37.74621811	49.31298077	2926	3252	2717
Tamil Nadu	42.96273445	34.53589086	50.69625907	7498	9402	7499
Sikkim	66.75	38	50.57522124	45	84	42
Rajasthan	41.86676116	36.07090187	49.03822496	2182	2876	2155
Punjab	40.90536913	36.17526601	47.3314121	3365	4329	3737
Puducherry	28.29518072	33.98065764	49.75862069	238	477	345
Odisha	42.87694832	33.23156089	46.10780142	1527	1705	1728
Nagaland	50.2585034	37.25471698	47.75	103	152	86
Mizoram	62.36363636	45.70634921	48.27272727	81	92	41
Meghalaya	53.80769231	33.1056338	51.80152672	107	106	86
Manipur	43.09027778	44.4952381	52.98823529	449	365	293
Maharashtra	41.69490309	37.22786121	50.51083308	3955	4515	3386
Madhya Pradesh	32.8897893	36.76424646	47.95887962	2552	3111	3001
Kerala	50.57123835	33.76030369	47.93387909	1880	2161	1815
Karnataka	45.71272409	37.54834348	51.16692963	3673	3585	2635
Jammu and Kashmir	39.95833333	36.5915493	46.06956522	289	473	320
Himachal Pradesh	45.82017544	42.09723757	49.06302966	1453	1889	1040
Haryana	46.1415616	33.78696478	46.8590434	3907	4625	3886
Gujarat	41.60090961	36.039544	49.66303219	2019	2459	2014
Daman and Diu		32.625		4	6	6
Goa	30.87692308	38.94190871	54.72661871	144	262	234
Delhi	41.92978972	33.07519766	45.87880851	7419	9542	9110
Chandigarh	53.55327869	36.78145695	48.95	256	307	163
Bihar	47.15428571	38.98336414	51.26442953	721	961	495
Assam	44.95214106	37.11720511	45.81526104	1024	920	1029
Arunachal Pradesh	44.91005291	32.9676259	41.5	180	229	212
Andhra Pradesh	44.04291045	39.35534125	49.54648303	2030	2207	1564
Andaman and Nicobar Islands		22.1	42.63636364	1	9	11
Chhattisgarh	37.32146249	34.36799436	50.36210222	1865	2847	2305
Jharkhand	59.33877551	46.28062678	46.47806005	698	355	327
Uttarakhand	39.65196998	32.10732833	42.52546125	931	1627	1596
Individual participants (without school participation)	56.08347799	40.95405313	48.94921071	10087	7145	5161
Total				**74880**	**82755**	**66431**

Table 4. Avg. score by state and gender

State	Avg. score, boys	Avg score, girls
Puducherry	46.53316953	33.82082695
Jammu and Kashmir	42.0508744	38.01324503
Chandigarh	46.35034803	44.09830508
Meghalaya	42.53448276	43.88
Daman and Diu	34	32.42857143
Sikkim	49.33333333	45.01075269
Delhi	40.19352721	37.00424433
Arunachal Pradesh	41.52071006	35.37102473
Andaman and Nicobar Islands	32.18181818	33.6
Uttarakhand	38.50462963	35.67797695
Manipur	48.28055077	43.27756654
Himachal Pradesh	47.25539867	43.75734549
Mizoram	48.93518519	46.00943396
Assam	46.26633872	37.71096774
Goa	39.91549296	38.07017544
Madhya Pradesh	41.69489581	38.10573842
Telangana	41.76283288	38.76514947
Maharashtra	43.37459051	39.87880041
Andhra Pradesh	45.66449612	41.45031056
Tamil Nadu	42.76579926	38.7890659
Uttar Pradesh	45.60153941	42.36156389
Jharkhand	50.11732456	45.82264957
Tripura	51.71272727	46.7826087
West Bengal	49.26224612	50.54939982
Haryana	42.35378092	40.61957335
Chhattisgarh	41.54414984	37.77150723
Rajasthan	42.13214202	40.09560811
Punjab	42.83479702	38.51352854
Kerala	44.78722721	38.65
Bihar	45.59672338	41.54915254
Gujarat	43.56636943	38.56330347
Nagaland	43.7037037	47.88815789
Odisha	40.93234323	36.63904713
Karnataka	45.40715758	41.91330114
Individual participants (without school participation)	48.39335199	46.85462175

Register and compete
on the website
BRICSMATH.COM

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Recognition:

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How to participate in BRICSMATH.COM+

It gives us great pleasure to invite you to participate in BRICSMATCH.COM+, the 4th International Online Competition in Mathematics. After the tremendous success of the BRICSMATH competition in 2019, the geography of the competition has been expanding. Now students from seven countries will be able to take part: Brazil, Russia, India, China, South Africa, Indonesia and Vietnam. The purpose of the competition is to cultivate students' interest in mathematics and to develop their logical reasoning skills, as well as to unite children from different countries.

The format
The competition is held online on the website **www.bricsmath.com** and is completely free. To take part in the competition, students need to have access to a computer or tablet with a modern browser and Internet connection. The fun and interactive tasks of the competition are designed in a child-friendly game form. The tasks persuade the students to think outside the box but do not require any preparation or prior knowledge of the mathematics syllabus. The competition tasks will be available for all classes in Portuguese, Russian, English, Hindi, Marathi, Chinese, Indonesian and Vietnamese.

The dates
The 2020 BRICSMATH.COM+ competition will be held in two rounds: the trial round (from October 19 to November 15) and the main round (from November 16 to December 20). The trial round gives students the opportunity to practice the tasks and familiarise themselves with the platform before finally taking part in the main round. The results of the trial round do not reflect in the main round. In the main round, students have an allotted period of 60 minutes to complete the competition tasks.

Registration of teachers and students
Teachers register their students on www.bricsmath.com and select the country, class and language. Teachers save students' individual logins and passwords and send them to their students. Using their logins and passwords, students then log in on www.bricsmath.com and solve the tasks.

Results and rewards
After December 20, upon the completion of the BRICSMATH.COM+ competition, all the students and teachers will receive certificates that will be available in their personal accounts on www.bricsmath.com. The top winners will be awarded gift cards worth Rs. 500.

The accessible online format allows every child to take part in the competition regardless of their level of knowledge or their social and geographical background. For that reason, we recommend giving every student the opportunity to participate.

For more information, please write to us at info@bricsmath.com.