



## MAYO COLLEGE GIRLS' SCHOOL

### CLASS VII SYLLABUS 2020-21

#### SUBJECT: ENGLISH

| S.No | Month | English Literature  | English Language                                 |
|------|-------|---|--|
| 1    | June  | Looking for Vultures' Eggs<br>The School Boy                  | Sentences<br>Nouns<br>Composition, Comprehension |
| 2    | July  | Three Questions<br>Coromandel Fishers                         | Articles, Pronouns<br>Informal Letter            |
| 3    | Aug   | The Homecoming<br>Grannie<br>Grandpa Learns to Read and Write | Verbs, Adjectives<br>Picture Composition         |
| 4    | Sept  | Travel<br>Uncle Alfred's Long Jump<br>The Invisible Man       | Tenses, Voice<br>Formal Letter                   |
| 5    | Oct   | Have You Got a Brook in Your Little Heart?                    | Speech, Adverbs<br>Reading Comprehension         |
| 6    | Nov   |   | <b>Half-yearly Examinations</b>                  |
| 7    | Jan   | The Model Millionaire<br>Miss Smith and the Black Pearl       | Prepositions, Conjunctions<br>Composition        |
| 8    | Feb   | Unbreakable<br>At the Theatre: To the Lady Behind Me          | Revision   |
| 9    | March |   | <b>Final Examinations</b>                        |



## MAYO COLLEGE GIRLS' SCHOOL

### CLASS VII SYLLABUS 2020-21

#### SUBJECT: HINDI

| S.No | Month | Book  | Content  |
|------|-------|---|--|
| 1    | June  | अंकुश<br>महाभारत सार<br><br>व्याकरण<br>(पराग) | पुष्प की अभिलाषा (कविता), जगाओ (कविता),<br>अनुपम गुरुभक्त (कहानी)  <br>'देवव्रत का जन्म' से 'कौरव-पांडवों का जन्म'<br>(आदि पर्व ग्रीष्म-अवकाश में पढ़कर आना है)<br>पत्र, निबन्ध, विलोम pg137(1 st row),<br>पर्यायवाची pg133(1-10), अनेक शब्दों के लिए<br>एक शब्द pg141(1-15) भिन्नार्थक pg151(1-<br>10), शुद्ध-अशुद्ध pg126 (1-10), मुहावरे(1-10), |
| 2    | July  | अंकुश<br>महाभारत सार<br><br>व्याकरण<br>(पराग) | चेतक (कविता), एक थी गाय (कहानी)<br>'कौरव और पांडव' से 'अर्जुन का वनवास'<br>काल-(पूरे भेदों के साथ), कहानी-लेखन, पत्र-<br>लेखन, भाववाचक शब्द pg-57, विलोम<br>pg137(2 <sup>nd</sup> row), पर्यायवाची pg133 (11-25),<br>अनेक शब्दों के लिए एक शब्द pg142-43 (16<br>- 40), शुद्ध-अशुद्ध pg126 (10-20) अपठित<br>गद्यांश                                 |
| 3    | Aug   | अंकुश<br>महाभारत सार<br><br>व्याकरण<br>(पराग) | नीति के दोहे (कविता), मनुष्य को कितनी<br>ज़मीन चाहिए (कहानी)<br>सभा पर्व<br>वाच्य और उसके भेद, निबंध, वाक्य परिवर्तन<br>(निर्देशानुसार), विशेषण-pg 92 (1 <sup>st</sup> row), तत्सम्-   |

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|---|------|---|--|
|   |      |   | तदभव pg21-(1 <sup>st</sup> row), भिन्नार्थक pg 151-52 (11-30) मुहावरे,(11-27)  |
| 4 | Sept | अंकुश<br>महाभारत सार<br><br>व्याकरण<br>(पराग) | ईदगाह (कहानी), हार की जीत (कहानी), वर्षा की बारी है (कविता)<br>वन पर्व<br>क्रिया विशेषण और उसके चार भेद, अपठित गद्यांश, पत्र, भाववाचक संज्ञा (pg 58 का विशेषण से पूरा) विलोम (pg138 3 <sup>rd</sup> row), पर्यायवाची (pg134- 26- 42), अनेक शब्दों के लिए एक शब्द pg141-42 (41 -64) शुद्ध-अशुद्ध(20-30) |
| 5 | Oct  | अंकुश<br>महाभारत सार<br><br>व्याकरण<br>(पराग) | मिठाईवाला(कहानी), 'झरना' (कविता)<br>विराट पर्व<br>विशेषण (pg -92, 2 <sup>nd</sup> row), तत्सम्-तदभव (pg 21-2 <sup>nd</sup> row), भिन्नार्थक pg152 (31-50), मुहावरे (28-44), अपठित गद्यांश, निबन्ध  |
| 6 | Nov  | <b>Half-yearly Examinations</b>               | पाठ्यक्रम उसी समय दिया जाएगा<br>आन्तरिक परीक्षा 'झरना' अथवा 'वर्षा की बारी है' कविता का पाठ<br>पत्र, निबंध, अपठित गद्यांश।   |
| 7 | Jan  | अंकुश<br>महाभारत सार<br><br>व्याकरण<br>(पराग) | जब मैं हनुमान बना(कहानी)<br>उद्योग पर्व<br>वाक्य और उसके भेद (विधानवाचक, निषेधवाचक, प्रश्नवाचक, विस्मयादिबोधक, आज्ञावाचक, इच्छावाचक, संदेहवाचक, संकेतवाचक), भिन्नार्थकpg152-53 (51-70),विशेषण-(pg-93 का श्री से ईश्वर तक), तत्सम्-तदभव (पृष्ठ 21- 3 <sup>rd</sup> row)<br>मुहावरे (43-60) पत्र, निबंध। |

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|---|-------|---|---|
| 8 | Feb   | अंकुश<br>महाभारत सार<br><br>व्याकरण<br>(पराग) | बसंती हवा(कविता), मीराबाई(जीवनी)<br>निबन्ध, भाववाचक संज्ञा (pg 58-अव्यय और<br>क्रिया से), विलोम (4 <sup>th</sup> row),पर्यायवाची (43-60),<br>अनेक शब्दों के लिए एक शब्द pg143 (65-88),<br>विशेषण (pg-93 का पूरा) शुद्ध-अशुद्ध pg126<br>(1-30) निर्देशानुसार वाक्य परिवर्तन-सभी<br>प्रकार के । |
| 9 | March | <b>Final<br/>Examinations</b>                 | आंतरिक परीक्षा-दिए गए विषयों पर वाचन,<br>पाठ्यक्रम उसी समय दिया जाएगा<br>निबंध, पत्र-लेखन, अपठित गद्यांश  |



## MAYO COLLEGE GIRLS' SCHOOL

### CLASS VII SYLLABUS 2020-21

#### SUBJECT: MATHEMATICS

| S.No | Month | Chapter No | Content                                   |
|------|-------|------------|---|
| 1    | June  | 1          | Number System                             |
|      |       | 3          | Fractions                                 |
|      |       | 4          | Decimals                                  |
| 2    | July  | 6          | Exponents                                 |
|      |       | 8          | Algebraic Expressions                     |
|      |       | 9          | Linear Equations (excluding inequalities) |
| 3    | Aug   | 10         | Ratio and Proportion                      |
|      |       | 11         | Unitary Method and its applications       |
|      |       | 13         | Percentage                                |
| 4    | Sept  | 16         | Fundamental Geometrical Concepts          |
|      |       | 22         | Perimeter and Area                        |
|      |       | 23         | Statistics                                |
| 5    | Oct   | 24         | Probability                               |
|      |       | 15         | Simple Interest                           |
|      |       | 14         | Profit, loss and discount                 |
|      |       | 17         | Triangles and their properties            |
| 6    | Nov   |            | <b>Half-yearly Examinations</b>           |
| 7    | Jan   | 7          | Sets                                      |
|      |       | 12         | Average, Speed , Distance and time        |
|      |       | 21         | Visualizing Solid Shapes                  |
| 8    | Feb   | 18         | Congruence of triangles                   |
|      |       | 19         | The Circle                                |
| 9    | March |            | <b>Final Examinations</b>                 |



## MAYO COLLEGE GIRLS' SCHOOL

### CLASS VII SYLLABUS 2020-21

#### SUBJECT: PHYSICS

| S.No | Month | Content  |
|------|-------|--|
| 1    | June  | Physical quantities and measurements                     |
| 2    | July  | Physical quantities and measurements+ Force and pressure |
| 3    | Aug   | Energy   |
| 4    | Sept  | Light energy   |
| 5    | Oct   | Sound + Revision   |
| 6    | Nov   | <b>Half-yearly Examinations</b>                          |
| 7    | Jan   | Heat   |
| 8    | Feb   | Electricity and magnetism                                |
| 9    | March | <b>Final Examinations</b>                                |



## MAYO COLLEGE GIRLS' SCHOOL

### CLASS VII SYLLABUS 2020-21

#### SUBJECT: BIOLOGY

| S.No | Month | Content   |
|------|-------|---|
| 1    | June  | Cell ( Notes will be provided))                     |
| 2    | July  | Tissue  |
| 3    | Aug   | Kingdom Classification<br>Classification Of Animals |
| 4    | Sept  | Photosynthesis and Respiration in Plants            |
| 5    | Oct   | Health and Hygiene: Allergy                         |
| 6    | Nov   | <b>Half-yearly Examinations</b>                     |
| 7    | Jan   | Excretory System<br>Nervous System                  |
| 8    | Feb   | Revision  |
| 9    | March | <b>Final Examinations</b>                           |



## MAYO COLLEGE GIRLS' SCHOOL

### CLASS VII SYLLABUS 2020-21

#### SUBJECT: CHEMISTRY

| S.No | Month | Content  |
|------|-------|--|
| 1    | June  | Matter and its Composition.  |
| 2    | July  | Physical and Chemical Changes.<br>Elements, Compounds and Mixtures |
| 3    | Aug   | Atomic Structure   |
| 4    | Sept  | Chemical Reactions.  |
| 5    | Oct   | Air and its constituents: Oxygen                                   |
| 6    | Nov   | <b>Half-yearly Examinations</b>                                    |
| 7    | Jan   | Air and its constituents: Carbon dioxide.                          |
| 8    | Feb   | Metals and non-metals  |
| 9    | March | <b>Final Examinations</b>  |





## MAYO COLLEGE GIRLS' SCHOOL

### CLASS VII SYLLABUS 2020-21

#### SUBJECT: HISTORY

| S.No | Month | Content  |
|------|-------|--|
| 1    | June  | Rise of Christianity<br>Spread of Christianity   |
| 2    | July  | Birth of Prophet Muhammad and Spread of Islam<br>The Turkish Invasion and the Establishment of the Delhi Sultanate |
| 3    | Aug   | The Constitution and the Preamble<br>Expansion of the Delhi Sultanate: The Khilji and Tughlaq Dynasties            |
| 4    | Sept  | Life under the Delhi Sultanate<br>Rise of the Vijayanagar and Bahmani Kingdoms                                     |
| 5    | Oct   | Babur, Humayun and Sher Shah<br>Directive Principles of State Policy   |
| 6    | Nov   | <b>Half-yearly Examinations</b>  |
| 7    | Jan   | Akbar<br>Jahangir, Shah Jahan, Aurangzeb   |
| 8    | Feb   | Bhakti and Sufi Movements  |
| 9    | March | <b>Final Examinations</b>  |



## MAYO COLLEGE GIRLS' SCHOOL

### CLASS VII SYLLABUS 2020-21

#### SUBJECT: GEOGRAPHY

| S.No | Month | Chapter No | Chapters   |
|------|-------|------------|--|
| 1    | June  | 1          | Representation of Geographical Features                                  |
| 2    | July  | 2<br>8     | Atmosphere<br>Europe(Political And Physical Features)                    |
| 3    | Aug   | 3<br>10    | Green House Effect And Global Warming<br>Australia                       |
| 4    | Sept  | 4<br>6     | Weather And Climate<br>Industries  |
| 5    | Oct   | 7<br>11    | Energy And Power Resources<br>Antarctica                                 |
| 6    | Nov   |            | <b>Half-yearly Examinations</b>  |
| 7    | Jan   | 5<br>9     | Weathering And Soil Formation<br>Africa (Location And Physical Features) |
| 8    | Feb   |            | Revision   |
| 9    | March |            | <b>Final Examinations</b>  |



## MAYO COLLEGE GIRLS' SCHOOL

### CLASS VII SYLLABUS 2020-21

### SUBJECT: COMPUTER SCIENCE

| S.No | Month | Chapter No | Content   |
|------|-------|------------|---|
| 1    | June  | Chapter 1  | <b>Computer Hardware Components</b> <ul style="list-style-type: none"><li>➤ Anatomy of Computer</li><li>➤ Internal and External Hardware</li><li>➤ The Input, Output and Storage Devices</li></ul>  |
| 2    | July  | Chapter 3  | <b>Computer Virus</b> <ul style="list-style-type: none"><li>➤ Virus and its Types</li><li>➤ Virus Symptoms</li><li>➤ How Virus Spreads?</li><li>➤ Sweeper, Malware and Computer Worms</li><li>➤ Trojan Horse and Spyware</li><li>➤ Steps to Prevent Virus Antivirus</li></ul>   |
| 3    | Aug   | Chapter 7  | <b>Database – An introduction</b> <ul style="list-style-type: none"><li>➤ What is Microsoft Access</li><li>➤ Creating a blank database</li><li>➤ Use of Table</li><li>➤ Data types in Access</li><li>➤ Creating a primary key</li><li>➤ Creating a query</li></ul>  |
| 4    | Sept  | Chapter 5  | <b>Spreadsheets – An Introduction</b> <ul style="list-style-type: none"><li>➤ Features of Spreadsheets</li><li>➤ Starting Excel 2016</li><li>➤ Workbook and Worksheet</li><li>➤ Moving around the Spreadsheet</li><li>➤ Entering Data and Types of Data</li><li>➤ Performing Calculations</li><li>➤ Working with Worksheets</li></ul> |

|          |     |           |   |
|----------|-----|-----------|---|
|          |     | Chapter 6 | <ul style="list-style-type: none"> <li>➤ Saving a Workbook</li> </ul> <p style="text-align: center;"><b>More on Spreadsheets</b></p> <ul style="list-style-type: none"> <li>➤ Selecting Cells</li> <li>➤ Entering Special Numbers, Date and Time</li> <li>➤ Changing Cell Contents</li> <li>➤ Using Undo and Redo Feature</li> <li>➤ Inserting Cells, Columns and Rows</li> <li>➤ Deleting Cells, Columns and Rows</li> <li>➤ Changing Row height and Column width</li> <li>➤ Copying and Moving Data</li> <li>Using Auto Fill Feature</li> </ul> |
| <b>5</b> | Oct | Chapter 4 | <p><b>Ethics and Safety Measures in Computing</b></p> <ul style="list-style-type: none"> <li>➤ Internet</li> <li>➤ Advantages and Disadvantages of Internet</li> <li>➤ Computing Ethics</li> <li>➤ Unethical Practices</li> <li>➤ Cybercrime</li> <li>➤ Safety Measures while using Computer and Internet</li> </ul>  |
|          |     | Chapter 2 | <p><b>Number System – An Introduction</b></p> <ul style="list-style-type: none"> <li>➤ Decimal Number System</li> <li>➤ Binary Number System</li> <li>➤ Octal Number System</li> </ul> <p>Hexadecimal Number System</p>   |
| <b>6</b> | Nov |           | <b>Half-yearly Examinations</b>   |
| <b>7</b> | Jan | Chapter 9 | <p><b>HTML – Using List, Images and Links</b></p> <ul style="list-style-type: none"> <li>➤ Lists</li> <li>➤ Unordered and Ordered List</li> <li>➤ The Type Attribute</li> <li>➤ Nested and Definition List</li> <li>➤ &lt;MARQUEE&gt; Tag</li> <li>➤ Inserting Images and &lt;IMG&gt; Tag</li> <li>➤ Linking web Pages and The Anchor &lt;A&gt; Tag</li> <li>➤ Images as Links</li> <li>➤ Using Image as a Background</li> </ul>  |

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|---|-------|------------|--|
| 8 | Feb   | Chapter 10 | <p style="text-align: center;"><b>Tables and Forms in HTML</b></p> <ul style="list-style-type: none"> <li>➤ Creating a Table</li> <li>➤ Attributes of the &lt;TABLE&gt;, &lt;TR&gt;, &lt;TD&gt;and &lt;TH&gt;tags</li> <li>➤ Creating Forms</li> <li>➤ Input Elements</li> <li>➤ &lt;Input&gt;tag and its Attributes</li> <li>➤ Adding a Textbox, Checkbox and Radio Button</li> <li>➤ Adding a Password Field and Drop-Down List</li> <li>➤ Adding Buttons and Multiple Line Text Field</li> </ul> <p>Application Areas for Forms</p> |
| 9 | March |            | <b>Final Examinations</b>  |



## MAYO COLLEGE GIRLS' SCHOOL

### CLASS VII SYLLABUS 2020-21

#### SUBJECT: HOME SCIENCE

| S.No | Month | Content   |
|------|-------|---|
| 1    | June  | Safety guidelines<br>Need For Safety Measures In The Home, Reasons Of Accidents- Falls, Fires, Cuts, Bruises And Wounds, Poisoning, Electrocutation and Shocks.<br>Prevention of accidents in home<br>Hygienic Handling of Food during preparation  |
| 2    | July  | Traditional and Modern Concept of Home Science, Streams Of Home Science, Career Options in Home Science<br>Table Manners<br>Table Layouts   |
| 3    | Aug   | Importance Of Food And Its Functions<br>Reasons of cooking, pre-preparation of food, methods of cooking-moist heat, dry heat, combination, with fat, solar cooking, microwave cooking, loss of nutrient and its prevention, effective use of leftover food, methods of enhancement of nutrients |
| 4    | Sept  | Methods of cooking<br>Loss of nutrients<br>Effective use of leftover food<br>Enhancement of nutrients<br>Selection and Storage of Perishable, Non Perishable, Semi Perishable and Convenience Foods. Importance of Selection of Food, Factors Influencing Its Selection.                        |
| 5    | Oct   | Disposal of kitchen waste   |

|          |       |  |
|----------|-------|--|
|          |       | Budget: Types of Budget, Step of Making Budget, Advantages, And Factors Affecting family budget. drafting a budget   |
| <b>6</b> | Nov   | <b>Half-yearly Examinations</b>  |
| <b>7</b> | Jan   | Definition and meaning of consumer aids,<br>different consumer aids- labels, standard marks,<br>advertisement and leaflets<br>Different type of Tie and Dye<br>Strible, stibes, rose, sunburst, folds, crumble and lightning |
| <b>8</b> | Feb   | Care and maintenance of clothes and Laundry Symbols<br>Meaning of laundering, steps, and laundry symbols.)<br>Stain removal<br>Meaning of laundering, steps, and laundry symbols.  |
| <b>9</b> | March | <b>Final Examinations</b>  |

**Remarks:**

Practicals- Different Methods Of Cooking, Tie And Diye , Table Layout, Table Manners And Napkin Folding.