


Certificate

This is to certify that the students Miss/Master


&

Studying in Class

are permitted to participate in 

and

This is to certify that the teacher, Shri/Smt/Miss.

Teaching at Higher Primary/ High School is/are
permitted to participate in 

Signature of the school authority
along with the seal

Date:

Place: The Agastya Model proves that learning can be
Fun! Useful! Accessible!



General guidelines: Science Model Making Competition

- Select a particular concept in any branch of science or Mathematics.
- Collect data and understand clearly the concept you have selected including the technical terms.
- Model/concept should be comprehensive and relevant.
- Design a simple experiment to verify your understanding. Repeat the experiment to collect the data.
- Most importantly, the students have to devise a simple demonstration to investigate the concept that they have learnt in their curriculum. They must interpret the concept to show how relevant it is in daily life.
- Display and interpret the experimental data in the form of graphs, tables, models, toys, gadgets, charts and so on.
- A project could be selected by collecting different types of advertisements (from TV) of various products. Thoroughly check the labels of any such advertisements. Find out how scientific or unscientific the claim of advertisement is.
- Any observation like behavior of animals, plants, nutritional defects, infections, easy remedies etc could be considered for a project.
- Use of explosives/poisonous chemicals and any other hazardous items is strictly prohibited.
- For each exhibit, a fixed area of space will be given.

Total Prizes worth Rs. 2 Lakh

Prizes	1st	2nd	3rd	Special Prizes
Category-1	Rs. 20,000	Rs. 10,000	Rs. 5000	Rs. 3000 X 5
Category-2	Rs. 20,000	Rs. 10,000	Rs. 5000	Rs. 3000 X 5

- Certificates and mementoes will be given to all participants.

Contact Details:



SUPPORTED BY R. JHUNJHUNWALA FOUNDATION & OTHERS
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For online Synopsis Submission

Email : jignyasa.agastya@gmail.com



Presents

Successfully 9th Year

jignyasa
2019

A platform to spark Innovation and Creativity
A National Level Science Model Making Competition

17 -19th January 2019

Hubli, Karnataka



ABOUT AGASTYA INTERNATIONAL FOUNDATION

Agastya was established in 1999 with the aim to promote hands-on science and experiential-learning methods. The foundation runs the world's largest mobile hands-on science education program for economically disadvantaged children and teachers. By making practical, hands-on science education accessible to children in government schools and villages, Agastya aims to transform attitudes to learning, and stimulate the minds of underprivileged children and teachers.

Agastya International Foundation is led by a diverse group of educationists, entrepreneurs, scientists, CEO's and philanthropists. Since its inception, Agastya has impacted over 8 million children and 0.25 million teachers, and continues to reach out to over a million children each year, multiple times, through its many outreach modes and programs such as -

- **Science Centers-** Resource hubs for surrounding schools and communities
- **Mobile Labs-** Carry hands-on science education to the village doorstep
- **Lab-in-a-Box-** Participatory Learning Experiences for students and teachers
- **Young Instructor Leaders-** Peer-to-Peer learning methodology
- **Operation Vasantha-** Community run programs to provide remedial classes
- **172 acre Campus Creativity Lab** in Kuppam, AP (Two hours from Bangalore)

JIGNYASA, 2019

'Jignyasa' is the Sanskrit word for CURIOSITY. Jignyasa began in 2011 with the objective of enhancing students' curiosity and creativity through science projects and model making. It serves as a platform for students to exhibit their knowledge, and to share their passion for Science by interacting with large audiences across the state. Jignyasa is an annual competition which has been monumental in the enhancement of science at the school level over the last six years. We now aim to push the boundaries of Jignyasa beyond model making to promote children to research and innovate! The Jignyasa platform allows children to talk about their projects and models to massive audiences, thereby promoting for peer-to-peer teaching and learning, and hence improving children's confidence and leadership abilities.

Jignyasa will be held between 17th - 19th of January 2019 at Hubli, Karnataka. In this context, we invite students from classes 5th to 12th to submit their entries. The main events that students can participate at Jignyasa 2019 are:

Science Model Making/Project Competition-

Science is an exciting and stimulating subject when learnt through experimentation. When students use a research methodology to understand a scientific concept, they can explore all aspects of that concept, create a hypothesis, as well as verify it first-hand. This process of practicing the Scientific Method is essential to appreciating science.

The Project/Model making competition is the core event of Jignyasa 2019. Apart from this, the other events we have planned are:

- Students - Scientists Samvad
- Panel sessions on different scientific phenomenon
- Innovative science corner
- Cultural programs
- Students Question fair
- Special corners of Agastya programme

Nearly 20,000 spectators from various parts of India will witness this event, thus providing an extremely large platform for students to excel.

ELIGIBILITY

Students from Government/Aided/Un-Aided institutions (Following the Karnataka state, ICSE & CBSE syllabus) and Pre-University students are eligible to participate in the event.

Procedure:

- Eligible students wishing to participate in the contest have to send in their duly filled registration forms (which are enclosed by the Head of the Institution) to the address given at the end of this brochure. Last date for registration and submission of synopsis is 25th December 2018.
- Students who have been short listed will be informed and their projects/models will be presented at the National-level exhibition to be conducted from 17 - 19th of January 2019.
- The registration form attached at the end of this booklet can be used by the participants.

CATEGORIES :

Jr. Category : 1

Higher Primary School Students-

Class 5th to 8th

(State/ ICSE / CBSE syllabus).

Nature of Model :

- Must demonstrate and explain a scientific concept.
- The focus has to be on a single concept, but illustrations can be multiple, such that different aspects of the concept are appreciated.
- Two students and a guide teacher can participate.

Sr. Category : 2

Class 9th to 12th

(State / ICSE / CBSE syllabus).

- Nature of Model:
- Must be prepared using locally available materials.
- Working models will be preferred.
- Concept must be experienced by the learner.
- Two students have to prepare and explain the model under the guidance of a teacher.

IMPORTANT DATES :

Declaration of selected participants by Agastya : 30th December 2018

Reporting of participants :
16th January 2019 at 10:00 am,
Hubli, Karnataka

Experience and Spread
Aah! Aha! Ha-Ha!



Registration Form:

1. Category Name : (✓) Jr () Sr ()
2. Name of the institution and postal address:

Ph.No.: _____ Mobile: _____

3. Name of the participant with email ID (if any) and contact No:

Participant 1: Name (In BLOCK letters)

Email: _____

Ph.: _____ Mobile: _____

Participant 2: Name (In BLOCK letters)

Email: _____

Ph.: _____ Mobile: _____

4. Teacher/Guide/Parent Details.

Name _____

Email: _____

Ph.: _____ Mobile: _____

5. Branch: (✓) ☐ Phy ☐ Chem ☐ Bio ☐ Math

6. Topic selected: _____

7. Particulars pertaining to the project : _____

Items	Models	Charts	Toys	Gadgets
Quantity				

8. Items used in preparation: _____

9. Attach a brief synopsis with the ray diagram (not exceeding 250 words). Also mention specific requirements for your project display such as electricity and other basic facilities. (Use a separate paper for this)

10. Electricity required (say yes or no)

11. Cost incurred Rs. _____

