

# **BANASTHALI PUBLIC SCHOOL**

G-Block, Vikas Puri, New Delhi-110018

## **“BRICS MATH ONLINE COMPETITION 2020”**

**Circular No. BPS/20-21/56**

**Date: 09.12.2020**

Dear Parent,

With reference to the Circular No. CBSE/Dir(ACAD)/2020 dated 03.12.2020 issued by CBSE, regarding **“BRICS Math Online Competition 2020”** for the students of Classes I to XII of **07 BRICS countries (Brazil, Russia, India, China and South Africa, Indonesia and Vietnam)**.

The competition will be held Online on the website [www.bricsmath.com](http://www.bricsmath.com) and is completely free of cost. To participate in **BRICSMATH.COM**, a student needs to have access to a computer or tablet connected to the internet.

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

The 4<sup>th</sup> BRICSMATH.COM Competition in Mathematics is being held from **16<sup>th</sup> November to 20<sup>th</sup> December 2020**. The details of the competition are attached and also are available on the given link:

[http://cbseacademic.nic.in/web\\_material/Notifications/2020/105\\_Notification\\_2020.pdf](http://cbseacademic.nic.in/web_material/Notifications/2020/105_Notification_2020.pdf)

After participation, it is mandatory for the student to **send the details of their participation certificate & details of the activity done**, to the school for office record by mailing at:

E-mail ID : [bpscreativity@gmail.com](mailto:bpscreativity@gmail.com)

in the given format latest by **21<sup>st</sup> December 2020 (Monday)**

1. NAME OF THE STUDENT:

2. ADMISSION NO.:

3. CLASS & SEC.:

4. EVENT: **BRICS MATH 2020**.

and the **SUBJECT** of E-mail should be:

<CLASS> <SEC> <ADM. NO.> <NAME OF THE STUDENT> <EVENT>

e.g. *7A-3826-BRICS MATH 2020*.

**All the Parents are requested to encourage their wards to participate in the Competition enthusiastically.**

Principal



केन्द्रीय माध्यमिक शिक्षा बोर्ड  
( शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन )  
**CENTRAL BOARD OF SECONDARY EDUCATION**  
(An Autonomous Organisation under the Ministry of Education, Govt. of India)



CBSE/ Dir(ACAD)/ 2020

December 03, 2020

**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](http://www.bricsmath.com) and is completely free of cost. To participate in BRICSMATH.COM, a student needs to have access to a computer or tablet connected to the internet.

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The 4<sup>th</sup> BRICSMATH.COM competition in Mathematics is being held from 16<sup>th</sup> November to 20<sup>th</sup> December 2020. The details of the competition are enclosed for information.

All school heads are requested to encourage participation of students in the competition on voluntary basis.

  
**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, Kendriya Vidyalaya Sangathan, 18-Institutional Area, Shaheed Jeet Singh Marg, New Delhi-16.
2. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector-62, Institutional Area, Noida 201309 3.
3. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi-110054
4. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh-160 017
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



‘शिक्षा सदन’, 17 राऊज़ एवेन्यू, इंस्टीटूशनल एरिया, नई दिल्ली-110002  
**‘Shiksha Sadan’, 17, Rouse Avenue, Institutional Area, New Delhi – 110002**





सत्यमेव जयते

# केन्द्रीय माध्यमिक शिक्षा बोर्ड

( शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन )

## CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organisation under the Ministry of Education, Govt. of India)



8. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector 3, Rohini
9. The Additional Director General of Army Education, A – Wing, Sena Bhawan, DHQ, PO, New Delhi-110001
10. The Secretary AWES, Integrated Headquarters of MoD (Army), FDR Building No. 202, Shankar Vihar (Near APS), Delhi Cantt-110010
11. 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
12. All Heads/ In-Charges, COEs of the Board with request to disseminate the information
13. All Joint Secretary/Deputy Secretary/Assistant Secretary, CBSE
14. In charge IT Unit with the request to put this circular on the CBSE Academic website
15. The Public Relations Officer, CBSE
16. PS to Chairperson, CBSE
17. SPS to Secretary, CBSE
18. SPS to Controller of Examinations, CBSE
19. SPS to Director (Information Technology), CBSE
20. SPS to Director (CTET)
21. SPS to Director (Edusat)
22. SPS to Director (Academics) CBSE.

**Joseph Emmanuel**  
Director (Academics)



‘शिक्षा सदन’, 17 राऊज़ एवेन्यू, इंस्टीटूशनल एरिया, नई दिल्ली-110002  
‘Shiksha Sadan’, 17, Rouse Avenue, Institutional Area, New Delhi – 110002



# BRICS MATH.COM+2020



The 4th international online mathematics competition —  
**BRICS MATH.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 **BRICSMATH.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 the official languages of each participating country.

**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+ will be held for the fourth time and is dedicated to the 12th BRICS Summit which will take place in Russia.

## **BRICSMATH.COM+**

The competition was included in the [Brasilia Declaration](#) of the 11th BRICS Summit.

**2017**

**1st competition**

9th BRICS Summit,  
China

**670 000**

PARTICIPANTS  
FROM 5 COUNTRIES

**2018**

**2nd competition**

10th BRICS Summit,  
South Africa

**1 000 000**

PARTICIPANTS  
FROM 5 COUNTRIES

**2019**

**3rd competition**

11th BRICS Summit,  
Brazil

**1 600 000**

PARTICIPANTS  
FROM 5 COUNTRIES

**2020**

**4th competition**

12th BRICS Summit,  
Russia

**3 000 000**

PARTICIPANTS ARE EXPECTED

# Recognition and support **BRICS MATH.COM+**



MINISTRY OF ENLIGHTENMENT OF THE RUSSIAN FEDERATION



MINISTRY OF HUMAN RESOURCE DEVELOPMENT, INDIA



CENTRAL BOARD OF SECONDARY EDUCATION, INDIA



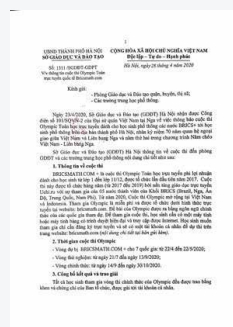
MINISTRY OF EDUCATION OF THE PEOPLE'S REPUBLIC OF CHINA



BASIC EDUCATION REPUBLIC, SOUTH AFRICA



HANOI DEPARTMENT OF EDUCATION AND TRAINING, VIETNAM



MINISTRY OF RELIGIOUS AFFAIRS, INDONESIA



## Media about us



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

NOV 8, 2019



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



Registrations open for an online international Mathematics competition for school students

November 23, 2019



Запустилась международная онлайн-олимпиада по математике на платформе Учи.ру

15 ноября 2019



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

26 nov 2019



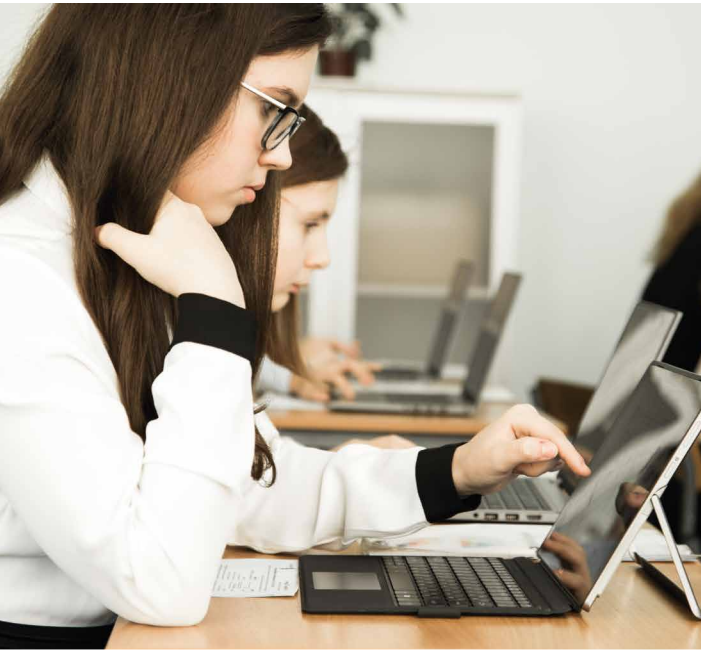
Cơ hội cho học sinh Việt Nam tham gia Olympic Toán học trực tuyến qua nền tảng Uchi.ru của Nga

17.05.2020



Dragonlearn, Cara Seru Belajar Matematika Secara Online

16.05.2020



## Feedback about us



Great and stimulating for children's learning.  
*(Mirelly Santos, teacher, São Paulo, 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, South Africa)*

# Dates of **BRICS**MATH.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**

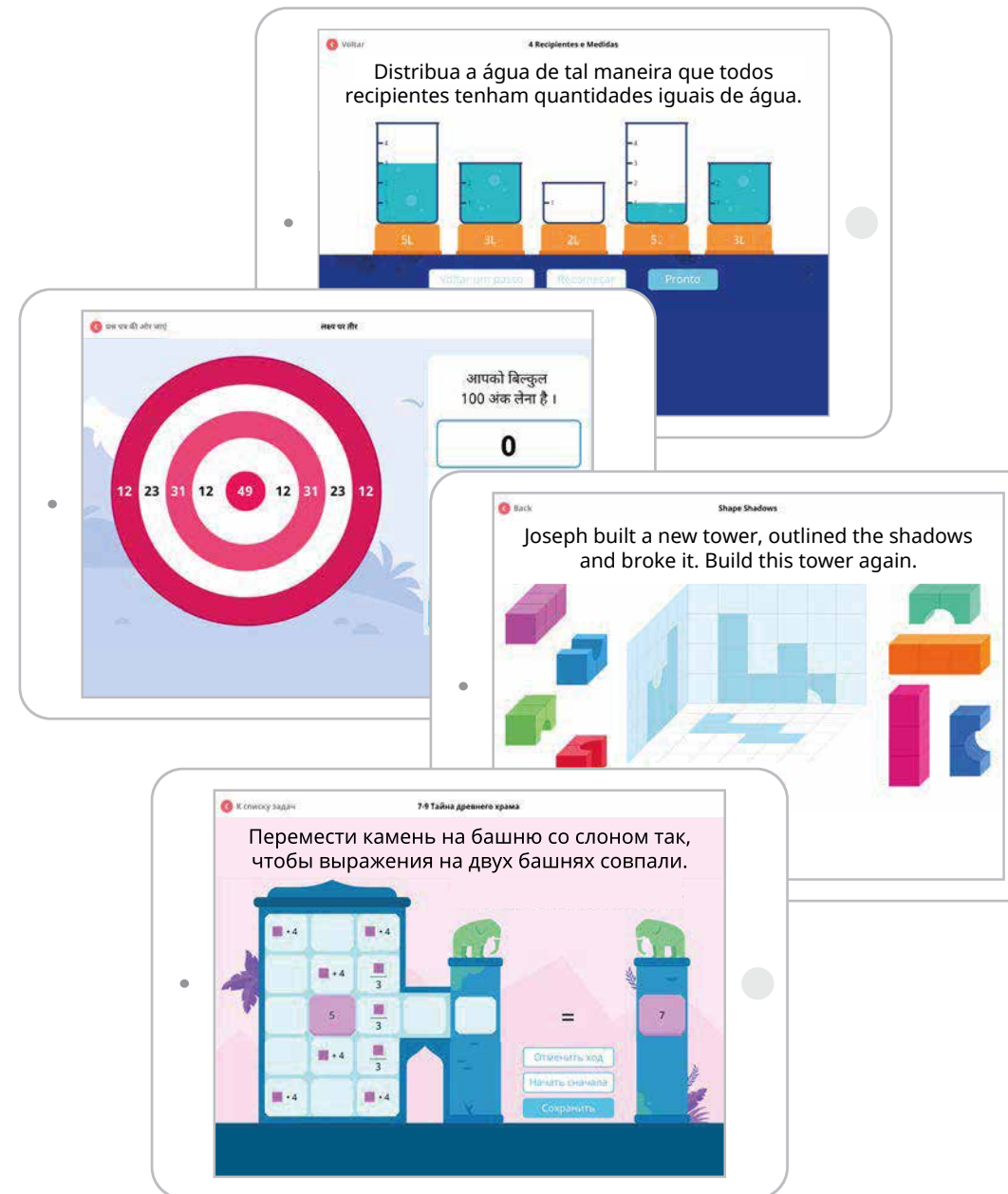
- In the main round, students will have only 60 minutes to complete the tasks. They can solve the main round on any day during the competition.
- It is not mandatory to complete the trial round tasks before solving the main round.





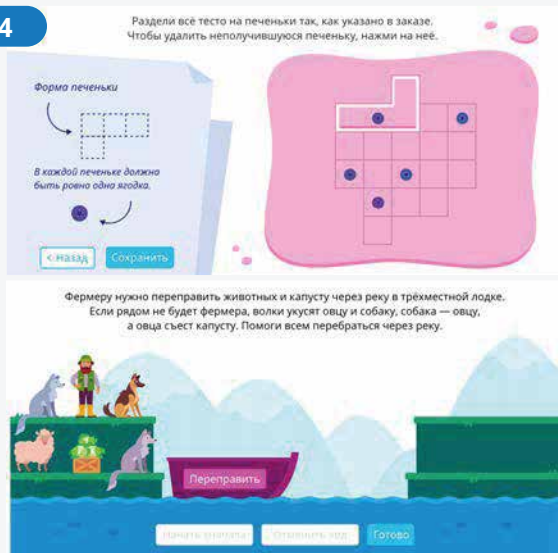
# The uniqueness of the **BRICSMATH.COM+** competition

- Any student from each of the 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 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, English, Hindi, Marathi, Chinese, Vietnamese and Indonesian.



# Examples of the tasks

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.

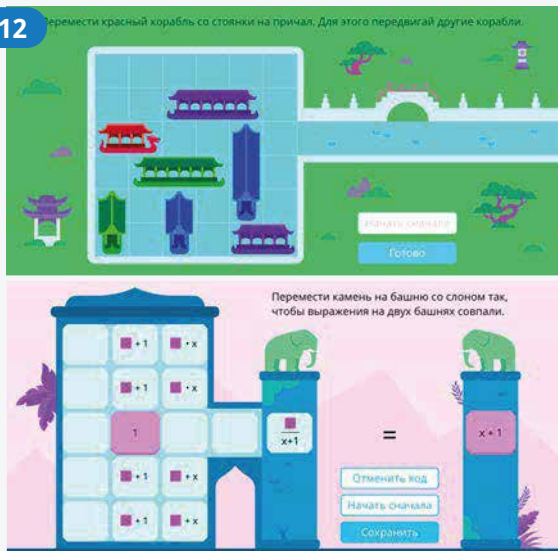
**Section:** Spatial relationships. Visual geometry. Geometric shapes. Formation of ideas about the meta-subject concept of “shape”. Shapes in geometry and in the surrounding world.

## 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.

# BRICS MATH.COM+

will take place in October–December 2020



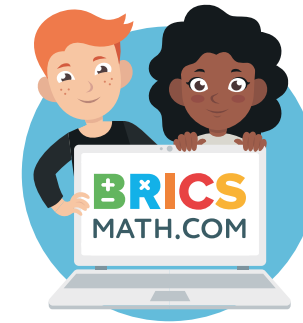
### To participate you need:

- A computer or a tablet.
- Internet access.



### Teachers and Parents:

- Register their students on the website.
- Choose the class and language.
- Can print out or save logins and passwords in PDF file and distribute it to their students.



### 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](http://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:

