** ROYAL OAK INTERNATIONAL SCHOOL**

**Sr. Sec. C.B.S.E Affiliated**

**SESSION: 2019-20**

**Whole year syllabus of class IX**

**SUBJECT -ENGLISH Code (184) English Language and Literature**

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| **MONTH/****DAYS Days** | **CHAPTERS TO BE COVERED** | **Worksheet /** **Activity/Assignment** |
| **MARCH****&****APRIL****(21)** | **Prose: L1:** The Fun They Had, **L2:** The Sound of Music**Poem: P1:** The Road Not Taken, **P2:** Wind**SR: 1 :** The Lost Child**Writing Skills:**  Diary Writing **Grammar :** Tenses, Subject Verb Concord | **Assignments and****Worksheets will be****Provided every****fortnight according****to the requirement****of the chapters.** |
| **MAY** **(23)** | **Prose: L3:** The Little Girl**Poem: P3:** Rain on the Roof,**SR: 2 :** The Adventures of Toto, **Writing Skills:** Story Writing**Grammar :** Determiners, Preposition**Reading:** Unseen Passage |
| **JUNE** | **SUMMER VACATION** |
| **JULY** **(10)** | **Prose: L4:** A Truly Beautiful Mind  **P4:** The Lake Isle of Innisfree **SR: 5 :** The Happy Prince**Grammar :** Jumbled Sentences & Gap Filling |
| **WRITTEN EVALUATION SYLLABUS: UNIT TEST – I (M. M. – 40)****Prose: L1:** The Fun They Had, **L2:** The Sound of Music, **Poem: P1:** The Road Not Taken, **P2:** Wind, **P3:** Rain on the Roof**SR: 1 :** The Lost Child, **2 :** The Adventures of Toto, **Writing Skills:**  Diary Writing & Story Writing**Grammar :** Gap Filling, Editing or omission, Sentences reordering**Reading:** Unseen Passage. |
| **AUG. (20)** | **Prose: L5:** The Snake and the Mirror **L6:**My Childhood **SR :** **3 :** Iswaran the Story Teller, **4 :** In the Kingdom of Fools**Poem: P5:** A Legend of the Northland **Grammar :**Narration**Writing Skills:** Description |
| **SEPT.** | Revision + SA-I Exam, Revision Direct & Indirect Speech |
| **WRITTEN EVALUATION SYLLABUS: HALF YEARLY EXAM (M. M. – 80)****Prose: L1:** The Fun They Had, **L2:** The Sound of Music, **L3:** The Little Girl, **L4:** A Truly Beautiful Mind, **L5:** The Snake and the Mirror **L6:**My Childhood**Poem: P1:** The Road Not Taken, **P2:** Wind, **P3:** Rain on the Roof, **P4:** The Lake Isle of Innisfree, **P5:** A Legend of the Northland**SR: 1 :** The Lost Child, **2 :** The Adventures of Toto, **3 :** Iswaran the Story Teller, **4 :** In the Kingdom of Fools, **5 :** The Happy Prince**Writing Skills:** Description/ Diary Writing**Grammar :**  Gap filling, Editing or omission, Sentences reordering or sentence transformation in context**Reading:** Unseen Passage. |
| **OCT.****(17)** | **Prose: L7:** Packing  **L8:**Reach for the Top **Poem: L7:**The Duck and the Kangaroo(poem)**SR: 7 :** Weathering the Storm , **7 :**The Last Leaf |  |
| **NOV.** | **Prose: L9:**The Bond of Love **Poem: L8:**On Killing a Tree (poem)  **L9:** The Snake Trying **SR: 8 :** A House is Not a Home  |
| **WRITTEN EVALUATION SYLLABUS: UNIT TEST – II (M. M. – 40)****Prose: L7:** Packing, **L8:**Reach for the Top**Poem: L7:**The Duck and the Kangaroo(poem),  **L8:**On Killing a Tree (poem)  **L9:** The Snake Trying**SR: 6 :** Weathering the Storm , **7 :**The Last Leaf, **Writing Skills:**  Diary Writing & Story Writing**Grammar :** Gap Filling, Editing or omission, Sentences reordering**Reading:** Unseen Passage |
| **DEC.** | **Prose: L10:** Kathmandu, **L11:**If I were you **Poem: L10:** A Slumber Did My Spirit leaf **SR: 9 :** The Accidental Tourist,**10 :** The Beggar |  |
| **JAN.** | **Recapitulation of the whole syllabus** |
| **FEB.** | **FINAL TERM EXAM** |
| **WRITTEN EVALUATION SYLLABUS: PRE-BOARD –I& II (M. M. – 80)****WRITTEN EVALUATION SYLLABUS: HALF YEARLY EXAM (M. M. – 80)****Prose: L1:** The Fun They Had, **L2:** The Sound of Music, **L3:** The Little Girl, **L4:** A Truly Beautiful Mind, **L5:** The Snake and the Mirror **L6:**My Childhood, **L7:** Packing, **L8:**Reach for the Top,  **L9:**The Bond of Love, **L10:** Kathmandu  **L11:** If I were you**Poem: P1:** The Road Not Taken, **P2:** Wind, **P3:** Rain on the Roof, **P4:** The Lake Isle of Innisfree, **P5:** A Legend of the Northland, **L7:**The Duck and the Kangaroo(poem),  **L8:**On Killing a Tree (poem)  **L9:** The Snake Trying, **L10:** A Slumber Did My Spirit leaf**SR: 1 :** The Lost Child, **2 :** The Adventures of Toto, **3 :** Iswaran the Story Teller, **4 :** In the Kingdom of Fools, **5 :** The Happy Prince, **6 :** Weathering the Storm , **7 :**The Last Leaf, **8 :** A House is Not a Home, **9 :** The Accidental Tourist **10 :** The Beggar**Writing Skills:** Description/ Diary Writing / & Story writing. **Grammar :**  Gap filling, Editing or omission, Sentences reordering or sentence transformation in context**Reading:** Unseen Passage. |



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**Maths**

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| **Month & day** | **Content** | **Chapters covered by activities** |
| **Apr.****(20)** |  Ch : - 1 . Number System Ch : - 2 Polynomial | **1.To construct the square – root spiral**  |
| **May & Jul.(23 +25 )** | Ch : - 3 Coordinate Geometry CH : - 4 linear equations in two variablesCh : - 5 Introduction to Euclid’ GeometryCh : - 6 Lines and anglesCh : - 7 Triangle. | 2. To find the values of abscissae and ordinates of various points given in a cartesian plane.3.To verify experimentally that if two lines intersect, then(i) the vertically opposite angles are equal(ii) the sum of two adjacent angles is 180º(iii) the sum of all the four angles is 360º. |
| **WRITTEN EVALUATION SYLLABUS: P.A. I - M.M. 40**Ch : - 1 . Number System Ch : - 2 Polynomial Ch : - 3 Coordinate Geometry CH : - 4 linear equations in two variables |
| **Aug. & Sept****(21+20)** | Ch:- 8 QuadrilateralsCH : - 9 Areas of Parallelograms and Triangles Ch:- 10 CirclesCh:-11 Construction | **4.**  To verify experimentally that the parallelograms on the same base and between same parallels are equal in area.**5.** To verify that the angle subtended by an arc of a circle at the centre is double the angle subtended by it at any point on the remaining part of the circle. |
| **WRITTEN EVALUATION SYLLABUS : Half Yearly Exams** **M.M. 80**Ch : - 1 . Number System Ch : - 2 Polynomial Ch : - 3 Coordinate Geometry Ch : - 4 linear equations in two variables Ch : - 5 Introduction to Euclid’s GeometryCh : - 6 Lines and angles, Ch : - 7 Triangle. Ch :- 10 Circles Ch:-11 Construction |
| **Oct. & Nov.****(19+21)** | Ch:- 12 Heron ’s FormulaCh:- 13 Surface areas and Volume. Ch :- 14.Statistics  | **6.** To find a formula for the curved surfacearea of a right circular cylinder, experimentally7. To draw histograms for classes of equal widths and varying widths. |
| **WRITTEN EVALUATION SYLLABUS :P.A – II M.M. 40**Ch:- 8 Quadrilaterals Ch : - 9 Areas of Parallelograms and Triangles Ch:- :- 12 Heron ’s Formula Ch:-14 Statistics |
| **Dec. & Jan.****(12+23)** | Ch :- 15 Probability | 8.To find experimental probability of unit’s digits of telephone numbers listed on a page selected at random of a telephone directory.9.To verify that the angles in the samesegment of a circle are equal. |
| **Feb. (21)** | Revision |  |
|  **WRITTEN EVALUATION SYLLABUS : Yearly Exams M.M. 40**  All the Chapters (Ch .No -1 to Ch .no 15) |

**Science**

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| **Months** | **No. of days** | **Contents** | **Chapters covered by activities** | **Practical** |
| April  | 17 | **Physics**Ch : 8 Motion**Chemistry**Ch 1. Matter In Our Surroundings**Biology**Ch 5. The fundamental unit of life | ---------- | **Physics**To verify Law of reflection of sound**Chemistry**To prepare:a) a true solution of common saltb) a suspension of chalk in waterc) a colloidal solution of starch in water and distinguish between these on the basis oftransparency, filtration and stability**Biology**1. To prepare stained temporary mounts of (a) onion peel and (b) human cheek cells and to record observations and draw their labeled diagrams. |
| May | 24 | **Physics**Ch : 9 Force and Laws of motion**Chemistry**Ch2. Is matter around us pure**Biology**Ch 6. Tissues: Plant tissues | ---------- | **Physics**To determine density of solids by using spring balance**Biology** To identify parenchyma and sclerenchyma tissues in plants, striped muscle fibers and nerve cells in animals, from prepared slides and to draw their labeled diagrams. |
| July | 23 | **Biology**Ch 6. Tissues: Animal tissues**Chemistry**Ch2. Is matter around us pure |  | **Chemistry** To prepare a) a mixture b) a compound, using iron filings and sulphur powder and distinguish between these on the basis of their properties.**Biology**3. To test (a) the presence of starch in the given food sample, (b) the presence of the adulterant metanil yellow in dal. |
| **WRITTEN EVALUATION SYLLABUS : UTI M.M.(** 40) **Physics** Ch : 8 Motion Ch : 9 Force and Laws of motion **Chemistry** Ch 1. Matter In Our Surroundings**Biology** Ch 5. The fundamental unit of life Ch 6. Tissues: Plant tissues |
| Aug. | 21 | **Physics**Ch : 10 Gravitation**Chemistry**Ch 3. Atoms and Molecules**Biology**Ch 15. Improvement in Food Resources | ---------- | **Physics**To establish the relation b/w the loss in weight of solid when fully immersed in a) Tap water  b) Salt Water**Chemistry**To carry out the following reactions and classify them as physical or chemical changes:a. Iron with copper sulphate solution in waterb. Burning of magnesium in airc. Zinc with dilute sulphuric acidd. Heating of copper sulphatee. Sodium sulphate with barium chloride in the form of their solutions in water |
| Sept.  | 19 | Revision | ---------- |  |
| **WRITTEN EVALUATION SYLLABUS : Half Yearly M.M.** 80 (theory + practical)**Physics** Ch : 8 Motion Ch : 9 Force and Laws of motion Ch : 10 Gravitation**Chemistry** Ch 1. Matter In Our Surroundings Ch2. Is matter around us pure**Biology** Ch 5. The fundamental unit of life Ch 6. Tissues Ch 15. Improvement in Food Resources |
| Oct. | 18 | **Physics**Ch : 11 Work & Energy**Chemistry**Ch 4. Structure of Atom**Biology**Ch 7. Diversity in Living organisms |  | **Physics**To determine the speed of a pulse propagated through a string**Chemistry**To separate the components of a mixture of sand, common salt and ammonium chloride (or camphor) by sublimation.**Biology**4. characteristic of Spirogyra/Agaricus, Moss/Fern, Pinus ( either with male or female cone) and an Angiospermic plant. 5.pictures/charts/models of earthworm, cockroach, bony fish and bird. |
| Nov. | 19 | **Biology**Ch 13. Why do we fall ill |  | **Physics**To verify the Laws of Newton**Chemistry** To determine the melting point of ice and the boiling point of water.To determine the mass percentage of water imbibed by raisins.**Biology**6. To study the external features of root, stem, leaf and flower of monocot and dicot plants.7. To study the life cycle of mosquito |
| **WRITTEN EVALUATION SYLLABUS : UT II** M.M. 40**Physics** Ch : 11 Work & Energy **Chemistry** Ch 3. Atoms and Molecules **Biology** Ch 7. Diversity in Living organisms |
| Dec. | 21 | **Physics**Ch - 12 Sound**Biology**Ch 14. Natural Resources | ----------  | **Chemistry** To verify the law of conservation of mass in a chemical reaction. |
| Jan. | 19 | Revision |  |  |
| Feb. | 8 | Revision |  |  |
| **WRITTEN EVALUATION SYLLABUS : Yearly Exam** - M.M. 80 (theory+practical)**Physics** Ch : 8 Motion Ch : 9 Force and Laws of motion Ch : 10 Gravitation Ch : 11 Work & Energy  Ch - 12 Sound**Chemistry** Ch 1. Matter In Our Surroundings Ch2. Is matter around us pure Ch 3. Atoms and MoleculesCh 4. Structure of Atom**Biology** Ch 5. The fundamental unit of life Ch 6. Tissues Ch 15. Improvement in Food Resources Ch 7. Diversity in Living organisms Ch 14. Natural Resources |

**SOCIAL SCIENCE**

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| **Month** |  **Days** | **Chapters To be covered** | **Activity** | **Assignments** |
| **April** | **25** | Geo. L-1 India size & location L- 2 Physical features of IndiaEco. L- 1 The story of village palampur | Diagrams , Crosswords ,Flow Charts,Map work,posters ,Brochures ,Debate & Group Discussion **( as per the** **requirement** **of the** **chapter )** | Assignments  & Worksheets **(as per** **Requirement of****the chapter will** **be provided)** |
| **May** | **23** | His. L-4 Forest society & colonization Pol L-2 What is democracy ? Why DemocracyEco. L-2 people as resource |
| **July****(PA I)** | **25** | Geo. L-3 drainage L-4 Climate |
| **WRITTEN EVALUATION SYLLABUS: PA I (40)**(5 chapters) H L-4 G L-1,2 P L- 2 E L-1 |
| **Aug.** | ***21*** | His L-3 Nazism and the rise of HitlerPol. L-3 Constitutional DesignEco. L-3 Poverty as Challenge |
| **Sep.****(Exams)** | ***21*** | Eco. L-4 Food security inIndia |
| **WRITTEN EVALUATION SYLLABUS: Half Yearly (80)** (9 chapters)H L-3,4 G L –2,3,4 P L -2,3 E L-1,2 |
| **Oct.**  | ***19*** | His L-1 French Revolution Geo. L-6 Population. |
| **Nov.** | ***21*** | Pol. L-4 Electoral Politics  L-5 Working of Institutions |
| **WRITTEN EVALUATION SYLLABUS: Pre – Board I (80)** (5 chapters)H L-1 G L-4,6 P L-4 E L-3 |
| **Dec.** | ***20*** | His. L-2 Socialism in Europe and the Russian revolutionPol. L-6 Working of Institution |
| **Jan** | ***20*** | Geo. L-5 Natural Vegetation and Wildlife |
| **Feb.** | **21** | **Revision** |
| **WRITTEN EVALUATION SYLLABUS: Pre – Board II (80)**Whole Syllabus (April to Nov) |

**Computer**

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| **Month** | **No. of days** | **Contents (Theory)** | **PRACTICALS** |
| April |  | Unit ILesson 1- Basic of information technologyLesson 2 – Operating System  | **Practical based on MS – Word**How to make folder, Setting Date /Time, Page Formatting, Bullets & Numbering  |
| May |  | Unit II Lesson 3- Computer networking | Editing of data, Find Replace, Header & Footer, Mail Merge, Auto format,  |
| July |  | Lesson 4 –Cyber safety | **Practical based on MS – Word** Use of alignments, How you can change cases, Formatting of a Paragraph, Find & Replace, Mail Merge, Creating document in Mail Merge, Bookmarks & Hyperlink  |
| **WRITTEN EVALUATION SYLLABUS :** PA-I M. M 40Ch- 1,2 and 3 |
| Aug. |  | Lesson 5 – Editing and formatting in a Word processor Lesson -6 More features of Word Processor | M.S Word |
| Sept. |  | **Revision** |  |
| **WRITTEN EVALUATION SYLLABUS : Half Yearly M.M. 80****Ch-1 to ch-6** |
| Oct. |  | Ch-7: Introduction to presentation softwareCh-8:Adding effect to a presentation | **Practical based on MS – Power point-**Creating a presentation using wizard, Power point Views, Formatting of a Slide, Header & Footer, Graphics & Use of Animation Effects, Slide Transition.  |
| Nov. |  | Lesson 9 Introduction to SpreadsheetsLesson 10 Formulae and Charts in a Spreadsheet | **Practical based on MS – Excel-**Entering data in a worksheet, make changes in a worksheet, deleting a worksheet, Formatting of a table like increasing & decreasing of width of rows & columns, alignment setting, Mathematical functions & charts. |
| **WRITTEN EVALUATION SYLLABUS : P.A. –II 40****Ch – 7,8,9,10** |
| Dec. |  |  Lesson 11 Societal Impact of Information  | Practical of MS Excel |
| Jan. |  | **Revision** |  |
| Feb. |  | **Revision** |
| **WRITTEN EVALUATION SYLLABUS : Yearly Exam M.M. 80****Ch – 6, 7, 8, 9, 10, 11** |