

SYLLABUS
CLASS – IX
SESSION – 2020-21

General Guidelines For Conducting Online Classes And Continuous Learning Plan For Students

As the whole nation is in the grip of COVID-19 and the school could not function physically for the current session as of now, the school started conducting online classes as per the guidelines of the Government and the Education Department.

The school has curtailed the syllabus for classes I to VIII to 75%. The syllabus has been reduced after careful deliberation and every effort has been made not to compromise on the learning capabilities of the students during the times when face to face interaction with the students is not feasible. The school formulated a learning plan so that the final outcome of the learning is met. The syllabus for classes IX to XII has been reduced by CBSE and the teaching is being conducted on the given guidelines.

The following guidelines are being observed by the teachers for conducting the online classes and to meet the desired learning outcomes:

- The teachers are required to prepare learning plans for their grades/subjects/learners.
- The weekly lesson plan must include the topic to be covered, the learning outcomes of the concerned topics and a note of sources / resources used for teaching. (textbooks, chapters, e-resources, web links, etc)
- The WhatsApp groups for different classes and for different subjects have been formed.
- The students are asked to go through a particular portion of the chapter one day prior and the teacher teaches the given topic next day so that the concepts become clear to the students in a better way.
- Teachers ask the students to highlight the important points during the discussion/ teaching.
- Students are also provided with the related links and are asked to refer to that.
- Regular assignments are being given to the students on the completion of the topic / chapter. The assignments should include Multiple Choice Questions /short Answer Type Questions / Long Answer Questions / Activity Based Questions / Open Book Questions.
- The teachers are required to constantly contact the parents in case the child does not respond well in studies or is irregular in attending classes.
- In case Internet is not available at a student's home, then those students are telephonically suggested to be in touch with other students and the teacher to keep updated regarding the topics covered and are encouraged to do self study.
- The teachers to make sure that the work / activity has been conducted and submitted within the timeline.
- At the upper primary stage, the teachers encourage learners for self study, readings, and learning by doing with available resources at home under the supervision of parents.
- An emphasis must be given to involve the students in creative activities specially in primary classes so that students' involvement gets the priority and learning takes place in an interactive manner.

SUBJECT – ENGLISH

| MONTHS | BEEHIVE BOOKS | MOMENTS/SUPPLEMENTARY BOOKS | CREATIVE BOOKS/WORK BOOK |
|------------------|---|--|--|
| April | L-1 The Fun They Had L-2 The Sound Of Music Poem-1 Road Not Taken | L-1 The Lost Child | Biosketch, Debate, Writing. /L-1 |
| May | L-3 The Little Girl Poem-2 Wind Poem-3 Rain On The Roof | L-2 The Adventures Of Toto | Diary Entry/L-2 |
| June | Summer Break- | - | - |
| July | L-4 A Truly Beautiful Mind L-6 My Childhood Poem-5 Legend Of Northland | L-4 In The Kingdom Of Fools | Article And Report Writing/L-3,4 |
| August | L-7 Packing L-8 Reach For The Top Poem-6 No Men Are Foreign | L-5 The Happy Prince L-6 Weathering The Storm In Ersama | Formal Letter/ L-5 Informal Letter/ L-6 |
| September | Half yearly Exam | | |
| October | L-9 The Bond Of Love L-10 A Slumber Did My Spirit Seal | L-7 The Last Leaf | Story Writing/ L-7,8 |
| November | Poem-8 On Killing A Tree | L-8 A House Is Not A Home L-9 The Snake Trying | Speech Writing/ L-9,10 |
| December | L-11 If I Were You | L-10 The Beggar | Wb-L-11 |

| | | | |
|----------|--------------------|-------|-------|
| January | | ----- | ----- |
| February | Annual Examination | ----- | ----- |

Learning Outcome- The main aim of teaching english language is to develop listening, reading and writing skills. The chapters taught make the children understand the poetic beauties and develop the abilities to comprehend the rich moral value and humanity conveyed by different chapters in both the books.

The students also get inspired by learning about the life of great personalities such as Einstien, APJ Kalam, Santoh Yadav, etc.

विषय – हिंदी

| माह | शीर्षक | | |
|--------|--|--|---|
| | स्पर्श | संचयन | व्याकरण व लेखन |
| अप्रैल | <ul style="list-style-type: none"> ● दुख का अधिकार ● रैदास के पद | ----- | <ul style="list-style-type: none"> ● संवाद लेखन ● अनुस्वार, अनुनासिक |
| मई | <ul style="list-style-type: none"> ● तुम कब जाओगे, अतिथि! ● रहीम के दोहे | ----- | ----- |
| जुलाई | ----- | <ul style="list-style-type: none"> ● गिल्लू | <ul style="list-style-type: none"> ● उपसर्ग, प्रत्यय |
| अगस्त | ----- | <ul style="list-style-type: none"> ● स्मृति | <ul style="list-style-type: none"> ● अर्थ के आधार पर वाक्य के भेद ● शब्द और पद ● शब्द विचार (पर्यायवाची, विलोम, श्रुतिसम भिन्नार्थक शब्द) ● अनुच्छेद लेखन ● नारा लेखन ● पत्र लेखन (अनौपचारिक) |
| सितंबर | अर्द्ध वार्षिक | ----- | ----- |

| | परीक्षा | | |
|---------|---|--|--|
| अक्टूबर | <ul style="list-style-type: none"> एवरेस्ट : मेरी शिखर यात्रा एक फूल की चाह | <ul style="list-style-type: none"> हामिद खाँ | <ul style="list-style-type: none"> संदेश लेखन |
| नवंबर | <ul style="list-style-type: none"> धर्म की आड़ | <ul style="list-style-type: none"> दिए जल उठे | ----- |
| दिसंबर | <ul style="list-style-type: none"> खुशबू रचते हैं हाथ | ----- | ----- |
| जनवरी | पुनरावृत्ति | ----- | ----- |
| फरवरी | वार्षिक परीक्षाएँ | ----- | ----- |

Learning outcomes : -

हिंदी भाषा विषय का ज्ञान प्राप्त करके छात्र विभिन्न नैतिक मूल्यों से परिचित होंगे तथा उन मूल्यों को आत्मसात भी कर सकेंगे।

छात्र लेखन व पठन में परिणत हो सकेंगे तथा विभिन्न प्रकार की कविताओं के भाव को समझ सकेंगे।

वर्तनी में होने वाली विभिन्न प्रकार की त्रुटियों को जानकर उन्हें सही कर सकेंगे।

विभिन्न कवियों व लेखकों के जीवन से परिचित होंगे।

हिंदी साहित्य के भक्तिकाल और आधुनिक काल के भेद को समझ सकेंगे।

Subject – Maths

| Month | Chapter/Topic |
|-----------|--|
| April | Chapter-1. Real Number Chapter-3. Coordinate Geometry |
| May | Chapter-4. Linear Equation in Two Variables Chapter-15. Probability |
| July | Chapter-12. Heron's Formula Chapter-2. Polynomials |
| August | Chapter-6. Lines and Angles Chapter-11. Construction |
| September | Half Yearly Exams |
| October | Chapter-7. Triangles Chapter-8. Quadrilaterals |
| November | Chapter-10. Circles |

| | |
|----------|-------------------------------------|
| December | Chapter-14. Statistics |
| January | Chapter-13. Surface Area and Volume |
| February | Annual Examination |

Learning Outcomes: -

The students will be able to solve the problems related to the Rational and Irrational Numbers and using the Theory, Concepts and Formulas they will be able to solve the familiar and unfamiliar problems of the maths, they will be able to apply the concept of Triangles, Quadrilaterals, Circles in day to day life.

BIOLOGY

| MONTH | CHAPTER/ TOPIC |
|--------------|---|
| APRIL | Chapter - 5: The fundamental unit of life (plasma membrane, cell wall, Nucleus , cytoplasm) |
| MAY | Chapter - 5: The fundamental unit of life (cell organelles) |
| JULY | Chapter - 6: Tissues (plant tissue) |
| AUGUST | Chapter - 6: Tissues (Animal tissue) |
| SEPTEMBER | Half Yearly Exams |
| OCTOBER | Chapter - 13:Why do we fall ill? |
| NOVEMBER | Chapter - 14:Natural Resources (Air, Water) |
| DECEMBER | Chapter - 14:Natural Resources (Soil, Biogeochemical cycles, Ozone Layer) |
| JANUARY | Revision |
| FEBRUARY | Annual Examination |

CHEMISTRY

| MONTH | CHAPTER/TOPIC |
|--------------|----------------------------|
| April | Matter in our surroundings |
| May | Matter in our surroundings |
| July | Is matter around us pure |
| August | Is matter around us pure |
| September | Half yearly Exams |
| October | Atoms and molecules |
| November | Atoms and molecules |
| December | Structure of atom |

| | |
|----------|----------|
| January | Revision |
| February | Revision |

PHYSICS

| MONTH | CHAPTER/TOPIC |
|-----------|---|
| April | Chapter 8 Motion |
| May | Chapter 8 Motion |
| July | Chapter 9 Force and laws of motion |
| August | Chapter 9 Force and laws of motion |
| | Chapter 10 Gravitation (up to gravitation law) |
| September | Half Yearly Exams |
| October | Chapter 11 Work energy and power |
| November | Chapter 12 Sound |
| December | Revision |
| January | Revision |
| February | Revision |

Learning outcomes –

Students will be able understand the basic structure of cell and difference between plant & animal tissue . They will have the knowledge of diff. diseases and apply it in daily life to prevent them.

Students will able to learn the basics of Physics and can relate the phenomenas with their day to day life and develops scientific aptitude which help to Enhance their pactical skills.

Knowledge, Application, Comprehension and Analysis of matter in our surroundings and about Atoms and molecules.

SUBJECT - SOCIAL SCIENCE

| MONTH | CHAPTER/TOPIC |
|-------|--|
| April | Geography Chapter-1 India- Location And Size Economics Chapter-1 The Story Of Village Palampur Political Science Chapter-1 What Is Democracy And Why Democracy? |
| May | Geography Chapter-2 Physical Features Of India Political Science Chapter-2 Constitutional Design -India |

| | |
|-----------|---|
| July | History Chapter- 1 The French Revolution Economics Chapter-2 People As A Resource |
| August | History Chapter - 3 Nazism And Rise Of Hitler Geography Chapter- 3 Drainage (Map Work Only) Political Science Chapter-3 Electoral Politics |
| September | Half Yearly Exam |
| October | History Chapter-2 Socialism In Europe & Russian Revolution Geography Chapter -4 Climate |
| November | Geography Chapter -5 Natural Vegetation Political Science Chapter-4 Working Of Institutions |
| December | Economics Chapter-3 Poverty As A Challenge |
| January | Revision |
| February | Annual Examinations |

LEARNING OUTCOMES:-

- Generate awareness about democratic rights like liberty equality and fraternity through case study of French revolution.
- Familiarize students with the idea of socialism through Russian revolution.
- Critically analysing the significance of Nazism in shaping the politics of the modern world.
- Understanding india size, location and land forms .
- Identifying the factors influencing the climate of India and understanding the unifying role of monsoons.
- Understanding the biodiversity in India and analysing the significance of conserving the natural vegetation.
- Develop conceptual skills of defining democracy and familiarize with the framing of constitution and its ideals.
- Develop respect for constitution
- Understanding representative democracy though competitive party politics.

Subject: Computer

Class: IX

| Month | Chapter/Topic |
|-------|---------------|
|-------|---------------|

| | |
|-----------|--|
| April | Chapter 1: Computer System Chapter 2: Input and Output devices |
| May | Chapter 3: Types of Software Chapter 4: Operating System |
| July | Chapter 6: Computer networking |
| August | Chapter 8: MS Word I Chapter 9: MS Word II Chapter 10: MS Word III |
| September | Half Yearly Exams |
| October | Chapter 11: MS PowerPoint I Chapter 12: MS PowerPoint II |
| November | Chapter 13: MS Excel I Chapter 14: MS Excel II |
| December | Chapter 7: Cyber Safety Chapter 16: Introducing Python |
| January | Revision |
| February | Annual Examination |

Learning outcomes:

1. The students will be able to understand basics of computer system like its various components, uses and application areas. They will also get the knowledge about different input and output devices. Students will know about the different types of software and their uses as well. The various terms of computer networking will also be explained.
2. The Cyber safety chapter will help them to make them understand about different cyber-crimes, how to prevent them and the precautions to be taken while using computer and internet.
3. Practically, students will learn the skills to use MS Word, MS Excel and MS PowerPoint. With help of this knowledge, they will be able to create attractive documents, presentations and will be able to apply various Excel formulas.

Subject - Dance and Music

| Month | Topic |
|--------|---|
| April | Knowledge of dance types of dance. (Theory) |
| May | about music Sargam, alankar |
| July | patriotic dance any one and one song |
| August | Hand gestures |

| | |
|-----------|------------------------------------|
| September | Assessment |
| October | About Taal |
| November | Guru Vandana Ganesh Vandana |
| December | anyone folk dance from Maharashtra |
| January | revision |
| February | Assessment |

Learning outcomes:-

1. Children will know the basic knowledge of dance/music and different types of folk dances of India.

Physical Education

| Month | Chapter/Topic |
|-----------|---|
| April | Fit India breaks jumping jacks, warm up exercises Game. Cricket fealding skills Yoga.Padamasana,vajrasana |
| May | Fitness mantra in few minutes by doing exercises, basic exercises Cricket . batting a skill Yoga. Dhyamudra, tadasana |
| June | Fun at home games |
| July | Volleyball skills Yoga. Posture Soryamaskar |
| August | Strength exercises like push ups, sit ups, Partial Curl ups, talk about health,etc, Yoga. Bhastrika pranayama, Anlom vilom pranayam Game. Kabaddi skills |
| September | Assessment |
| October | Modified push ups, moral values, Khelo India. Sit and reach test Yoga.gaumukhasana.dhanurasana,kapal bhati Game. Cricket skill |
| November | Simple Push ups, road safety measures, Yoga. triconeasana. Cricket. Skills test |
| December | Squats, talk about personal hygiene, what is first aid Yoga. Garudasana |

| | |
|----------|--|
| January | Strength. 50mt dash skills test, Yoga. Chakrasana, setkari pranayam Game. Cricket, Volleyball, Kanaddi skills test |
| February | 600 run walk test Yoga. Nauli kriya, Dhoti kriya Assessment |

Learning Outcomes:

1. These exercises keep their body fit and active.
 2. It also helps them to keep themselves calm and composed.
 3. Hobby class will be starting soon after the school reopens.
-