

# JOHN F. KENNEDY PUBLIC SCHOOL



## STUDENT'S HANDBOOK

Class: IX

Session: 2021 – 2022

Name: .....

## SYLLABUS

### **ENGLISH**

#### **Unit Test I**

Literature: The fun they had  
The Sound of Music  
Poetry: The Road not taken

#### **Unit Test II**

Grammar: Determiners, Tenses, Re-ordering of sentences  
(MCQ on Gap-filling / Transformation of sentences)  
Literature: The Little Girl  
The Lost Child  
Poetry: Wind  
Rain on the roof

#### **Half Yearly**

Reading: Unseen Passages  
Writing: Descriptive Paragraph, Short Story  
Grammar: Tenses  
Subject- Verb Concord  
Modals  
Determiners  
Reported Speech  
Command and Requests  
Statements  
Questions  
Literature: The Adventure of Toto  
In the Kingdom of fools  
The Happy Prince  
A Truly Beautiful Mind  
My Childhood

Poetry: A Legend of the Northland  
(Including the syllabus of Unit Test I and II)

### **Term I**

All the sections (Reading, Writing and Literature) of UT I and UT II and Half Yearly will be included.

### **Term II**

Reading: Unseen Passages

Writing: Descriptive Paragraph, Diary Entry, Short Story

Grammar: Tenses

Subject- Verb Concord

Modals

Determiners

Reported Speech

Command and Requests

Statements

Questions

Literature: Weathering the Storm in Ersama

The Last Leaf

A House is not a Home

The Beggar

Packing

Reach for the Top

The Bond of Love

If I were You

Poetry: No Men are Foreign

On Killing a Tree

The Snake Trying

## हिन्दी

### **इकाई परीक्षा 1**

गद्य खंड - पाठ 1 - धूल

काव्य खंड - पाठ 1 - अब कैसे छूटै राम नाम रट

व्याकरण - पाठ 1 - शब्द और पद में अंतर

### **इकाई परीक्षा 2**

गद्य खंड - पाठ 2 - दुख का अधिकार

काव्य खंड - पाठ 2 - रहीम के दोहे

व्याकरण - पाठ (i) अनुस्वार, अनुनासिक, (ii) उपसर्ग, प्रत्यय

### **अर्धवार्षिक परीक्षा**

गद्य खंड - पाठ 2 - दुख का अधिकार

पाठ 3 - एवरेस्ट मेरी शिखर यात्रा

पाठों के आधार पर पठित गद्यांश

काव्य खंड - पाठ 1 - अब कैसे छूटै राम नाम रट, ऐसी लाल तुझ

बिनु

पाठ 2 - रहीम के दोहे

कविताओं के आधार पर पठित पद्यांश

व्याकरण: (i) शब्द और पद , (ii) अनुस्वार, अनुनासिक,

(iii) उपसर्ग, प्रत्यय, (iv) पर्यायवाची शब्द, विलोम शब्द

(v) अर्थ की दृष्टि से वाक्य भेद, (vi) भिन्नार्थक शब्द

**प्री टर्म परीक्षा - समस्त पाठ्यक्रम**

**प्रथम सत्र (TERM 1) - समस्त पाठ्यक्रम**

A.S.L.

**1. बोलने व सुनने की कौशल क्षमता पर आधारित परीक्षा**

**सत्र 2**

गद्य खंड - पाठ 4 - तुम कब जाओगे अतिथि

पाठ 7 - धर्म की आड़

काव्य खंड - पाठ 4 - एक फूल की चाह

पाठ 7 - खुशबू रचते हैं हाथ

संचयन - पाठ 1 (गिल्लू), पाठ 2 (स्मृति), पाठ 5 (हामिद खाँ)

पाठ 6 (दिये जल उठे)

व्याकरण - (i) अनुच्छेद लेखन, (ii) पत्र लेखन (अनौपचारिक)

(iii) संदेश लेखन (iv) संवाद लेखन, (v) नारा लेखन

A.S.L.

**1. श्रवण कौशल के आधार पर**

**2. वाचन कौशल के आधार पर**

## **MATHS**

### **Unit Test 1**

Chapter 1 – Number Systems

Chapter 3 – Coordinate Geometry

### **Unit Test 2**

Chapter 4 – Linear Equations in two variables

Chapter 6 – Lines and Angles

Chapter 7 – Triangles

### **Term 1**

Chapter 1 – Number Systems

Chapter 3 – Coordinate Geometry

Chapter 4 – Linear Equations in two variables

Chapter 6 – Lines and Angles

Chapter 7 – Triangles

Chapter 12 – Heron’s Formula

Chapter 14 – Statistics

**Pre-Term:** As mentioned in Half Yearly

### **Term II**

Chapter 2 – Polynomials

Chapter 8 – Quadrilaterals

Chapter 10 – Circles

Chapter 11 – Constructions

Chapter 13 – Surface areas and volumes

Chapter 15 – Probability

## **SCIENCE**

### **Unit Test 1**

Lesson 8 – Motion

Lesson 9 – Forces and Laws of Motion

### **Unit Test 2**

Lesson 2 – Is matter around us Pure?

Lesson 5 – The Fundamental unit of life

### **Half Yearly**

Lesson 2 – Is matter around us Pure?

Lesson 5 – The Fundamental unit of life

Lesson 6 - Tissues

Lesson 8 – Motion

Lesson 9 – Forces and Laws of Motion

**Pre-Term:** As mentioned in Half Yearly

**Term I:** As mentioned in Half Yearly

### **Term II**

Lesson 3 – Atoms and Molecules

Lesson 4 – Structure of the Atoms

Lesson 10 – Gravitation

Lesson 11 – Work and Energy

Lesson 13 – Why do we fall ill?

**PRACTICALS**

**Practicals should be conducted alongside the concepts taught in theory classes.**

**TERM-I****LIST OF EXPERIMENTS**

1. Preparation of:
  - a) a true solution of common salt, sugar and alum
  - b) a suspension of soil, chalk powder and fine sand in water
  - c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of
    - transparency
    - filtration criterion
    - stability **Unit-I: (Chapter -2)**
2. Preparation of
  - a) A mixture
  - b) A compound

using iron filings and sulphur powder and distinguishing between these on the basis of:

  - i. appearance, i.e., homogeneity and heterogeneity
  - ii. behaviour towards a magnet
  - iii. behaviour towards carbon disulphide as a solvent
  - iv. effect of heat **Unit-I:(Chapter-2)**
3. Perform the following reactions and classify them as physical or chemical changes
  - a) Iron with copper sulphate solution in water
  - b) Burning of magnesium ribbon in air
  - c) Zinc with dilute sulphuric acid
  - d) Heating of copper sulphate crystals
  - e) Sodium sulphate with barium chloride in the form of their solutions in water.

**Unit-I:(Chapter-2)**
4. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams. **Unit-II:(Chapter-5)**
5. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams. **Unit-II:(Chapter-6)**



**TERM-II**

**LIST OF EXPERIMENTS**

1. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. **Unit-III:(Chapter-10)**
2. Establishing the relation between the loss in weight of a solid when fully immersed in
  - a) Tap water
  - b) Strongly salty water with the weight of water displaced by it by taking at least two different solids. **Unit-III:(Chapter-10)**
3. Verification of the law of conservation of mass in a chemical reaction. **Unit-I:(Chapter-3)**

## **SOCIAL SCIENCE**

### **Unit Test 1**

Geography: Chapter 1 – India: Size and Location  
Chapter 2 – Physical features of India

### **Unit Test 2**

(Democratic Politics): Chapter 1 – What is Constitution?  
Why Constitution  
Chapter 2 – Constitutional Design

### **Half Yearly**

Geography: Chapter 1 – India: Size and Location  
Chapter 2 – Physical features of India  
Map work  
Democratic Politics: Chapter 1 – What is Democracy?  
Why Democracy  
Chapter 2 – Constitutional Design  
History: Chapter 1 – The French Revolution  
Economics: Chapter 1 – The story of village Palampur  
Chapter 2 – People as Resources

**Pre-Term** – As mentioned in Half Yearly

**Term I** – As mentioned in Half Yearly

### **Term II**

History: Chapter 2 – Russian revolution  
Chapter 3 – Rise of Hitler  
Geography: Chapter 4 – Climate  
Chapter 5 – Natural Vegetation and wildlife  
Democratic Politics: Chapter 3 – Electoral politics  
Chapter 4 – Working of the institution  
Economics: Chapter 3 – Poverty