

**Maharshi Patanjali Vidya Mandir, Prayagraj**  
**Syllabus Breakup: 2020-21**  
**Class: IX**

**Subject: English**

**TERM - 1**

Beehive : Prose & Poem – Lesson -1, 2, 3, 4,6

Moments: Lesson -1, 2, 3, 4

Grammar :- Tenses, Modals, Passive Voice, Subject – Verb Concord

Writing Skills:- Informal Letter, Story Writing

**Unit Test -1** – The Fun They Had , The Road Not Taken, The Lost Child, Informal Letter, Tenses

**Half Yearly Examination - [October]**

**TERM - 2**

Beehive : Prose & Poem – Lesson - 7,8,10,11

Moments : Lesson – 6,7,8,10

Grammar: Reported Speech (Commands & Requests, Statements, Questions, Dialogue Writing/Reporting dialogue on a given cue), Clauses (Noun Clauses, Adverb clauses of Condition & Time, Relative Clauses), Determiners, Prepositions.

Writing Skills: Diary Entry & Descriptive Paragraph (Person / Place / Event)

**Unit Test - 2** [ Packing, The Duck And The Kangaroo, Reach For The Top, On Killing a Tree, Weathering the Storm in Ersama, The Last Leaf, Diary Entry, Reported Speech

**Annual Examination Syllabus – Term - 1 & Term - 2**

## Subject - Mathematics

**1st Term Syllabus-** Number system, polynomials, lines and angles, linear equation in two variables, coordinate geometry, Heron's formula and triangles

**1st unit test-** Number system, polynomials and lines and angles

**Half Yearly -** Number System, polynomials, linear equation in two variables, coordinate geometry lines and angles, Heron's formula and triangles.

**1st Term Activity-** Spiral way of finding value of roots and plotting on the number line, 2) magnification of rational number

3) Plotting of irrational number with decimals on number line.

4) writing and learning all the formulas of polynomials

5) plotting of graph on graph paper

**2nd Term-** Circles, constructions, surface area and volumes, statistics, quadrilaterals(only one theorem ) I.e in a triangle the line segment joining the mid points of any two sides is parallel to the third side and its converse

**2nd Unit Test-** constructions, circles and surface area and volumes.

**2nd Term Activity-** sum of opposite angles of a cyclic quadrilateral is 180 degrees.

2) constructions

3) angle in semi circle is 90 degrees.

4) histogram and frequency polygon

**Annual Exam-** Complete syllabus of term 1 and term 2

## Subject : Science

### Biology / Chemistry :

**1st Term :** Chapters – 1,2,5 and 15

**Unit Test 1-** Improvement in Food Resources (Chapter-15) & Matter In Our Surroundings (Chapter - 1)

**Half Yearly Exam-** Chapters- 1,2,5& 15 + First Term Biology Practical Syllabus + Chemistry Practical Experiment No. 1 & 2.

**2nd Term :** Chapters – 3,4,6 and 13

**Unit Test 2-** Tissues (Chapter -6) & Structure of the Atom (Chapter - 4)

**Annual Exam-** All the Chapters + Complete Practical Syllabus (Biology and Chemistry)

### PHYSICS Syllabus

#### I Unit

Motion Chapter 1

#### Half Yearly Examination

**Motion, Force and Gravitation (principle of Floatation not included) Chapter 1 to 3**

## II Unit

### Work , Energy and Power Chapter 4

### Final Examinations

### Complete syllabus including Sound

### Chapter 1 to 5

विषय-हिंदी

कक्षा- 9 पृथमइकाईपरीक्षा

गद्यखंड-पाठ-1 दोबैलोंकीकथा

पद्यखंड-पाठ-1 साखियाँएवंसबद(पहलासबद)

व्याकरण-उपसर्ग,पृत्यय,समास,अलंकार

कृत्याकलाप-कवितावाचन

पृसिद्धसाहित्यकारोंकीकविताओंकोकंठस्थकरउसकाभावपूर्णपाठ।समयावधि-डेढ़मिनट

Half yearly exam-

गद्य—दोबैलोंकीकथा,ल्हासाकीओर, सावलेसपनोंकीयाद

पद्य-साखियाँ, सबद(1<sup>st</sup>)वाख, रसखानकेसवैये,कैदीऔरकोकिला

कृतिका-मेरेसंगकीऔरते, रीढ़कीहड्डी

व्याकरण-उपसर्ग,पृत्यय, समास,अर्थकेआधारपरवाक्यभेद,अलंकार, पत्र- लेखन, संवाद-लेखन, लघुकथालेखन, अनुच्छेदलेखनएवंअपठितगद्यांश।

द्वितीयइकाईपरीक्षा-नानासाहबकीपुत्रीदेवीमैनाकोभस्मकरदियागया

Padhya-Chandra Gahna Lautti Ber

कृतिका-माटीवाली

व्याकरण-अर्थकेआधारपरवाक्यभेद,अलंकार

कृत्याकलाप-Sravankulaकौशलपरीक्षा

पूरेसत्रमेंपढ़ायागयाव्याकरणएवंसमस्तपाठ।

Subject : Social Science

History / Civics

Term – I

April & May - History - Chapter I

July - Civics - Chapter II

Test- I - History - Chapter I

August - History - Chapter II

September - Civics - Chapter III

Half Yearly Examination

Term – II

October - Civics- Chapter IV

November/December - History- Chapter - IV

Test - II - History - Chapter - IV

Civics - Chapter - IV

January/February- Civics- Chapter - VI

Project : Chart to be prepared on the topic 'Constitution of India'.

Annual Examination

Subject - Geography/Economics

1<sup>st</sup> Term

**Geography:- ch-1,2,3 (Map work of the chapters)**

**Eco:- ch- 1**

**Unit test – I**

**India:- location and size(ch 1), The story of village palampur ( 1)**

**Half yearly examination:- ch- 1,2,3 of Geography and map work of the chapters.**

**Activity based on disaster management.**

**Ch- 1 of economics**

2<sup>nd</sup> Term

**Geo:- ch- 4 and 6 (Map work of the chapters)**

**Eco:- ch- 3 and 4**

**Unit test –II**

**Climate (ch4),poverty as a challenge (ch 3)**

**Annual examination:- all the chapters of Geography and economics**

**Map work of both the terms**

Subject : Information Technology (402)

**Unit Test – I : Part-A Unit-3**

**Half Yearly: Part-A Unit-3, Part-B Unit1, Unit-2, Unit-3**

**Unit Test – II : Part-A Unit-2 & Appendix: Mastering Typing.**

**Annual : Part-A Unit-2, Unit-3, Unit-4, Unit-5**

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