

**Sir Padampat Singhania Education Centre**

**Kamla Nagar, Kanpur**

**Lesson Plan**

**Session 2023- 2024**

**Class: IX**

**Subject : Biology**

**Book : Science (NCERT) - IX**

**Subject Coordinator Head of Department**

Name: Agnita Naha Name: Ms. Agnita Naha

Sign: Sign:

**Sir Padampat Singhania Education Centre**

**Kamla Nagar, Kanpur**

**Yearly Syllabus/Planning overview**

**Session: 2023 - 2024**

**Subject: Physics**  **Class : 9** **No. of periods: 109 ×5 sections**

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| --- | --- | --- | --- |
| **Month** | **Assessed in** | **Lesson/s to be covered** | **Period Count** |
| April | Test 1,Annual exam | **Chapter 5 : The fundamental unit of life** | 10 |
| May | Test 1,annual exam | Chapter 5 : The fundamental unit of life | 14 |
| July | Test 2,annual exam | Chapter 6: Tissues  | 11 |
| August  | Test 2,annual exam | Chapter 6: Tissues | 10 |
| September  |  | Revision+test 2  | 12 |
| October  | Test 3,annual exam | Improvement in food resources  | 9 |
| November  |  | Revision/ practicals | 9 |
| December  |  |  Revision | 11 |
| January  |  | Revision | 7 |
| February  |  |  | 5 |
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Subject coordinator: Agnita Naha HOD: Ms. Agnita Naha

**Sir Padampat Singhania Education Centre**

**Kamla Nagar, Kanpur**

**Monthly lesson plan overview**

**Session: 2023 - 2024**

**Subject : Biology**  **Class : 9**

**Book : Science (NCERT) - 9** **No. of periods : 109×5 sections**

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| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| **From** | **To** |
| 4.4.23 | 8.4.23 | **Introduction to the new curriculum, division of science into phy, chemistry and biology** | 2 |  |
| 10.4.23 | 15.4.23 | **The fundamental unit of life- Introduction,plasma membrane** | 2 |  |
| 17.4.23 | 22.4.23 |  **The fundamental unit of life- plasma membrane ,Intext Questions,cell wall** | 3 |  |
| 24.4.23 | 29.4.23 |  **The fundamental unit of life- cellular organelles** | 3 |  |
| 1.5.23 | 8.5.23 | Cellular organelles  | 2 |  |
| 8.5.23 | 13.5.23 | Cell division, back exercises | 3 |  |
| 15/5/23 | 20/5/23 | Workbook, practical | 3 |  |
| 22/5/23 | 27/5/23 | Chapter 6: Tissues Introduction | 3 |  |
| 29/5/23 | 29/5/23 | Plant tissues | 3 |  |
| 1.7.23 | 8.7.23 | Plant tissues | 3 |  |
| 10.7.23 | 15.7.23 | Animal tissues  | 3 |  |
| 17.7.23 | 22.7.23 | Revision for test 1 | 3 |  |
| 24.7.23 | 31.7.23 | Animal tissues  | 2 |  |
| 1.8.23 | 5.8.23 | Question and answers and exercises | 3 |  |
| 7/8/23 | 12/8/23 | Notes of tissues  | 3 |  |
| 14.8.23 | 19.8.23 | Workbook  | 2 |  |
| 21.8.23 | 26.8.23 | Practical  | 2 |  |
| 28.8.23 | 2.9.23 | Improvement in food resources | 3 |  |
| 4.9.23 | 9.9.23 |  Crop management | 3 |  |
| 11.9.23 | 16.9.23 | Test 2 |  |  |
| 18.9.23 | 24.9.23 | Animal husbandry | 3 |  |
| 26.9.23 | 30.9.23 |  Animal husbandry | 3 |  |
| 1.10.23 | 7.10.23 | Animal husbandry | 2 |  |
| 9.10.23 | 14.10.23 | Back exercises | 3 |  |
| 16.10.23 | 21.10.23 | Revision/workbook | 3 |  |
| 24.10.23 | 31.10.23 | Revision | 1 |  |
| 1.11.23 | 11.11.23 |  Revision | 3 |  |
| 13.11.23 | 18.11.23 | Revision | 2 |  |
| 20.11.23 | 25.11.23 | Revision | 2 |  |
| 27.11.23 | 2.12.23 | Revision | 2 |  |
| 4.12.23 | 9.12.23 |  Revision | 3 |  |
| 11.12.12.23 | 16.12.23 | Revision | 3 |  |
| 18.12.23 | 23.12.23 | Revision | 3 |  |
| 25.12.23 | 30.12.23 | Revision | 2 |  |
| 8.1.24 | 13.1.24 | Revision | 3 |  |
| 15.1.24 | 20.1.24 | Revision | 2 |  |
| 22.1.24 | 27.1.24 | Revision | 2 |  |
| 29.1.24  | 3.2.24 | Revision | 3 |  |
| 5.2.24 | 10.2.24 |  Revision | 3 |  |
| 12.2.24 | 17.2.24 | Revision  | 2 |  |
| 19.2.24 | 24.2.24 | Revision  |  |  |
| 26.2.24  | Onwards  | Annual examination  |  |  |

Subject coordinator: Agnita Naha HOD: Ms. Agnita Naha

**Sir Padampat Singhania Education Centre**

**Kamla Nagar, Kanpur**

**Weekly planning overview**

**Session: 2023- 2024**

**Subject : Biology**

**Class : 9** **No. of periods : 109**

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| --- | --- | --- | --- |
| **Period** | **Topic/s to be covered in classroom** | **Homework** | **Status (Yes/No)****(Reason if No)** |
| **WEEK 1:  3.4.23 to 8.4.23 Period Count: 2** |
| PD1 | Interaction with the students  |  | Yes |
| PD2 | General introduction about streams of science  |  | Yes |
| **Note: Second Saturday -8.4.23**  |
| **WEEK 2: 10.4.23 to 15.4.23** **Period Count: 3** |
| PD1 | Chapter 5- The fundamental unit of life-Introduction | Read till taught | Yes |
| PD2 | The fundamental unit of life-Types of cells , division of labour | Intext Questions/answers | Yes |
| **Note: Baisakhi and Ambedkar Jayanti - 14 April**  |
| **WEEK 3: 17.4.23 to 22.4.23 Period Count: 3** |
| PD1 | The fundamental unit of life-plasma membrane | Learn the topic taught | Yes |
| PD2 | The fundamental unit of life-plasma membrane,cell wall | Diagram of plant cell | Yes |
| PD3 | The fundamental unit of life- cell organelles | Diagram of animal cell | Yes |
| **Note :** **I'd Ul fitr- 22.1.23** |
| **WEEK 4: 25.4.23 to 30.4.23 Period Count: 3** |
| PD1 | The fundamental unit of life-cellular organelles | Learn the topic taught | Yes |
| PD2 | The fundamental unit of life-cellular organelles  | Complete the notebook work  | Yes |
| PD3 | The fundamental unit of life- notes given | Complete the in-text questions/answers | Yes |
| **WEEK 5. 1.5.23 to 8.5.23 Period Count: 3** |
| PD1 | Workbook | Do the intext questions  | Yes |
| PD2 | Workbook | Practice diagrams of cell organelles  | Yes |
| PD3 | Workbook  | Complete workbook  | Yes |
| **Note: Budhha Purnima - 5.5.23**  |
| **WEEK 6: 8.5.23 to 13.5.23 Period Count: 3** |
| PD1 | Cell division | Diagram |  |
| PD2 | Back exercises | Complete q/a |  |
| Pd3 | Back exercises |  |  |
| **Week 7: 15/5/23 to 20/5/23** | **Period count 3** |  |
| PD1 | Recapitulation - The fundamental unit of life | Revise |  |
| PD2 | Tissues : introdroduction | Read till taught |  |
| PD3 | Difference Between plant tissues and animal tossues | Intext q/a |  |
| **WEEK 8: 22/5/23 to 27/5/23 Period Count:3** |
| PD1 | Notes |  |  |
| PD2 | Notes |  |  |
| PD3 | Notes |  |  |
| **Week 9: 1/7/23 to 8/7/23** | **Period count 3** |  |
| PD1 |  plant tissues  | Read till taught  |  |
| PD2 | Plant tissues and their types  | Read till taught  |  |
| PD3 | Meristematic Tissues and their type and uses  | Complete the chart givenPractice diagram meristematic Tissues  |  |
| **Note :Second Saturday- 8.7.23** |
| **WEEK 10 -10.7.23 to 15.7.23 Period Count: 3**  |
| PD1 | Permanent plant tissues, types and uses | Practice diagram simple permanent tissues |  |
| PD2 | Complex plant tissues Xylem and phloem | Read till taught  |  |
| PD3 | Epidermal Tissues  | Draw and label the diagram of stomata  |  |
| **WEEK 11-17.7.23 to 22.7.23 Period Count: 3** |
| PD1 | Animal tissues and their types  | Complete the chart given |  |
| PD2 | Epithelial Tissues, types, occurance and functions  | Practice diagrams of various epithelial tissues |  |
| PD3 | Connective tissues, types, occurance and function | Read till taught  |  |
| **WEEK 12-24.7.23 to 31.7.23 Period Count: 3** |
| PD1 | Skeletal tissues, types, occurance and function. | Practice diagrams of various skeletal tissues  |  |
| PD2 | Nervous Tissue | Diagram of neuron  |  |
| PD3 | Chapter 6: Tissues intext questions  | Intex questions to be done in the notebook  |  |
| **Note: Moharram - 29.7.23**  |
| **WEEK 13-1.8.23 to 12.8.23 Period Count: 3** |
| PD1 | Chapter 6: Tissues N.C.E.R.T back exercises  | Complete written work  |  |
| PD2 | Chapter 6: Tissues N.C.E.R.T back exercises  | Complete the written work in the notebook  |  |
| PD3 | Chapter 6: Tissues workbook  | Complete Workbook  |  |
| **Note - Second Saturday - 12.8.23** |
| **WEEK 14- 14.8.23 to 19.8.23 Period Count: 3** |
| PD1 | Chapter 6: Tissues workbook  | Complete worksheet  |  |
| PD2 | Practical: To observe permanent slides of plant tissues under a microscope  | Practical work to be completed in practical notebook  |  |
| PD3 | Practical: To observe permanent slides of plant tissues under a microscope  |  |  |
| **Note- Independence day - 15.8.23** |
| **WEEK 15 -21.8.23 to 26 .8.23 Period Count: 3** |
| PD1 | Practical: To observe permanent slides of animal tissues under a microscope  | Write the practical in the practical notebook  |  |
| PD2 | Practical: To observe permanent slides of animal tissues under a microscope  | Read and understand the chapter  |  |
| PD3 | Chapter 6: Tissues revision | Questions |  |
| **WEEK -16 :28.8.23 to 2.9.23 Period Count: 3** |
| PD1 | Revision:The Fundamental unit of life  | Learn and prepare Chapter 5 |  |
| PD2 | Revision:The Fundamental unit of life  | Learn and prepare Chapter 5 |  |
| PD3 | Revision: Tissues | Learn and prepare Chapter 5 |  |
| **Note- Rakshabandhan - 31.8.23** |
| **WEEK 17 -15.9.23 to 9.9.23 Period Count: 2** |
| PD1 | Revision : Tissues | Revise |  |
| PD2 | Revision - Plant Meristematic Tissues  | Revise |  |
| PD3 | Revision: Simple Permanent Tissues  | Revise |  |
| **Note- Janamasthi Holiday - 9.9.23** |
| **WEEK 18 -11.9.23 to 16.9.23 Period Count: 3** |
| PD1 | Test 2 |  |  |
| PD2 | Test 2 |  |  |
| PD3 | Test 2 |  |  |
| **WEEK 19: 18.9.23 to 24.9.23 Period Count: 3** |
| PD1 | Improvement in food resources- introduction  |  |  |
| PD2 | Crop management |  |  |
| PD3 | Crop management |  |  |
| **WEEK 20:-26.9.23 to 30.9.23 Period Count: 3** |
| PD1 | Crop management  | Read till taught |  |
| PD2 | Crop management | Read till taught |  |
| PD3 | Animal husbandry  | Read till taught |  |
| **WEEK21 :-1.10.23 to 7.10.23 Period Count: 3** |
| PD1 | Animal husbandry | Read till taught  |  |
| PD2 |  Animal husbandry | Read till taught  |  |
| PD3 | Animal husbandry | Read till taught  |  |
| **Note- Gandhi Jayanti - 2.10.23** |
| **WEEK 22:-9.10.23 to 14.10.23 Period Count: 3** |
| PD1 | Discussion of intext q/a | Q/A |  |
| PD2 | Back exercises | Q/A  |  |
|  PD3 | Back exercises | Q/A |  |
| **Note - Second Saturday -14.10.23** |
| **WEEK 23:- 16.10.23 to 21.10.23 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision | Revise |  |
| PD3 | Revision | Revise |  |
| **WEEK 24:-24.10.23 to 31.10.23 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 |  Revision | Revise |  |
| PD3 | Revision | Revise |  |
| **Note - 22.10.23 to 24.10.23 - Asthami, Navmi, Dusshera** **Valmiki Jayanti- 28.10.23**  |
| **WEEK 25:- 1.11.23 to 11.11.23 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision | Revise |  |
| PD3 | Revision | Revise |  |
| **WEEK 26:- 13.11.23 to 18.11.23 Period Count: 3** |
| PD1 |  Revision | Revise |  |
| PD2 | Revision | Revise |  |
| PD3 | Revision |  Revise |  |
| **Note- Deepawali Holidays - 10.11.23 to 14.11.23** |
| **WEEK 27:-20.11.23 to 25.11.23 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision | Revise |  |
| PD3 |  Revision | Revise |  |
| **Note- Guru Tej Bahadur Balidan Diwas- 24.11.23** |
| **WEEK 28:-27.11.23 to 2.12.23 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision | Revise |  |
| PD3 | Revision | Revise |  |
| **Note- Gurunanak Jayanti - 27.11.23** |
| **WEEK 29:-4.12.23 to 9.12.23 Period Count: 2** |
| PD1 | Revision | Revise |  |
| PD2 | Revision | Revise |  |
| **Note - Second Saturday - 9.12.23** |
| PD3 | Revision | Revise |  |
| **WEEK 30:-11.12.23 to 16.12.23 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision |  Revise |  |
| PD3 | Revision | Revise |  |
| **WEEK 31:-18.12.23 to 23.12.23 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision | Revise |  |
| PD3 | Revision | Revise |  |
| **WEEK 32:-25.12.23 to 30.12.23 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision |  Revise |  |
| PD3 | Revision | Revise |  |
| **Note- Christmas Day- 25.12.23** |
| **WEEK 33: -8.1.24 to 13.1.24 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision | Revise |  |
| PD3 | Revision | Revise |  |
| **WEEK 34:-15.1.24 to 20.1.24 Period Count:3** |
| PD1 | Revision | Revise |  |
| PD2 |  Revision | Revise |  |
| PD3 | Revision | Revise |  |
| **Note- Makar sankranti - 15.1.24****Guru Govind Singh Jayanti - 17.1.24** |
| **WEEK 35:-22.1.24 to 27.1.24 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision | Revise |  |
| PD3 | Revision | Revise |  |
| **Note- Republic Day - 26.1.24** |
| **WEEK 36:-29.1.24 to 3.2.24 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision | Revise |  |
| PD3 | Revision | Revise |  |
| **WEEK 37:-5.2.24 to 10.2.24 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Revision | Revise |  |
| PD3 | Revision | Revise |  |
| **Note- Second Saturday - 10.2.24** |
| **WEEK 38:-12.2.24 to 17.2.24 Period Count: 3** |
| PD1 | Revision  | Revise |  |
| PD2 | Revision  | Revise |  |
| PD3 | Revision | Revise |  |
| **Note- Basant Panchami - 14.2.24** |
| **WEEK 39:-19.2.24 to 24.2.24 Period Count: 3** |
| PD1 | Revision | Revise |  |
| PD2 | Doubt clearance  | Revise |  |
| PD3 | Doubt clearance  | Revise  |  |
| **Note- Ravi Das Jayanti -24.2.24** |
| **WEEK 40- 26.2.24** |
|  |  Annual Exams |   |  |
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Subject coordinator: Agnita Naha HOD: Ms. Agnita Naha