

**HAPPY HOME PUBLIC SCHOOL
SYLLABUS FOR PRE-BOARD 1
CLASS -XII SCIENCE**

ENGLISH:-

BOOK FLAMINGO:

PROSE: 1. THE LAST LESSON, LOST SPRING, DEEP WATER, INDIGO, GOING PLACES

POETRY: MY MOTHER AT SIXTY SIX, KEEPING QUIET, A THING OF BEAUTY, A ROADSIDE STAND, AUNT JENNIFER'S TIGERS

BOOK VISTAS:

THE TIGER KING, THE ENEMY, ON THE FACE OF IT, JOURNEY TO THE END OF THE EARTH.

WRITING SKILL: NOTICE, REPORT WRITING, JOB APPLICATION, INVITATION, ARTICLE, LETTER TO THE EDITOR

PHYSICS:-

Ch-1	ELECTRIC CHARGES AND FIELDS
Ch-2	ELECTROSTATIC POTENTIAL AND CAPACITANCE
Ch-3	CURRENT ELECTRICITY
Ch-4	MOVING CHARGES AND MAGNETISM
Ch-5	MAGNETISM AND MATTER
Ch-6	ELECTROMAGNETIC INDUCTION
Ch-7	ALTERNATING CURRENT
Ch-8	ELECTROMAGNETIC WAVES
Ch-9	RAY OPTICS AND OPTICAL INSTRUMENTS
Ch-10	WAVE OPTICS
Ch-11	DUAL NATURE OF RADIATION AND MATTER
Ch-12	ATOMS
Ch-13	NUCLEI
Ch-14	SEMICONDUCTOR ELECTRONICS: MATERIALS, DEVICES AND SIMPLE CIRCUITS

CHEMISTRY:-

Ch-2	SOLUTIONS
Ch-3	ELECTROCHEMISTRY
Ch-4	KINETICS
Ch-8	D- & F- BLOCK
Ch-9	COORDINATION CHEMISTRY
Ch-10	HALOALKANES AND HALOARENES
Ch-11	ALCOHOLS AND PHENOLS
Ch-12	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS
Ch-13	AMINES
Ch-14	BIOMOLECULES

MATHS:-

UNIT-1	RELATIONS AND FUNCTIONS
UNIT-2	ALGEBRA
UNIT-3	CALCULUS

UNIT-4 VECTORS AND THREE - DIMENSIONAL GEOMETRY

UNIT-5 LINEAR PROGRAMMING

UNIT-6 PROBABILITY

HOME SCIENCE:-

CH-6 FOOD QUALITY AND FOOD SAFETY

CH-7 EARLY CHILDHOOD CARE AND EDUCATION

CH-9 MANAGEMENT OF SUPPORT SERVICES, INSTITUTIONS AND PROGRAMMES FOR CHILDREN, YOUTH AND ELDERLY

CH-10 DESIGN FOR FABRIC AND APPAREL

CH-13 CARE AND MAINTENANCE OF FABRICS IN INSTITUTIONS

CH-16 CONSUMER EDUCATION AND PROTECTION

CH-17 DEVELOPMENT COMMUNICATION AND JOURNALISM

BIOLOGY:-

CH-2 SEXUAL REPRODUCTION IN FLOWERING PLANTS

CH-3 HUMAN REPRODUCTION

CH-4 REPRODUCTIVE HEALTH

CH-5 PRINCIPLES OF INHERITANCE AND VARIATION

CH-6 MOLECULAR BASIS OF INHERITANCE

CH-7 EVOLUTION

CH-8 HUMAN HEALTH AND DISEASE

CH-10 MICROBES IN HUMAN WELFARE

CH-11 BIOTECHNOLOGY – PRINCIPLES AND PROCESSES

CH-12 BIOTECHNOLOGY AND ITS APPLICATION

CH-13 ORGANISMS AND POPULATIONS

CH-14 ECOSYSTEM

CH-15 BIODIVERSITY AND ITS CONSERVATION

COMPUTER SCIENCE:-

CH-1 REVIEW OF PYTHON BASICS

CH-2 FUNCTIONS

CH-4 DATA FILE HANDLING

CH-6 DATA STRUCTURES IN PYTHON

CH-7 COMPUTER NETWORKS

CH-8 RELATIONAL DATABASE AND SQL

CH-9 INTERFACE PYTHON WITH SQL

PHYSICAL EDUCATION:-

UNIT-1 PLANNING IN SPORTS

UNIT -2 SPORTS & NUTRITION

UNIT-3 YOGA & LIFESTYLE

UNIT -4 PHYSICAL EDUCATION & SPORTS FOR CWSN (CHILDREN WITH SPECIAL NEEDS - DIVYANG)

UNIT-5 CHILDREN & WOMEN IN SPORTS

UNIT -6 TEST & MEASUREMENT IN SPORTS

UNIT-7 PHYSIOLOGY & INJURIES IN SPORTS

UNIT-8 BIOMECHANICS & SPORTS

UNIT-9 PSYCHOLOGY & SPORTS

UNIT -10 TRAINING IN SPORTS

ECONOMICS

PART A: INTRODUCTORY MACROECONOMICS

- UNIT 1 NATIONAL INCOME AND RELATED AGGREGATES.
- UNIT 2 MONEY AND BANKING –
- UNIT 3 DETERMINATION OF INCOME AND EMPLOYMENT,
- UNIT 4 GOVERNMENT BUDGET
- UNIT 5 BALANCE OF PAYMENTS, FOREIGN EXCHANGE

PART B: INDIAN ECONOMIC DEVELOPMENT

- UNIT 6 DEVELOPMENT EXPERIENCE (1947-90) AND ECONOMIC REFORMS SINCE 1991:
- UNIT 7 CURRENT CHALLENGES FACING INDIAN ECONOMY
HUMAN CAPITAL FORMATION
RURAL DEVELOPMENT
EMPLOYMENT