ST. JOHN'S PUBLIC SCHOOL

SENIOR SECONDARY

SYLLABUS
2019-2020

CLASS
8

Khera Khurd, Delhi-110082, Ph. : 011-27844492
E-mail : sjpskhera@gmail.com Website : www.stjohnskherakhurd.com

(5 marks are allotted for subject enrichment activities and 5 marks are reserved for note book maintenance during the academic session 2019-20)

SYLLABUS (2019-20)
CLASS – VIII
ENGLISH

Books : Literature Reader (Communicate with Cambridge)
Course Book (Raindrops)
Grammar Book (Grammar Roots)

Term 1

(100 marks)

20 marks for Periodic Assessment + 80 marks for Half Yearly Exams

Periodic Assessment – 1 **20 Marks**

LITERATURE

1. Attila
2. The Open Window

COURSE BOOK

1. The House at the Back
   (Poem) – Living with Mountains

GRAMMAR & WRITING

1. The Sentence
2. Articles

21 Notice Writing

HALF YEARLY EXAM **80 Marks**

LITERATURE

3 O Captain! My Captain
4 A Retrieved Reformation
5 A Letter to God
6 Lines Written in Early Spring

COURSE BOOK

2 A Well is Born
3 To the Valley of Flowers
(Poem) - The Eagle
4 The Wall's Address
5 What's He Doing in There?
(Poem) - Everybody is Doing It
6 Caught by a Sneez

GRAMMAR & WRITING

3 Simple, Compound and Complex Sentences
4 Adjective Clause and Noun Clause
5 Adverb Clause (Time, Place, Reason)
6 Adverb Clause of Condition
7 More About Adverb Clauses
8 Auxiliaries and Modals
9 Agreement of the Verb with the Subject
10 Infinitives
11 Participles
12 Gerund
13 Reported Speech
23 Message writing
25 Report Writing
26 Letter Writing
28 Integrated Grammar Practice
29 Reading Skills
30 Synonyms and Antonyms
32 Phrasal Verbs

SUBJECT ENRICHMENT ACTIVITY – 5 MARKS
NOTEBOOK MAINTENANCE – 5 MARKS

Term - 2

(100 marks)

Periodic Assessment – 2 **20 Marks**

LITERATURE READER

7 The Two Brothers

COURSE BOOK

7 Excitement at the Jolly Miller
(Poem) - Sea Fever

GRAMMAR & WRITING

17 Prepositions
18 Conjunctions
22 Advertisements

FINAL EXAMS **80 Marks**

LITERATURE

8 The Ballad of the Tempest
9 A Day's Wait
10 Our Old Home
11 Where the Mind is Without Fear
12 Julius Caesar
5 A Letter to Adolf Hitler (Repeat)

COURSE BOOK

8 Lady Candidates Need Not Apply!
(Poem) - Questions
9 The Open Window
(Poem) - Winter
10 The Merchant of Venice
11 An Uncomfortable Bed
(Poem) - On Killing a Tree
5 What's He Doing There (Repeat)

GRAMMAR & WRITING

14 Analysis of Simple Sentences
15 Analysis of Compound Sentences
16 Analysis of Complex Sentences
19 Describing People and Places
20 Writing a Biographical sketch
24 Telegrams
27 Debate Writing
31 Homonyms
33 Word Formation

Note: Grammar & Writing topics of TERM I will be assessed in TERM II

SUBJECT ENRICHMENT ACTIVITY – 5 Marks

NOTEBOOK MAINTENANCE – 5 Marks

SUBJECT: MATHEMATICS

Books: I did it mathematics (Cambridge)

Term-1

Periodic Assessment -1 **(20 MARKS)**

Unit-1: Rational Number
Unit-2: Square and Square Roots

Enrichment Activity 1: To verify that the sum of the first n odd natural numbers is n^2

Half yearly **(80 MARKS)**

Unit -3: Cube and Cube Roots
Unit -4: Exponents
Unit -5: Playing with Numbers
Unit -6: Algebraic Expressions
Unit -7: Linear Equations in one Variable
Unit -8: Understanding Shapes

Enrichment Activity 2: Verification of the identity $(a+b)^2 = a^2+2ab+b^2$

Term -2

Periodic Assessment -2 **(20 MARKS)**

Unit-11: Perimeter and Area of Plane Figures
Unit-12: Surface Areas and Volumes

Enrichment Activity 3: To show that area of triangle is half of the product of base and height.

Final term **(80 MARKS)**

Unit -6: Algebraic Expressions (Term -1)
Unit -7: Linear Equations in one Variable (Term -1)
Unit-9: 3D Visualisation
Unit-10: Construction of Quadrilaterals
Unit-13: Comparing Quantities
Unit-14: Direct and Inverse Variation
Unit-15: Data Handling and Probability
Unit-16: Graphs

Enrichment Activity 4: Represent the collected data in the form of a bar graph by paper cutting and pasting.

COMPUTER

BOOK-BRAINY DRIVE

TERM-1

PERIODIC ASSESSMENT-1: (20 marks)

Ch-1. Introduction to Computer Networking
Ch-2. Database Management System

HALF YEARLY EXAM (40 marks)

Ch-3. Introduction To MS Access 2016
Ch-4. Creating tables with MS Access 2016
Ch-5. Working with Forms, Queries & Reports

Syllabus of PA-1 is also included in "Half yearly exam"

TERM-2

PERIODIC ASSESSMENT-2: (20 marks)

Ch-6. Introduction to Visual Basic
Ch-7. Understanding events

FINAL EXAM (40 marks)

Ch-8. Programming with Visual Basic
Ch-9. Web page Publishing with HTML
Ch-10. Image editing with Photoshop

Syllabus of PA-2 is also included in "Final Exam"

SCIENCE

Book: WOW Science (Eupheus Learning)

TERM - I

Periodic Assessment I : **Marks: 20**

Ch.	1	Force and pressure
Ch.	8	Combustion and Fossil Fuels
Ch.	12	Cell: structure and functions.

Half Yearly: **Marks: 80**

Ch.	2	Friction
Ch.	3	Sound
Ch.	4	Chemical effects of electric current
Ch.	9	Metals and Non- metals
Ch.	13	Micro-organisms
Ch.	14	Reproduction in humans and animals

Activity: Make a model to show the air pressure in a bottle using balloon. / Activity to show rusting of iron.

TERM - II

Periodic Assessment II : **Marks: 20**

Ch.	5	Light : Reflection and Refraction
Ch.	10	Synthetic Fibers and Plastics
Ch.	15	Adolescence and Human Hormones

Final Term: **Marks: 80**

Ch.	1	Force and pressure (From Term 1)
Ch.	6	Some Natural Phenomena
Ch.	7	Our solar system
Ch.	9	Metals and Non- metal (From Term 1)
Ch.	11	Air and Water Pollution
Ch.	12	Cell: structure and functions (From Term 1)
Ch.	16	Crop Production and Management
Ch.	17	Biodiversity

Activity: Draw male and female reproductive systems on a chart. / Construct an electroscope.

(5 marks are allotted for subject enrichment activities and 5 marks are reserved for notebook maintenance.)*

SOCIAL SCIENCE

BOOK: EXCELLENCE IN SOCIAL SCIENCE
PUBLISHER: PRACHI

PERIODIC ASSESSMENT- 1 (20 Marks)

HISTORY

Ch-1 When, Where and How
Ch- 2 The Rise and Growth of the Company Power
Ch- 3 Agrarian Structure Under the British

SOCIAL AND POLITICAL SCIENCE

Ch-1 Our Constitution
Ch- 2 Secularism

GEOGRAPHY

Ch-1 Resources
Ch- 2 Abiotic Resources : Land , Soil and Water

HALF YEARLY SYLLABUS (80 MARKS)

HISTORY

Ch- 4 Colonialism and Tribal Societies
Ch- 5 Crafts , Industries and Colonialism
Ch- 6 The Revolt of 1857
Ch- 7 Urban Changes Under Colonialism

SOCIAL AND POLITICAL SCIENCE

Ch- 3 Our Parliament- Union Legislature
Ch- 4 The Making of Laws
Ch- 5 The Union Executive

GEOGRAPHY

Ch- 3 Biotic Resources : Natural Vegetation and Wild Life
Ch- 4 Mineral Resources

PERIODIC ASSESSMENT- 2 **(20 Marks)**

HISTORY

Ch- 8 Education under the British Rule
Ch- 9 Women and Reform
Ch- 10 Lower Caste Reform Movements

SOCIAL AND POLITICAL SCIENCE

Ch- 6 The Judiciary
Ch- 7 The Police and The Courts
Ch- 8 Social Justice and The Marginalised

GEOGRAPHY

Ch-5 Power Resources
Ch- 6 Agriculture

FINAL EXAMINATION **(80 Marks)**

HISTORY

Ch-11 The Changing World of Arts: Painting, Literature and Architecture
Ch-12 The Rise of Nationalism in India
Ch-13 The National Movement
Ch-14 India after Independence

SOCIAL AND POLITICAL SCIENCE

Ch- 9 Untouchability - A Social Evil
Ch-10 The Government and Economic Development
Ch-11 Laws and Social Justice

GEOGRAPHY

Ch- 7 Major Industries
Ch- 8 Human Resources

GENERAL KNOWLEDGE
BOOK: General Knowledge
Sanjo Books

TERM 1: **(40 Marks)**

Unit I - General Study
Unit II - Plants and Animals
Unit III - World Around Us
Unit IV - Our Mother-Land
Unit IX - Art and Culture

TERM-II **(40 Marks)**

Unit V - Language and Literature
Unit VI - Science and Technology
Unit VII - Brain Teasers
Unit VIII - Sports and Games

MORAL SCIENCE
BOOK : BUDS AND BEES
PUBLISHER : JONCE PUBLICATION

TERM - I **(80 Marks)**

1. Who Am I?
2. First Step in Making Friends
3. Television and Teens
4. Mobile Phones and Teenagers
5. Internet and Teenagers
6. Study and Career

TERM - II **(80 Marks)**

7. Yoga - A mantra to unite the world
8. Voilence amoung teens
9. Peer Group and Friends
10. Dealing with Parents and Teacher
11. Attractions and Heart Breaks
12. Depression and Suicide Tendency
13. Growth related issues of teens

Class-8
Hindi 2019-20

निर्धारित पुस्तके:- (1) मधुरम)
(2) बुद्धचरित्र
(3) कृतिका हिंदी व्याकरण

Term -1

Periodic Assessment -1 **20 Marks**

मधुरम

1. भारत गान
2. सुभागी
3. ठेले पर हिमालय
4. गौर

बुद्धचरित्र

1. आरंभिक जीवन

व्याकरण

1. हिंदी भाषा और व्याकरण
2. वर्ण - विचार
3. शब्द - विचार
4. संधि
5. उपसर्ग
6. प्रत्यय

Half Yearly Exam **80 Marks**

मधुरम

5. सीखो
6. बाढ़ का बेटा
7. वह तेरा घर, यह मेरा घर
8. कवि के साथ

9. मदर टेरेसा
10. स्वर्ग बना सकते हैं।

बुद्धचरित्र

1. पात्र- परिचय
2. अभिनिष्क्रमण
3. ज्ञान प्राप्ति

व्याकरण

1. समास
2. पर्यायवाची
3. विलोम शब्द
4. अनेकार्थी शब्द
5. वाक्यांश के लिए एक शब्द
6. श्रुतिसमभिन्नार्थक शब्द
7. संज्ञा
8. संज्ञा के विकारी तत्व: लिंग
9. संज्ञा के विकारी तत्व: वचन
10. अलंकार
11. पत्र - लेखन
12. अनुच्छेद - लेखन
13. अपठित - बोध

Activity :
'लड़का - लडकी एक समान' पर पोस्टर प्रतियोगिता का आयोजन करना।

Note:- Full syllabus of periodic assessment-1 is also included

Term - 2

Periodic Assessment - 2 **20 Marks**

मधुरम

1. पुरस्कार
2. सफेदपोश
3. ओंलपिक
4. चाँदी की रेखा

बुद्धचरित्र

धर्मचक्र

व्याकरण

1. कारक
2. सर्वनाम
3. विशेषण
4. क्रिया
5. काल
6. वाच्य

Final Exam

मधुरम

15. परिदोवाला
16. क्या निराश हुआ जाए
17. साहसी अन्वेष्ण सुनीता
18. सीता स्वयंवर
19. पूर्वोत्तर

बुद्धयचरित्र

5. महापरिनिर्वाण

पात्र – परिचय

व्याकरण

1. अविकारी शब्द
2. समुच्चय बोधक
3. संबंधबोधक
4. विस्मयादिबोधक
5. निपात
6. पद – परिचय
7. वाक्य – विचार
8. वाक्य – विचार
9. सामान्य – अशुद्धियाँ
10. मुहावरे और लोकोक्तियाँ
11. विराम – चिह्न
12. निबंध – लेखन
13. पत्र – लेखन
14. अपठित – बोध

Activity : 'मानवता और युद्ध' पर अनुच्छेद लिखिए ।

Note:- Periodic Assessment -2 is also included.

Class - 8
Sanskrit

निर्धारित पुस्तके: (1) मंथन

(2) व्याकरण

Term -1

Periodic Assessment -1 **20 Marks**

मंथन

पाठ -1 व्यपदेशेडपि सिदधि: स्यात्

पाठ -2 यस्य बुद्धिर्बलं तस्य

पाठ -3 वृक्षाणाम महत्वम्

व्याकरण

शब्दरुप - अकारांत , आकारांत , तत्

स्वर संधि

Half Yearly Exam **80 Marks**

मंथन

पाठ -4 सुभाषितानि

पाठ -5 महाकवि: कालिदास:

पाठ -6 महाकवि: कालीदास:

पाठ -7 शठे शाठ्य समाचरेत्

पाठ -8 गणतंत्र दिवस:

व्याकरण

अपठित गद्यांश

पत्र

चित्रवर्णन

शब्द रुप इकारांत, ऋकारांत, अस्मद्, युष्मद्, ईकारांत

धातुरुप पाँचों लकार

अव्यय

प्रत्यय

संधि

Activity :-
अव्यय संबंधी कार्य परियोजना अथवा श्लोक संबंधी परियोजना कार्य

Note : Periodic assessment -1 is also included.

Term-2

Periodic Assessment-2 **20 Marks**

मंथन

पाठ –9 नीति वचनानि

पाठ –10 एकलव्यस्य कथा

व्याकरण

शब्दरुप – उकारांत किम्

धातुरुप – आत्मनेपदी लट् लकार

व्यंजन संधि

Final Exam **80 Marks**

मंथन

पाठ –11 किञ्चिद् अपि न

पाठ –12 प्रहेलिकाः

पाठ –13 मैट्रो रेलयानम्

पाठ –14 सर्वं परवशं दुखम् ,,

पाठ –15 आवाह्नम्

व्याकरण

अपठित गद्यांश

पत्र

चित्रवर्णन

शब्दरुप इदम्, हलन्तशब्दाः

धातुरुप सभी लकार

प्रत्यय

उपपद विभक्ति

अशुद्धि संशोधन

व्याकरण

संख्यावाची शब्द 1–100

विसर्ग संधि

Activity :

समय संबंधी परियोजना कार्य अथवा संधि शब्द संबंधी कार्य परियोजना

Note:-Periodic Assessment -2 is also included.

(5 marks are alloted for subject enrichment activities and 5 marks are reserved for note book maintenance during the academic session 2019-20)