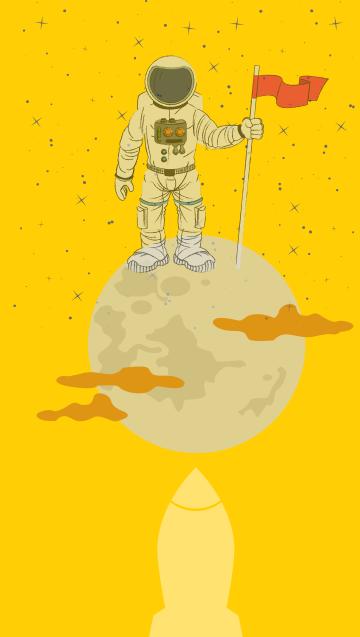


National
Assessment
for
Scientific
Temperament
& Aptitude
[NASTA]

Syllabus Guidelines 2022

For Class 5 to 10





SUBJECT AREAS & SKILLS ASSESSED



Class 5 - Family and Friends, Food, Shelter

Class 6 to 8 - Food, Materials, World of the Living, Moving Things, People & Ideas, How things Work, Natural Phenomenon, Natural Resources

Class 9 - Matter-Its Nature and Behaviour, Organization in the Living World, Motion, Force and Work, Natural Resources: Balance in nature

Class 10 - Chemical Substances-Nature and Behaviour, World of Living, Natural Phenomena, Effects of Current, Natural Resources, Management of natural resources



MATHEMATICS

Class 5 - Geometry, Numbers, Mental Arithmetic, Fractional Numbers, Money, Measurement, Data Handling, Patterns

Class 6 to 8 - Number System, Algebra, Ratio & Proportion, Geometry, Mensuration, Data Handling

Class 9 - Number Systems, Algebra, Coordinate Geometry, Geometry, Mensuration, Statistics & Probability

Class 10 - Number Systems, Algebra, Coordinate Geometry, Geometry, Trigonometry, Mensuration, Statistics & Probability



COMPUTERS/IT

Class 5 - History of Computer, Memory and Storage Device, Fundamental of Computer, Microsoft Word 2010, Microsoft, PowerPoint 2010, Microsoft Excel, Internet and Security, Multimedia, Media Player

Class 6 - Microsoft Word 2010, Microsoft PowerPoint 2010, Microsoft Excel, Internet and Security, Algorithm and Flowchart, QBasic, Html

Class 7 - Internet and Security, Html, Photoshop

Class 8 - Internet and Security, Algorithm and Flowchart, Photoshop, Flash, E-Commerce

Class 9 - Basic of Information Technology, Computer System, Memory, Storage Devices, Input/output Devices, Type Of Software, Computer Networking, Multimedia, Cyber Safety, Microsoft Office Tools, Scratch

Class 10 - Networking, Html, Cyber Ethics, Scratch or Python

SUBJECT AREAS & SKILLS ASSESSED



EVS/HUMANITIES

- Class 5 Water, Travel, Things we make and do
- Class 6 History: Our Pasts, Social & Political Life, Geography
- Class 7 History, Geography, Democracy & Equality
- Class 8 History, Geography, Rule of Law & Social Justice
- Class 9 India and the Contemporary World I, Contemporary India I, Democratic Politics -
- I, Economics, History, Geography
- Class 10 India and the Contemporary World II, Contemporary India II, Democratic Politics
- II, Understanding Economic Development, History, Geography

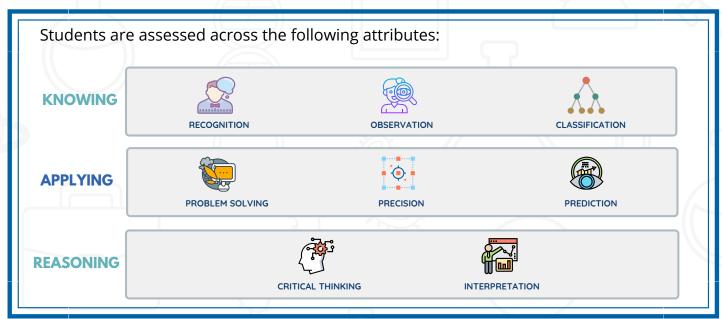


APTITUDE & REASONING

Class 5 to 10 - Spatial Aptitude, Perceptual Aptitude, Abstract Reasoning, Verbal Reasoning



SKILLS AREAS



NASTA RIGEL

NASTA RIGEL consists of two papers. Details are as follows:

- Questions will be 60% from the current class syllabus and 40% from the previous class syllabus. 30% questions of paper 1 will assess the awareness of the students on Science and Mathematics, 40% questions will assess knowledge level and 30% Higher Order Thinking Skills (HOTS). Paper 2 will assess the awareness on Social Science/EVS, Computers/IT & Aptitude.
- Paper Language: English, Hindi or other Regional Languages
- Eligibility: All students of CBSE, ICSE/ISC

Duration (90 minutes)			
Class	Subject	No. of Questions	Total Marks
5 to 8 (Paper 1)	Science Mathematics	30 30	30 30
9 & 10 (Paper 1)	Science Mathematics	40 40	40 40
5 & 10 (Paper 2)	Evs/Humanities IT/Computers Aptitude/Reasoning	20 20 20	20 20 20

ABOUT CSIR - NISTADS

CSIR-NISTADS is one of the constituent laboratories of the Council of Scientific and Industrial Research (CSIR), Under DSIR, Govt. of India, New Delhi. The Institute is devoted to research on policy, policy advisory and provides research support to national S&T agencies on science, technology, society, and innovation challenges.

CSIR-NISTADS is a pioneering research organization in the realm of S&T policy research in the areas of Innovation systems, S&T Human resources, Rural development, MSME, Global governance, Climate change, Energy and Environment and other domains related to STI (Science, Technology, and Innovation) policy. One of the pressing issues of India is that young students are not attracted to opt science as a career, and therefore, there is a strong need to address this issue.

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