CBSE/DIR(ACAD)/2020 **April 9, 2020**
Notification: 45

NOTIFICATION

Subject: BRICS Math Online Competition 2020 – reg.

BRICSMATH.COM is an annual International Online Competition in Mathematics, for students of classes I – XII of 07 BRICS countries (Brazil, Russia, India, China and South Africa, Indonesia and Vietnam).The competition is held online on the website www.bricsmath.com and is completely free of cost.

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

This year the preparatory round for the online competition is scheduled from 22nd April 2020 to 22nd May 2020. The main competition will take place in July-October 2020.

The details of the competition are enclosed for information and participation of students of all the affiliated schools of the Board, on voluntary basis.

(Dr. Joseph Emmanuel)
Director (Academics)

Encl: as above

Copy to the respective Heads of Directorates, Organizations and Institutions as indicated below with a request to disseminate the information to all the schools under their jurisdiction:

1. The Commissioner, KendriyaVidyalayaSangathan, 18-Institutional Area, Shaheed Jeet Singh Marg, New Delhi-16
2. The Commissioner, NavodayaVidyalayaSamiti, B-15, Sector-62, Institutional Area, Noida201309
3. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi-110 054
4. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh-160017
5. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim –737101
6. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar –791 111
7. The Director of Education, Govt. of A&N Islands, Port Blair – 744101
8. The Director of Education, S.I.E., CBSE Cell, VIP Road, Junglee Ghat, P.O. 744103, A&N Island
9. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector 3, Rohini
10. The Additional Director General of Army Education, A – Wing, SenaBhawan, DHQ, PO, New Delhi-110001
11. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202,Shankar Vihar (Near APS), Delhi Cantt-110010
12. The Under Secretary (EE-1), MHRD, Govt. of India, Department of SE&L, ShastriBhawan, New Delhi-01
13. All Regional Directors/Regional Officers of CBSE with the request to send this circular to all the Heads of the affiliated schools of the Board in their respective regions
14. All Joint Secretary/ Deputy Secretary/ Assistant Secretary / Analyst, CBSE
15. All Head(s)/ In-Charge(s), Centre of Excellence, CBSE
16. In charge IT Unit with the request to put this circular on the CBSE Academic website
17. In-Charge, Library
18. The Senior Public Relations Officer, CBSE
19. PPS to Chairperson, CBSE
20. SPS to Secretary, CBSE

21. SPS to Controller of Examinations, CBSE
22. SPS to Director (Information Technology), CBSE
23. SPS to Director (CTET), CBSE
24. SPS to Director (Professional Examinations), CBSE
25. SPS to Director (EDUSAT), CBSE
26. SPS to Director (Academics), CBSE
27. SPS to Director (Skill Education& Training), CBSE
28. Record File

(Dr. Joseph Emmanuel)
Director(Academics)

BRICSMATH.COM+

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

A competition that brings children from 7 countries together

April 22 – May 22, 2020

What is BRICSMATH.COM+ ?

BRICSMATH.COM + is a large preparatory round for the 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.

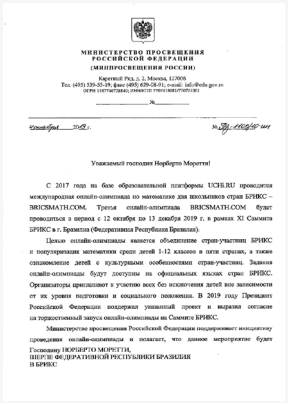
Chronology of BRICSMATH.COM

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, INDIA

MINISTRY OF EDUCATION OF THE PEOPLE'S REPUBLIC OF CHINA

DEPARTMENT OF BASIC EDUCATION REPUBLIC OF SOUTH AFRICA

Media about us

JAGRAN Josh

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

NOV 8, 2019

中国网 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

Dates of BRICSMATH.COM+

22 April – 22 May 2020

- The competition consists of the best tasks of past years and provides an opportunity to practice solving non-standard problems.
- Each participant has the opportunity to solve interactive tasks without any restrictions.



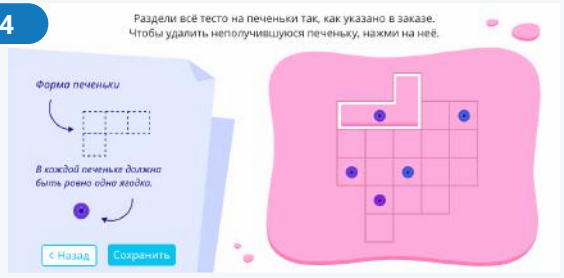


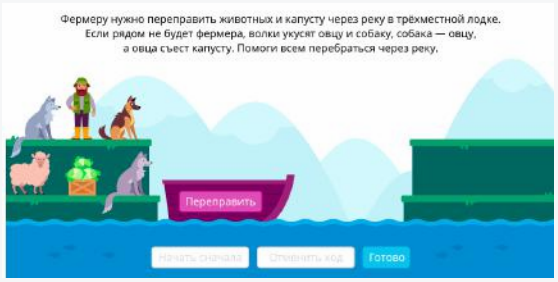
The uniqueness of the BRICSMATH.COM+ competition

- Every student from Brazil, Russia, India, China, South Africa, Indonesia and Vietnam can take part in the competition BRICSMATH.COM+.
  All they need is an electronic device with an Internet connection.
- The Competition consists of 10 colourful 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, Indonesian and Vietnamese.

Examples of the tasks BRICSMATH.COM+

Classes 1-4





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.

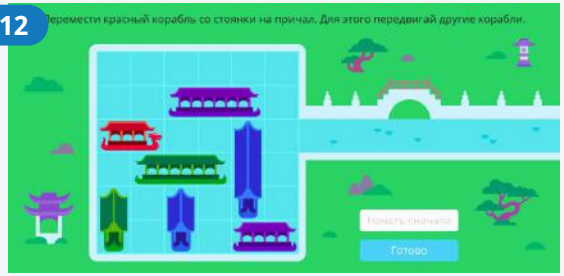
Section: Spatial relationships. Visual geometry. Geometric shape. Formation of ideas about the meta-subject concept of “shape”. Shapes in geometry and in the surrounding world.

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.

Classes 5 - 12



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 April–May 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 of BRICSMATH.COM+

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

Teachers can print out the certificates and organise an award ceremony at their schools.

Register and compete on the website

BRICSMATH.COM

info@bricsmath.com

Partners:

FICCI Arise STUDENT FIRST

FICCI

NITI Aayog

ATAL INNOVATION MISSION

BRICSMATH.COM+
Preparatory round

How to participate in BRICSMATH.COM+

It gives us a great pleasure to invite you all to participate in the Preparatory round of the International Online Competition in Mathematics called BRICSMATH.COM+. After the tremendous success of BRICSMATH, in 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 purpose of the competition is to cultivate an interest in Mathematics for students and develop their logical reasoning skills, as well to unite children from different countries.

The format -

The competition is held online on the website **bricsmath.com** and is completely free of cost. 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 get students to think outside the box but do not require any prior knowledge of Mathematics syllabus or any preparation. The competition tasks will be available for all classes in Portuguese, Russian, English, Hindi, Chinese, Indonesian and Vietnamese languages.

The Dates -

The Preparatory round of BRICSMATH.COM+ competition will be held - from April 22 to May 22. It will consist of one of the best tasks of the previous years' competitions. Each participant has the opportunity to solve interactive tasks without any restrictions or time bounds.

Registration of teachers and students -

Teachers register their students on bricsmath.com and select the country, class, and language. Teachers print out students' individual logins and passwords and send them to their students. Using their own logins and passwords students log in on bricsmath.com and solve the tasks.

Results and rewards -

Upon the completion of the BRICSMATH.COM+, after May 22, all the students will get certificates that will be available in their personal accounts on bricsmath.com.

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

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

FICCI Arise STUDENT FIRST

FICCI

सत्यमेव जयते NITI Aayog

ATAL INNOVATION MISSION

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 on-line 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.

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.

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.

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.

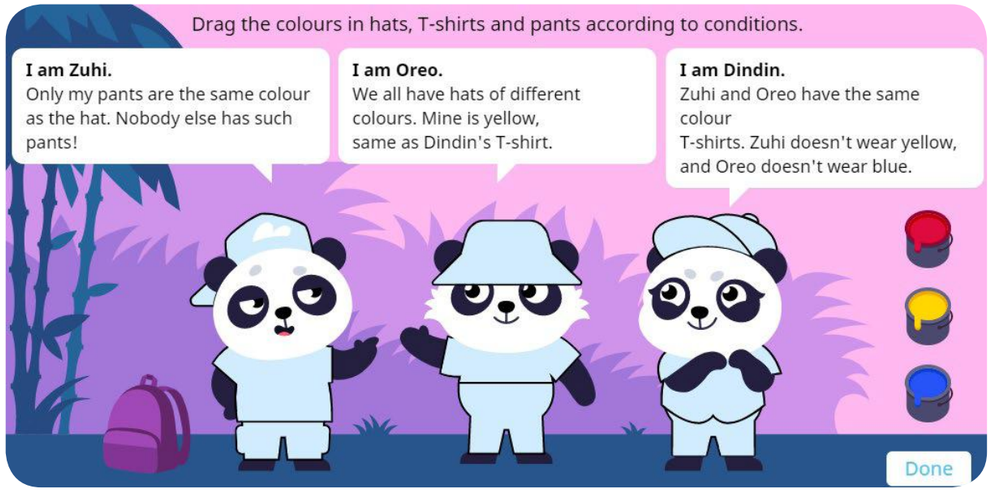
Classes 1–4

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.

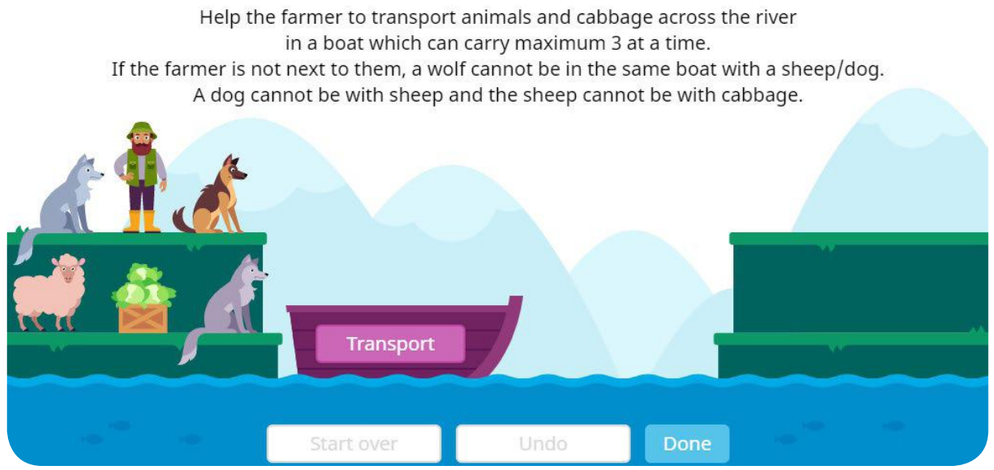


Logical colouring book

Difficulty level:
Easy

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

Section:
Data handling.

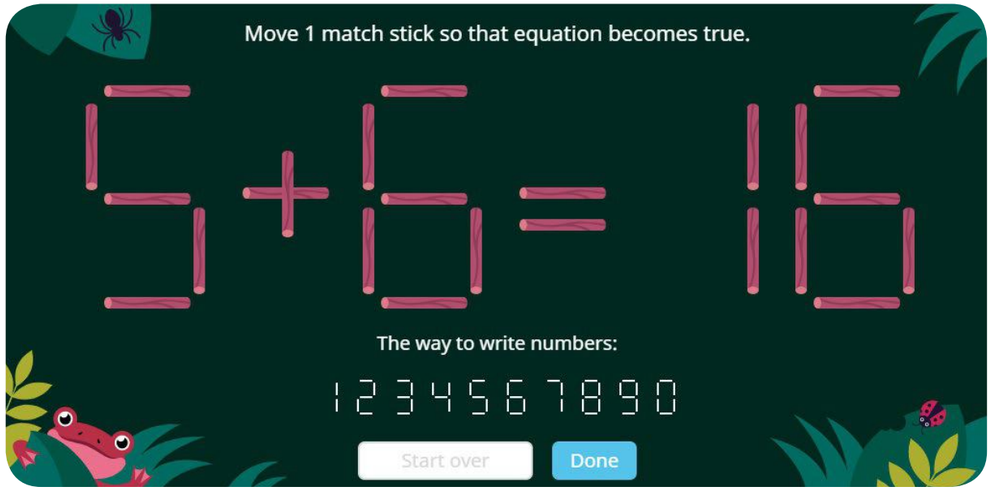


Crossing the river

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.



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.

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.

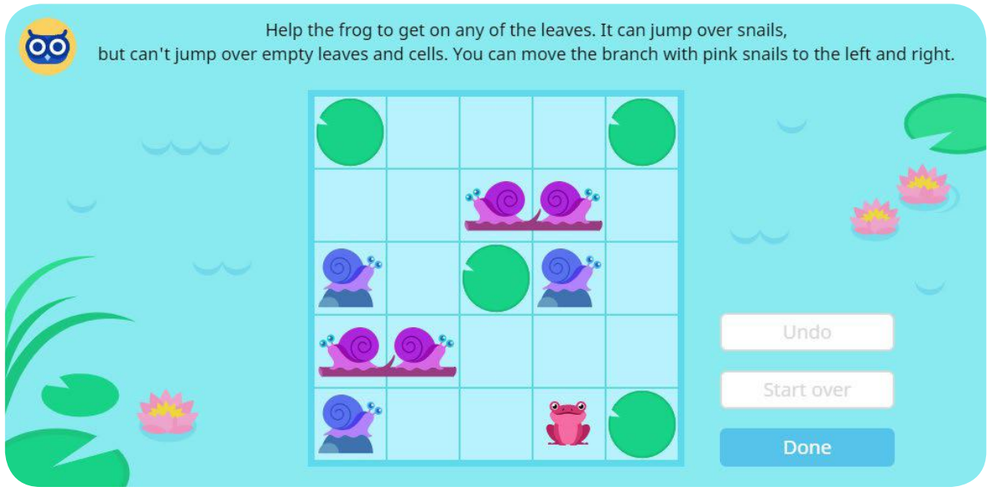
Section:
Arithmetic operations. Data handling.

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.

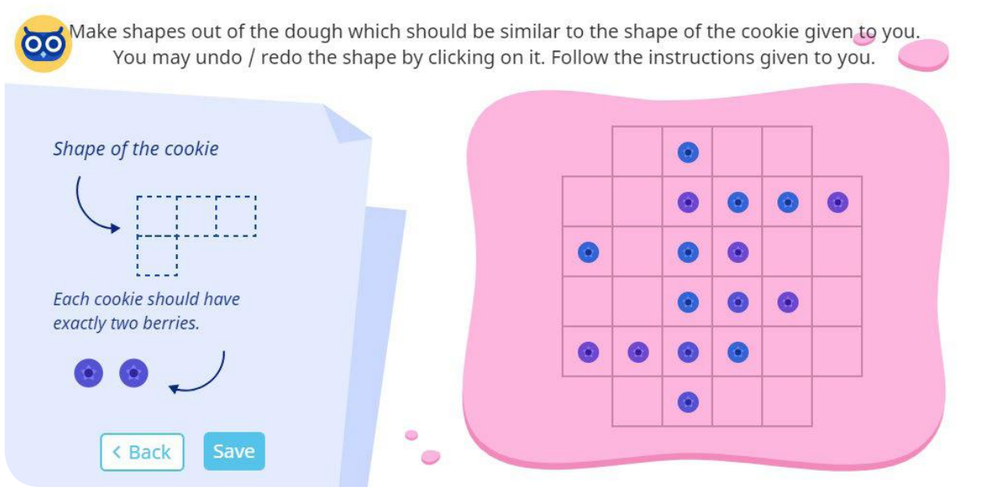


Snails and frogs

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.



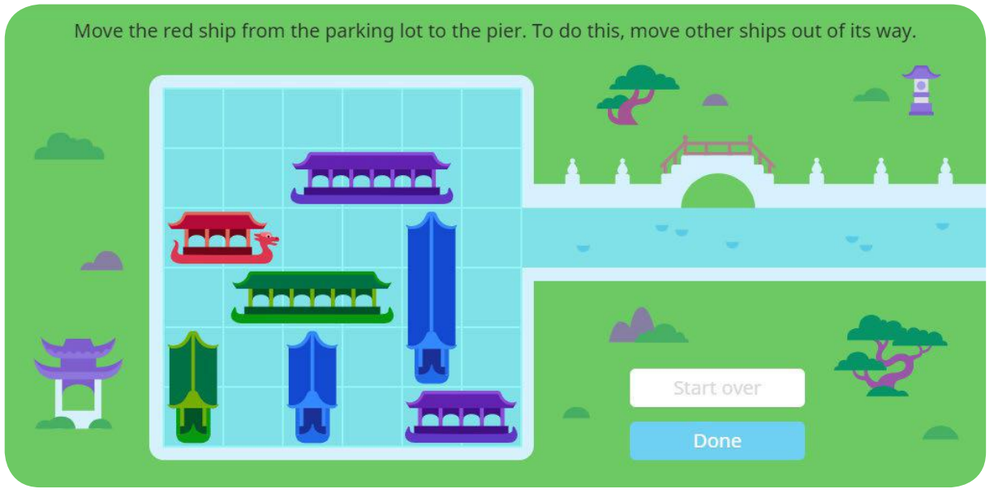
Blueberry cookies

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

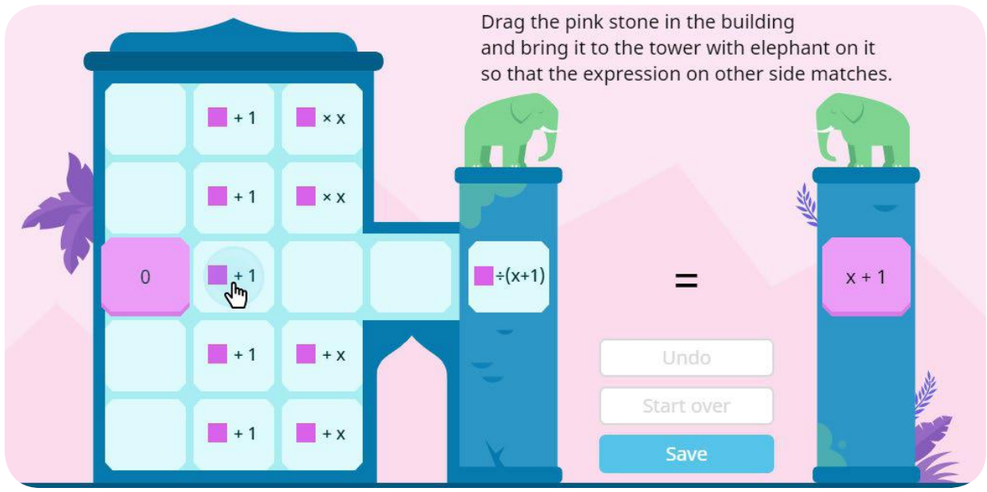


Dragon ship

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.

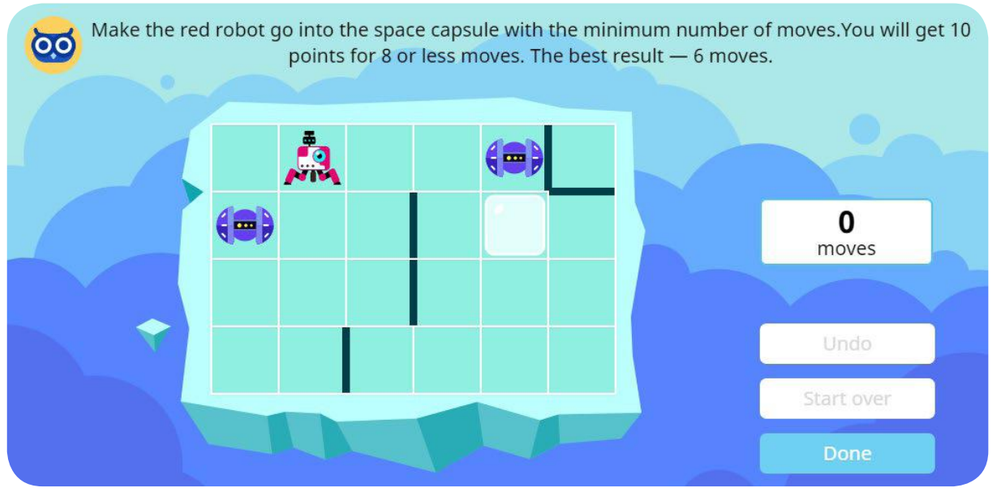


The mystery of the ancient temple

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.



Robot

Difficulty level:
medium

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

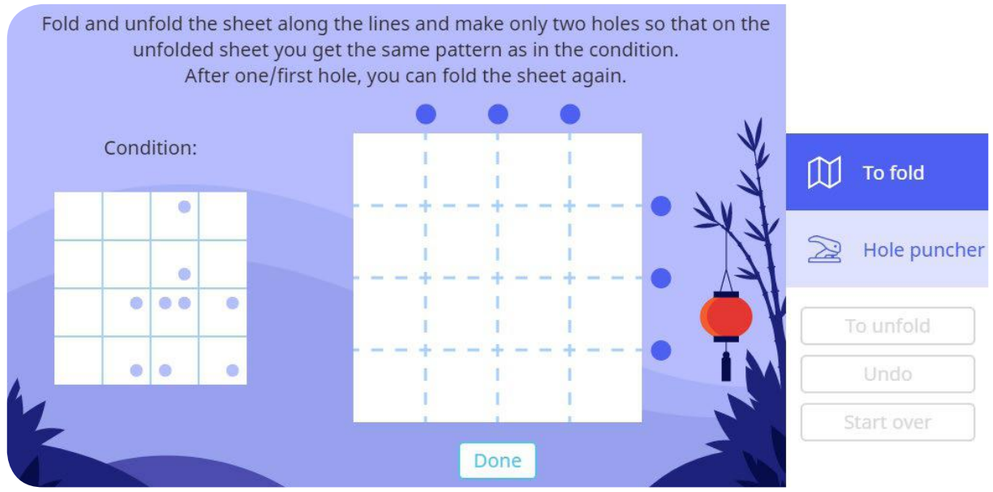
Section:
Spatial relations and spatial thinking.

Target

Difficulty level:
Easy

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

Section:
Arithmetic operations. Data handling.

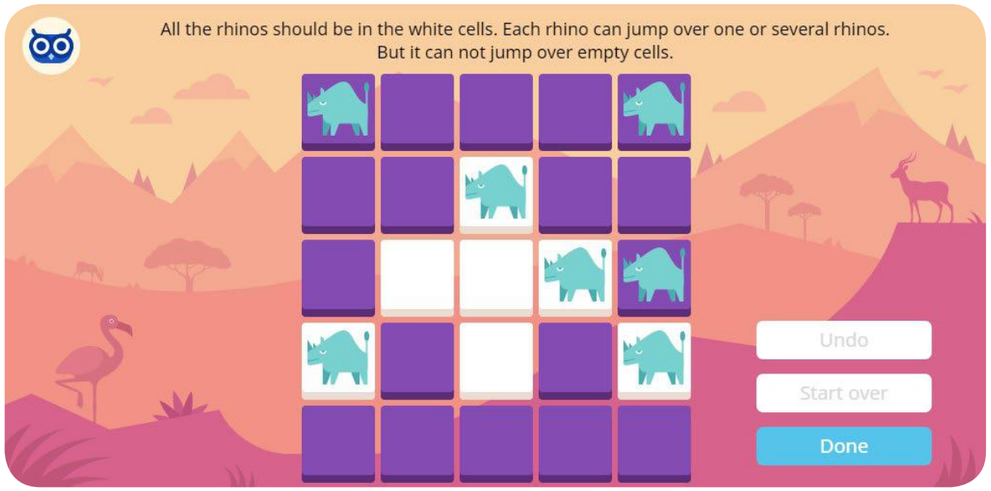


Hole punch

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.

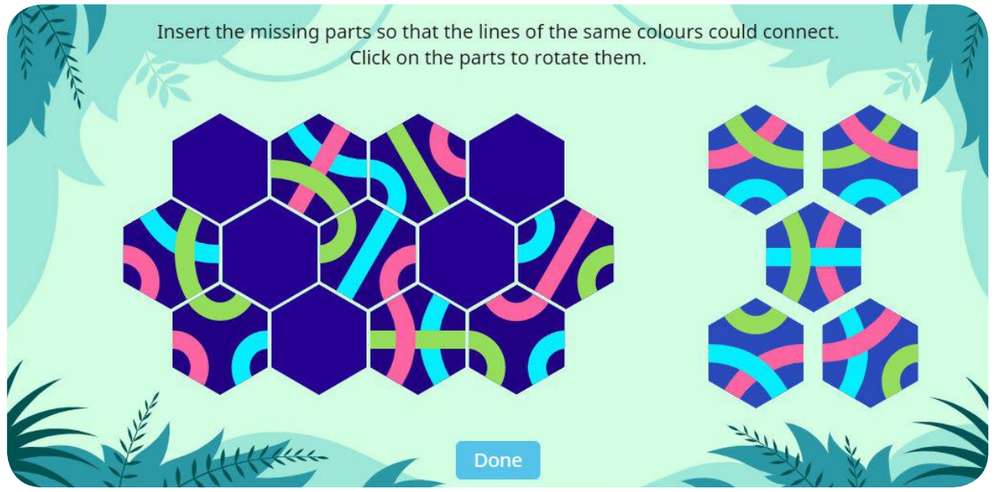


Rhinos

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.



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.

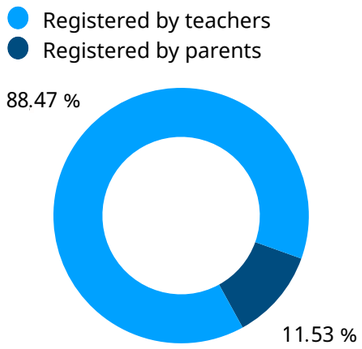


Table 1. Total number of participants from each class

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

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