

No. EDN-KGR (G-3) CSC-2020 3884-87

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10/09/2020

O/o Deputy Director of Elementary Education, Kangra,
Kangra at Dharamshala H.P.

To

All Principals/Headmasters/ BRCC. Up. Primary /Incharges
Govt. /Private (Sr. Sec./High/Middle Schools)
District Kangra H.P.

Subject: CHILDREN SCIENCE CONGRESS ----- 2020

Sir/Madam

A State Level Interaction meeting was held on 29TH August 2020 with (HIMCOSTE) H.P. State Council for Science, and Technology & Environment at Shimla for the organization of Children Science Congress -2020

In this context Schedule of Children Science Congress -2020 along with Programme for the Year 2020 is being circulated to all Govt. /Private, Middle, High, Sr. Sec. Schools of District Kangra . Hence you are hereby directed to **ensure the participation** of the students of your school. Online Registration Portal for the CSC-2020 has been started. It will remain active on 5th Sept. to 25th Sept. 2020. Web Portal Link ([www.himcoste.hp.gov.in / CouncilHome.aspx](http://www.himcoste.hp.gov.in/CouncilHome.aspx))

Only registered students can participate in one activity.

CHILDREN SCIENCE CONGRESS - ----- 2020

THE PROGRAMME FOR THE YEAR 2020 IS SUMMARIZED AS FOLLOWS

Sub -Division Level CSC -----2020

1. Science Activity Corner

In the Science Activity Corner simple experiments /activities related to physics, chemistry, biology, mathematics, astronomy, origami, explaining miracles scientifically, low cost experiments, Science through puppetry, Rocket Making, Aerodynamics, making products from waste, etc. will be organized. The competition will cover all 5 categories described below:

Junior (Rural)	6th to 8th classes
Junior (Urban)	-----DO-----
Senior (Rural)	9th to 10th classes
Senior (Urban)	-----DO-----
Senior Secondary	10+1 & 10+2 classes.

1.1 Guidelines:

Participation of students from each school in science activity corner the number of maximum students from each school who can participate at sub-division level will be as follows:

Sr. Sec. School:	3 students	(1 Sr. Sec., 1 Sr. Group, & 1 Jr. Group)
High School	:2 students	(1 Sr. Group & 1 Jr. Group)
Middle School:	1 students	(1 Jr. Group)

The students can bring innovative ideas / Models or can explain through posters and other genuine equipment's. Best first 3 students from each category will be selected for District Level Children Science Congress.

2 Science Quiz Competition

The Science Quiz can have maximum of 6 rounds and must cover all branches of science including Physics, Chemistry, and Biology, Visual round, Current events round, Rapid fire round and knowledge about Science Discoveries. There will be visual and interactive rounds to check the intelligence of the student rather than memory. This competition will also cover all the 5 categories. This team will comprise 2 students. The team having first position in each category will be selected for District Level Competition. Style may use of Google sheet, Google meet or any other appropriate method.

3 Mathematical Olympiad

Mathematical Olympiad will be started at the subdivision level. **This time students can participate from Sub Div. Without participating in any other event independent.** Written test will be conducted only in three categories (A) Junior Categories (B) Senior Categories (C) Senior Secondary. (No Rural, Urban Categories). Three students First, second and third will participate in Distt. Level.

4. Scientific Project Report Competition

This year scientific survey report will start from Sub. Div. Level. covering all 5 categories. The age of participants should not be less than 10 years and greater than 14 years for Junior Group (6th to 8th class) up to 31-12-2020. Whereas in case of Senior Group (9th to 12th class), the age should not be less than 14 years and greater than 17 years up to 31-12-2020. The participant will be disqualified if he/she does not fulfill age criteria. Number of students to be selected for Distt. Level CSC, (2 from Urban, 2 from Rural) in Junior Category, (4 from Urban 4 from Rural) in Senior Category, 4 students from (Sr. Sec.). A group of children not exceeding two can do the project study under a guide teacher. A child scientist cannot participate in CSC two times as a Group Leader in the same age group. A child scientist who had already presented as a Group Leader at the National Level in one age group can act as a co-worker in the subsequent year, in the same age group (Lower / Upper). The Focal Theme and sub-themes for the Scientific Project Report are listed below:

Focal -Theme for the year 2020 and 2021

Science for Sustainable living

Sub-Themes ->

- (i) ECOSYSTEM FOR SUSTAINABLE LIVING
- (ii) APPROPRIATE TECHNOLOGY FOR SUSTAINABLE LIVING
- (iii) SOCIAL INNOVATION FOR SUSTAINABLE LIVING
- (iv) DESIGN, DEVELOPMENT AND MODELLING FOR SUSTAINABLE LIVING

(v) **TRADITIONAL KNOWLEDGE SYSTEM (TKS) FOR SUSTAINABLE LIVING**

There will be no criteria for selection from different sub Themes. Student can choose any of the 5 sub-themes. Use A-4 size paper (8"x11.5") for writing the report. Write on one side of the paper. The report should be either neatly typed or handwritten. Make **at least two copies of project report**, one for submission at registration and other for your use for presentation. Detailed information about scientific project report can be seen on **web. Portal**. A group of 2 students along with Guide teacher will prepare their scientific project report through visits, data collection and other relevant activities. Only group leader will participate in CSC. At the time of registration He/She will submit Registration form. Registration form must be duly signed by the Head of Institution. A passport size photo will also be affixed at the place shown in the form.

Any one of the Sub themes under the Focal theme for the Current session may be taken. Abstract of 100 words has to be submitted. Please visit to Guidelines Section in Web Portal.

DISTRICT LEVEL CHILDREN SCIENCE CONGRESS----- 2020

In the District Level CSC, Four(4) competitions will be organized as follows:

1 Science Activity Corner: -

Three (3) selected students from each category at sub-division level will participate in District Level Children Science Congress keeping norms and guidelines same as for sub-division level CSC. Three students will participate in State level from each category.

2. Science Quiz:-

The team standing first in each category at sub-division level CSC would categorically participate in the District Level CSC. The norms & guidelines are same as for the sub-division level CSC.

3. Scientific Project Report Competition:-

No. of students to be selected for State Level CSC, 2 from Urban, 2 from Rural (Junior Category), 4 from Urban 4 from Rural (Senior Category), 4 students from (Sr. Sec.).

4 Mathematical Olympiad

Students selected from block level **three** Students First ,second and third will participate in Distt. Level .Only first positions in Distt. Level will participate at State Level CSC Mathematical Olympiad

Level - I Sub-division Wise

Activities

- Science Quiz, Science Activity Corner & Mathematical Olympiad

Categories

- Junior (6th to 8th), Senior (9th & 10th) & Senior Secondary (10+1,+2)
- **Sub Categories** :- Junior (Rural and Urban),Senior (Rural and Urban)& Senior Secondary - No. Rural/Urban
- **Categorization**

Activities

Only Three activities will be conducted at Sub-division Level

Science Quiz Competition

Conducted in - Junior Rural, Junior Urban, Senior Rural, Senior Urban & Senior Secondary Category.

Science Activity Corners

Conducted in - Junior Rural, Junior Urban, Senior Rural, Senior Urban &Senior Sec.

Participation : 1 Student in all the above categories from each School participates as per location of the School - Rural or Urban and as per the level of School - Senior Secondary High or Middle

Mathematical Olympiad

Conducted in - Junior, Senior & Senior Secondary Category.

Participation : 1 Student each in the above 3 categories No Rural/Urban Categorization.

Qualifying Criteria

In each Sub Division to advance to the next level - II (Distt.)

Four activities will be conducted at District Level CSC

1. Science Quiz - Best/Ist in each of the 5 Categories - i.e. 5X2 - 10 Students
2. Science Activity Corner - Best/Ist 3 in each of the 5 Categories - i.e. 5X3 -15 Students
3. Mathematical Olympiad - Best 3 /Ist, IIrd & IIIrd in 3 categories - i.e. 3X3 -9 Students

4. Scientific Survey Report

Conducted in -Junior Rural, Junior Urban, Senior Rural, Senior Urban & Senior Secondary Category

Participation : 2 Students in the categories Junior Rural/Urban as per location of the School, 4 Students Senior Rural/Urban and 4 Students in Senior Secondary

School Wise Participation Limit

For MIDDLE Schools: 6 Students (2 Science Quiz + 1 Science Activity Corners + 1 in Mathematical Olympiad + 2 Scientific Survey Report)

For HIGH Schools: 14 Students (2 Junior + 2 Senior = 4 in Science Quiz + 1 Junior + 1 Senior = 2 in Science Activity Corners, 1 Junior + 1 Senior = 2 In Math Olympiad & senior) in Scientific Survey Report

For SR. SEC Schools: 22 Students (6 Science Quiz + 3 Science Activity Corners ,And 3 in Mathematical Olympiad & 10(2Junior,4 Senior + 4 Senior Sec) in Scientific Survey Report.

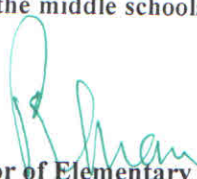
Special Instructions regarding competitions

Science Quiz Competition	80% of the Questions are subject based and 20% Science GK.
Science Activity Corners	Physics, Chemistry, Biology, Mathematics, IT/Media, Astronomy and Origami etc. are organized if possible
Mathematical Olympiad	MCQ's and single word answer with Viva Voce in case of Tie. The Questions willmostly be - from text books.
Scientific Survey Report	Any one of the Sub themes under the Focal theme for the Current session may be taken. Abstract of 100 words has to be submitted. Please visit to Guidelines Section for Programme Guidelines.

Age Limit

For Seniors and Senior Secondary	Not above 17 years as on the 31st of December of the current session.
For Juniors	10 to 14 years as on the 31st of December of the current session.

- Note :- 1. Slight changes can be made in Rule and regulations in online CSC- 2020
2. All heads are directed to convey these guidelines to the middle schools under your control.



Deputy Director of Elementary Education
Kangra at Dharamshala H.P.

Ends. No. Even Dated Kangra 176215

Copy to:

1. The Member Secretary H.P. State Council for Science , Technology & Environment, Vigyan Bhawan ,Near Udyog Bhawan Bhagwan, Bemloe Shimla -9 for information please.

2. The State Project Director SSA/RMSA ,SPO Shimla for information please
3. The Director of Higher Education Himachal Pradesh Shimla.for information please
4. The Director of Elementary Education, Himachal Pradesh Shimla.for information please
5. The Deputy Director Higher Education, Distt. Kangra for information please
6. DPO (SSA/RMSA) cum Principal DIET at D/shala Distt. Kangra for information please
- ✓ 7. All BRCC's UP. Primary to help in registration of schools in CSC Web Portal for information please.
8. . Guard File


**Deputy Director of Elementary Education
Kangra at Dharamshala H.P.**