



WHY WE HAVE TO CHOOSE B STREAM?



ADVANTAGES OF CHOOSING SCIENCE STREAM AFTER 10TH

Choosing Science Stream After 10th has several advantages. Here are some of them:

1. Better Career Opportunities

- The Career Options After 10th in Science Stream is more. Science stream offers various career options, including engineering, medicine, research, and technology. These fields are in high demand and offer lucrative job opportunities. There are multiple domains in each of these career options you will scout and find.
- Based on your preferences, you can choose a career and then proceed to study Science with a proper subject combination in Class 11. To make it happen, you must research the ideal subject combination and keep developing your conceptual foundation.

2. Strong Academic Foundation

- Science education lays a strong foundation in mathematics, physics, chemistry, and biology, which helps build a solid academic base for advanced studies.
- Undoubtedly, a student will develop his academic foundation by studying the core subjects of 10+2 Science. Physics, Chemistry, Biology, and Mathematics teach scientific concepts and fundamental principles and explain how to use them. Studying these concepts will sharpen their analytical thinking.

3. Develops Problem-solving Skills

• Science education involves critical thinking, problem-solving, and analysis of complex information, which helps develop analytical and logical skills. The capacity to think logically increases considerably when students choose Class 11 science. Science is ideal for you if you look at which stream is best for future skill development.

4. Enhances Creativity

Science education encourages creativity and innovation, essential skills for success in today's fast-changing world. Your knowledge and skills developed by studying the subjects at this level of education will help you become a part of the developing world.

5. Social Impact

Science plays a critical role in addressing global challenges, such as climate change, healthcare, and technology, which
can significantly impact society.

Biology

- The CBSE Class 11 and 12 Science stream subject known as Biology focuses on the study of life in its various forms, including animals, plants, and human physiology.
- As a crucial subject on the CBSE Class 11 Medical subject list, <u>Biology</u> covers essential concepts such as biodiversity, plant and animal kingdoms, biological classification, cell structure and function, human physiology, and more.

WHEREVER YOU WANT TO GO, YOU CAN GET THERE IN THE



BIOLOGICAL SCIENCES



Medical Lab Sciences

Cellular and Molecular Biology **Biochemistry**

Microbiology

Neurosciences

Genetics and Evolution

Human Biology

Health and Medicine:

Doctor, Dentist, Nurse, Genetic Counselor, Pathologist, Public Health, Immunologist, Physical Therapy, Pharmacist, Veterinarian

Industry:

Epidemiology, Vaccine Development, Geneticist, Industrial Microbiologist, Food and Water Safety, Biotechnology, Biostatistician

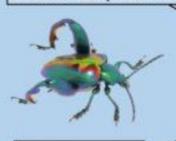
Wildlife Biology

Research and Academia:

College or University Professor, Research Scientist or Technician, Textbook Author, Research Librarian, Consultant Ecology and Organismal Biology

Microbial Ecology

Teacher Preparation



Natural History

K12 & Public Education:

Teacher, Nature Center Director, Wildlife Films, Museum Curator, Biological Illustrator, Science Writer

Natural Resources:

Wildlife Conservation, Park Ranger, Animal Nutrition, Environmental Consultant, Aquaculture, Peace Corps, Ecological Restoration, Pollution Remediation

Field Ecology



