

# ABHINAV BHARATI HIGH SCHOOL

SYLLABUS FOR ACADEMIC SESSION 2018-2019

Class 9

## MATHEMATICS

### 1<sup>ST</sup> TERM

NUMBER SYSTEM

LINES AND ANGLES

INTRODUCON TO EUCLID'S GEOMETRY

TRIANGLES

POLYNOMIALS

PROBABILITY

HERON'S FORMULA

### 2<sup>ND</sup> TERM

QUADRILATESALS

AREAS OF PARALLELOGRAMS AND TRIANGLES

CIRCLES

CONSTRUCTIONS

SURFACE AREAS AND VOLUMES

LINEAR EQUATIONS IN TWO VARIABLES

COORDINATE GEOMETRY

STATISTICS

## ENGLISH LITERATURE

### TERM 1 (BEEHIVE)

1. THE FUN THEY HAD
2. THE SOUND OF MUSIC
3. THE LITTLE GIRL
4. ROAD NOT TAKEN
5. THE LAKE ISLE OF INNISFRES

### (MOMENTS)

1. THE LOST CHILD
2. THE ADVENTURES OF TOLO

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### 3. ISHWARAN, THE STORY TELLER

(LANGUAGE)

1. PARAGRAPH WRITING

2. LETTER WRITING (FORMAL/INFORMAL)

3. ARTICLES

4. SPEECH

5. DEBATE

6. TENSES

7. ACTIVE AND PASSIVE

8. DIRECT AND INDIRECT

9. SUBJECT VERB COUCORD

10. MODALS

11. NOUFINITES

12. CONDITIONAL CLAUSES

13. GAP FILLINGS

14. EDITING AND ONNISION

15. SENTENCE REORDERING

### SOCIAL SCIENCE

#### HISTORY

#### 1<sup>ST</sup> TERM

1. THE FRENCH REVOLUTION

2. NAGISM - RISE OF HITELER

#### 2<sup>ND</sup> TERM

1. RUSSIAN REVOLUTION

2. PASTORALISTS IN THE MODERN WORLD

#### IX-GEOGRAPHY

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### 1<sup>ST</sup> TERM

- 1.INDIA-LOCATION AND EXTENT
- 2.INDIA-PHYSICAL FEATURES OF INDIA
- 3.DRAINAGE

### 2<sup>ND</sup> TERM

- 1.CLIMATE
- 2.VEGETATION AND WILD LIFE
- 3.POPULATION

### +1<sup>ST</sup> TERM CHAPTERS

#### ECONOMICS (SOCIAL SCIENCE)

### 1<sup>ST</sup> TERM

CH 1:THE STORY OF VILLAGE PALAMPUR

CH 2:PEOPLE AS RESOURCE

### 2<sup>ND</sup> TERM

CH 3:POVERTY AS A CHALLENGE

CH 4:FOOD SECURITY IN INDIA

#### POLITICAL SCIENCE

### 1<sup>ST</sup> TERM

- 1.WHAT IS DEMOCRACY WHY DEMOCRACY: (definition,features,free and fair electoral competitions, arguments in favour and against democracy)
- 2.CONSTITUTIONAL DESIGN: (democratic constitution in south Africa, need of a constitution, making of constitution, guiding values of the Indian constitution)
- 3.ELECTIONAL POLITICS: (why elections?- need,process,political competitions, election and its process, role of E.C.,electional reforms)

### 2<sup>ND</sup> TERM

- 4.WORKING OF INSTITUTIONS: (need for political institutions,- R. Sabha,L. Sabah, prime minister and council of ministers, the president, the judiciary)

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5. DEMOCRATIC RIGHTS: (rights- in a democracy, example of various countries, significance of rights, rights in Indian constitution. NHRC, international covenant on economic, social and cultural rights)

Including chapters-1,2,3 (what is democracy, constitutional design, electoral politics)

### PHYSICS

#### 1<sup>ST</sup> TERM

APRIL : MOTION

MAY+JUNE : FORCE AND LAWS OF MOTION

JULY+AUGUST : GRAVITATION

#### 2<sup>ND</sup> TERM

SEPTEMBER+OCTOBER : FLOTATION

NOVEMBER : FLOTATION+WORKS AND ENERGY

DECEMBER : WORK AND ENERGY + SOUND

JANUARY : SOUND

Chapters from term 1 are to be included in term 2.

### CHEMISTRY SYLLABUS

#### 1<sup>ST</sup> TERM

1. MATTER IN OUR SURROUNDINGS

2. IS MATTER AROUND US PURE

#### 2<sup>ND</sup> TERM

3. ATOMS AND MOLECULES

4. STRUCTURE OF ATOM

Term 1 syllabus included in term 2.

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### BIOLOGY

APRIL TO MAY : - CELL( FUNDAMENTAL UNIT OF LIFE)

JUNE :- TISSUES

JULY TO AUGUST :- IMPROVEMENT IN FOOD RESOURCES

SEPTEMBER TO OCTOBER :- DIVERSITY IN LIVING ORGANISMS

OCTOBER TO NOVEMBER :- WHY DO WE FALL ILL

DECEMBER TO JANUARY - NATURAL RESOURCES

All chapters of term 1 are also included in term 2.

### COMPUTER

#### CLASS IX

##### 1<sup>ST</sup> TERM

1. CONVERGENCE OF TECHNOLOGIES
2. COMPUTER SYSTEM
3. TYPES OF SOFTWARE

##### 2<sup>ND</sup> TERM

1. OPERATING SYSTEM
2. WORD PROCESSING USING OPEN OFFICE WRITER II(MS WORD)
3. ADVANCE FEATURES OF OPEN OFFICE CALC (MS EXCELL)
4. IT APPLICATION PROJECT