

Estd. :1988

Motto: Learn & Teach

FEI

Senior Secondary School

Recognised by the Government of J&K &

Affiliated to the J&K Board of School Education

Faiz-Abad, Nowgam – 190 015, Srinagar, Kashmir

☎: 9419072646

☎ 0194-4000436

Website: www.feinowgam.com e-mail: feinowgam88@gmail.com

School YouTube Channel, "FEI Faiz Abad Nowgam"

Syllabus of

**BASIC CONCEPTS &
GENERAL AWARENESS**

Class: 10th

Name: _____

DISCIPLINE

Discipline means many things to different people. To parents & teachers it means, 'Nice Behaviour' & to students, discipline means 'Strictness'. The real meaning of discipline what school expects from student is 'Self-Control'; because it is self-control which can make you good student & a successful human being.

Signs of Good Students:

- ☞ Complete their assignments.
- ☞ Talk politely & listen to the instruction given.
- ☞ Stay on task.
- ☞ Choose productive rather than destructive activities.
- ☞ Wait to be called on.
- ☞ Try again and again.
- ☞ Control their tempers.
- ☞ Respect teachers & other students.
- ☞ Always truthful, positive & helping others.

Ways to strengthen your "self-discipline"

1. Decide that you really want to be someone who's self-disciplined & successful.
2. Make a personal commitment to develop and strengthen these traits.
3. Be accountable. Accept responsibility for your own behaviour. Don't blame others for your actions.
4. Practice to be good. Self-discipline is something you can teach yourself.
5. Do activities that enhance your self-discipline like prayer, exercise etc.
6. Eliminate harmful habits, e.g., if you spend time watching unethical videos or TV programs or browsing websites, make a conscious decision to spend your time in healthier, more productive ways.
7. Think before speaking negative about somebody, the other might be correct.
8. Make good friends and read good books.
9. Have good attitude, do not complain all the time.
10. Learn from mistakes, ask yourself, what went wrong? And how could I do it better next time?

BASIC CONCEPTS

CLASS: 10th

NOTE: All the students are required to learn the following subject-wise basic concepts which will form an essential component of all the Examinations.

English

Literary Devices

- ☆ ABC (Absey)
- ☆ Abridge
- ☆ Abstract
- ☆ Allusion
- ☆ Axioms
- ☆ Diction
- ☆ Hamartia
- ☆ Personification
- ☆ Satire
- ☆ Simile
- ☆ Tragedy
- ☆ Ballad
- ☆ etc
- ☆ Phonetics (Sounds)

Mathematics

1. Define Mathematics and Mathematician
2. Number System
3. Algebra
 - ☞ variable
 - ☞ Constant
 - ☞ Expression / Algebraic Expression
 - ☞ Term
4. Polynomial
 - ★ Types, Zeroes, Factors, Degree & Division of Polynomial
5. Equation
 - Types, Degree and Solution / Roots of an Equation
6. Operation on Variables
 - ♣ Addition, Subtraction, Multiplication & Division of same/different Variables
7. Operation on Roots
 - ❖ Addition, Subtraction, Multiplication & Division of same/different Roots
8. Practice Operations: Addition, Subtraction, Multiplication & Division of Fractions and Rational Expressions
9. Geometry:
 - ✍ Polygon and Types of Polygon
 - ✍ Similar Triangles / Figures
 - ✍ Congruent Triangles / Figures

Science (Physics & Chemistry)

- ✍ Science and Branches of Science
- ✍ names of great Physicists & their discoveries
- ✍ Diffraction of light & refraction of light
- ✍ Dispersion of light and cause of dispersion
- ✍ Spectrometer
- ✍ Photons, Electron emission
- ✍ Photoelectric emission
- ✍ Polarization of light
- ✍ Polaroids
- ✍ Importance of studying Chemistry
- ✍ Applications of Chemistry
- ✍ Elements and their Atomic Number
- ✍ Some important Chemical Compounds & their Formulae
- ✍

Science (Biology)

- ☞ Concept of Life Processes
- ☞ Different steps involved in the process of Nutrition in Animals
- ☞ Digestion of Carbohydrates with associated Enzymes
- ☞ Digestion of Proteins with associated enzymes
- ☞ Digestion of Fats with associated enzymes
- ☞ Concept of Anabolism & Catabolism
- ☞ Feedback effect with examples

Social Studies

- ★ Brief Note on Indian national Congress
- ★ Provisions of the Treaty of Vienna 1815
- ★ Demands put forth by Gandhiji to Lord Irwin
- ★ Gandhiji and his role towards National Movement
- ★ The All India Women's Conference
- ★ World War 1st & 2nd
- ★ Election Process in India
- ★ Brief History of America
- ★ Roman Empire
- ❖ Map Reading, Introduction, Types of Maps, Sketches & Plans
- ❖ Key elements of Map. Title, Direction, Map Scale, Conventional Symbols
- ❖ Plate Tectonic, Constructive, Destructive and Conservative Plate boundaries
Introduction
- ❖ Precipitation & its Types
 - Conventional Rain
 - Orographic Rain
 - Frontal Rain
- ❖ Introduction to Indian Geography

Urdu فعل ماضی کی گردان، اسم اشارہ ۳، عزلی گنتی ۱۔ ۵۵
عزلی میں گفتگو دسی جہلے

عزلی میں بیفتنے کے دنوں کے نام

معلومات قرآن یا پنج سوالات

سیرت النبی صلی اللہ علیہ وسلم یا پنج سوالات

نماز کا طریقہ قرآن اركان وعین

دعا حضرت

حفظ سورہ البقرہ سورہ الناس

Arabic and Islamic Studies

ترکیب نحوی کی پہچان مسند اور مسند اللہ کی پہچان

عجول، نظم میں فرق، سلیس اور توتک میں پہچان

منظر نقار اور سپر مضمون کی جانقادی

مضمون نقادی کے قاعدے، قطعہ اور مطلقہ میں فرق

مشہر آشوب، حمد، نعت شاعر میں فرق

مکب کی پہچان۔ صنعت تعلق کی پہچان

اردو کے لفظی معنی، ۸، ناول اور داستان کا تعلق

پیسر انوسی، اسم معقول اور معقول کی پہچان مسدیں