

Circular for Parents of Classes V to X Session 2020-21

SIS/COMP - NOV 003/2020

November 17, 2020

Subject: Registration for KAMP NASTA - 2020

Dear Parents

Namaste

We are happy to introduce you to the **Knowledge and Awareness Mapping Platform “KAMP”**, an International intellect E-based assessment platform to evaluate cognizance of 21st century skills, awareness and knowledge of Science, Technology & Humanities among students. KAMP is an initiative and Knowledge Alliance of CSIR – National Institute of Science Technology and Development Studies (CSIR – NISTADS) ,Department of Scientific and Industrial Research, Government of India and industrial partner M/S. NYSA Communications Pvt. Ltd., Noida, Uttar Pradesh.

The KAMP is designed for comprehensive assessment of the students to create awareness and encourage scientific temperament among the students. It intends to **develop creativity, meaningful learning, critical reading and thinking skills** that brings out the inherent abilities of the students. It is also the first initiative taken by CSIR-NISTADS, to **map Scientific Temperament and Aptitude** of young students based on their assessment outcome and nurture them as future scientists of the country. It believes that every student is blessed with a core talent and aimed to bring the best in them through this platform.

KAMP is conducting a **National Assessment for Scientific Temperament and Aptitude (NASTA - 2020)** to identify and promote talented students of Classes V to XII in the field of Science, Technology and Humanities. NASTA is designed and developed to identify and promote scientific temper among students. This is one of the primary initiatives under KAMP. It is an **Attribute-Based Assessment** as against only Subject Based Assessment. NASTA provides educators, policymakers, and parents with a common measure of student achievement.

NEED OF NASTA

- NASTA assesses a comprehensive, integrated approach in mapping the scientific temperament of young brains.
- Building a concept to develop an understanding of the scientific aspects of nature.
- To help the student identify their hidden talent and provides a platform for self-assessment.
- Mapping and helping nurturing the scientific aptitude among students.

OBJECTIVES OF NASTA

- Mapping and helping students/parents to identify scientific attitudes & enable them to understand their inherent potential for different career choices.
- Awareness among students on the latest developments in emerging technologies.
- Map specific attributes essential to become a successful scientist or technologist.

- Infuse a healthy competitive spirit through rewards, based on performance levels.

IMPACT & OUTCOME OF NASTA

- Identify learning outcome levels of students in India and abroad.
- Comprehensive advisory for students/parents which will help in identifying the areas of strength.
- Data and Analytics will support policymakers to analyze the current learner's level.
- Support schools to provide an enabling environment to identify students with unique skills.
- Help nurture their skills/talents by creating the District KAMP-Junior Scientist Club.
- Helps policymakers to take necessary curricular reforms.

NASTA - 2020 INDICATORS FOR CLASSES V to X

NASTA indicators involve means and methods to reach scientific information and thus allows the student to think scientifically. The science process occurs naturally, spontaneously in our minds. By logically breaking down the steps in our thinking, we use the scientific process to find out how to answer our questions about how the world works. National Assessment for Scientific Temperament & Aptitude includes the following attributes:

- 1. Knowing:** Knowing refers to students' knowledge base of facts, information, concepts, and tools
- 2. Applying:** Use and apply their understanding of concepts and principles to find a solution or develop an explanation.

3. Reasoning: Analyze a problem to determine what underlying principles are involved.

NASTA – 2020 Details:

Eligibility: All students of Classes V to X.

Registration: The school will register all the participating students. You can give your consent for registering your ward by filling up the Google Form clicking on the link below:

<https://forms.gle/Dtb64RrBQq15YHy46>

Last Date of Filling the Consent form: Thursday, November 26, 2020

Registration Fee: Rs. 400/- per student which will be added to the next installment of school fee.

Mode of Examination: Online

Month of Examination: December 2020

Pattern of Examination:

PAPER 1

CLASS	DURATION	SUBJECT(S)	NO. OF QUESTIONS	TOTAL MARKS
Classes V to VIII	90 Minutes	Science	30	30
		Mathematics	30	30
		Grand Total	60	60

CLASS	DURATION	SUBJECT(S)	NO. OF QUESTIONS	TOTAL MARKS
Classes IX to X	90 Minutes	Science	40	40
		Mathematics	40	40
		Grand Total	80	80

PAPER 2

CLASS	DURATION	SUBJECT(S)	NO. OF QUESTIONS	TOTAL MARKS
Classes V to X	90 Minutes	IT/Computers	20	20
		EVS/Humanities	20	20
		Aptitude/Reasoning	20	20
		Grand Total	60	60

Study Material: Preparation tips for students, Syllabus for NASTA, Sample Questions, Exam Conduction Guidelines, Assessment Pattern details can be accessed through www.kamp.nistads.res.in. Mock assessment facilities will be provided under student login.

ASSESSMENT REPORT: Assessment Report will be available online under schools/institutions login. All participants will receive a comprehensive assessment report with an advisory under their respective student's login.

AWARDS, VISITS & CERTIFICATES: All participants will receive a "Certificate of Excellence/Participation" depending on their individual performance. Special awards include National & International Visits for State & National Level achievers.

KAMP – JUNIOR SCIENTIST CLUB (K-JSC): Each participant will become a member of K-JSC. KJSC will be a district level self-sustainable club. District Level Science Meets will be organized every year where young scientists (students) of member schools will showcase their projects. After evaluation by KAMP most promising science projects will be selected for KAMP-NATIONAL SCIENCE CARNIVAL and "National Young Scientist Award" will be presented to students for their contribution in Science & Technology.

We are sure our Shishyans will take optimal advantage of this opportunity to further enhance their learning and showcase their inherent potential. We request you to **kindly motivate your ward to participate in this assessment.**

We are also enclosing herewith the NASTA – 2020 Brochure for your further information.

Kind regards

Dr. Lalita Singh

Principal