

# **Bandi chhor Academy Sheopur**

## **Syllabus of Class 7<sup>th</sup>**

**Session 2024 -25**

### ***Sub- Science***

**Book recommended – link with science (Feather cap)**

#### ***Term -1***

**1.Nutrition in plants**

**2.Nutrition in animals**

**3. Heat**

**5.Physical and chemical changes**

**6.Respiration in organisms**

**9. Motion and Time**

**11.Light**

**PA -1**

**Chapter -1. Nutrition in plants**

**PA – 2**

**Chapter -2 Nutrition in plants**

**Chapter -3 Heat**

**List of experiments**

**1. To verify that chlorophyll is necessary for photosynthesis**

**2. Demonstration of models of teeth**

**3. To show the process of convection in a liquid**

**4. To show that heat is liberated during the process of respiration**

**5. To prove that incident angle and refracted angle are equal**

**Term -2**

**Chapter – 4 Acids bases and salts**

**Chapter -7 Transportation in animals and plants**

**Chapter – 8 reproduction in plants**

**Chapter – 10 Electric current and its effect**

**Chapter – 12 Forest our lifeline**

**Chapter -13 waste water story**

**PA -3**

**Chapter -4 Acids bases and salts**

**Chapter – 8 reproduction in plants**

**PA – 4**

**Chapter – 10 Electric current and its effect**

**Chapter – 12 Forest our lifeline**

**List of experiments**

- 1. To investigate the nature of a given substance using Litmus Paper**
- 2. Acid bases reactions.**
- 3. Demonstration of slide of TS of stem, root and leaf.**
- 4. Demonstration of permanent slide of binary fission in amoeba.**
- 5. To show permanent slide of fregmentation in Spirogyra.**
- 6. To make an electromagnet.**

## ***Subject – Social science***

**PT – 1 (History)**

**Chapter 1. Our locality through the ages**

**PT- 2**

**(History)**

**Chapter – 2. Places of eminence**

**Chapter – 3. Panchayat (Civics)**

**Term – 1**

**(History)**

**Chapter 1.Palaces of Eminence**

**Chapter 2.Our locality through ages**

**(Civics)**

**Chapter 3. Panchayat**

**Chapter 4. Nagar Palika**

**(History)**

**Chapter – 5.Notable historical sites**

**Chapter – 6.Eminent Festivals of the Region**

**Chapter – 7 Regional Disparities**

***Periodic test -3 (geography)***

**Chapter 8 Weather and Climate**

**Chapter 9 Major crops in India**

**Chapter 10. Types of farming and Modern Agriculture practices**

***Periodic test 4 (History)***

**Chapter 11. Empires of Krishnadevaraya and Akbar**

**Chapter 12. Sufi Bhakti Movement**

**Chapter 13 Pioneers of social reforms and spiritual unity**

**Term – 2**

**(Geography)**

**Chapter 8. Weather and Climate**

**Chapter 9. Major crops in India**

**Chapter 10. Types of farming and Modern Agriculture practices**

**(History)**

**Chapter 11. Empires of Krishnadevaraya and Akbar**

**Chapter 12. Sufi – Bhakti Movement**

**Chapter 13. Pioneers of social Reforms and Spiritual Unity**

**Chapter 14. Religious Beliefs and their impact**

**(Geography )**

**Chapter.15 South Africa Unveiled**

## ***Subject - Hindi***

**Total chapter**

**Hindi - 16**

**Grammar – 21**

**Periodic Test – 1**

**Hindi –**

**पाठ – 1 और भी दूँ**

**पाठ – 2 झूठ का सच**

**Hindi Grammar**

**पाठ – 1 भाषा , व्याकरण और लिपि**

**पाठ – 2 वर्ण – विचार**

पाठ – 3 वर्ण – संयोग

**Periodic Test – 2**

**Hindi –**

पाठ – 3 सिंदबाद

पाठ – 4 बूढा कुत्ता

**Hindi Grammar –**

पाठ – 4 संधि

पाठ – 5 शब्द - निर्माण : स्मास

पाठ – 6 शब्द - निर्माण : उपसर्ग और प्रत्य च

**TERM - 1**

**Hindi –**

पाठ – 1 और भी दूँ

पाठ – 2 झूठ का सच

पाठ – 3 सिंदबाद

पाठ – 4 बूढा कुत्ता

पाठ – 5 लीक पर वे चलें

पाठ – 6 समय – नियोजन

पाठ - 7 स्कूल मुझे अच्छा लगा

पाठ - 8 एक सिंद्रेला ऐसी भी

**Hindi Grammar**

पाठ – 1 भाषा , व्याकरण और लिपि

पाठ – 2 वर्ण – विचार

पाठ – 3 वर्ण – संयोग

पाठ – 4 संधि

पाठ – 5 शब्द - निर्माण : स्मास

पाठ – 6 शब्द - निर्माण : उपसर्ग और प्रत्यय

पाठ – 7 शब्द - विचार

पाठ – 8 शब्द – विवेक

पाठ - 9 संज्ञा

पाठ – 17 विराम चिह्न

पाठ – 18 मुहावरे लोकोक्तियाँ

पाठ - 20 कहानी और अनुच्छेद – लेखन

### **Periodic Test – 3**

**Hindi –**

पाठ – 9 जीवन नहीं मरा करता है

पाठ – 10 मेरा सबसे प्यारा ओलंपिक पदक

**Hindi Grammar –**

पाठ – 10 संज्ञा विकार

पाठ – 11 सर्वनाम

पाठ – 12 विशेषण

### **Periodic Test – 4**

**Hindi –**

पाठ – 11 विधाता की अनुपम रचना

पाठ – 12 मशीनी मानव

पाठ – 13 हिंदी जन की बोली है

**Hindi Grammar –**

पाठ – 13 क्रिया

पाठ – 14 क्रिया : काल और वाच्य

पाठ – 15 अव्यय

**TERM - 2**

**Hindi –**

पाठ – 9 जीवन नहीं मरा करता है ‘

पाठ – 10 मेरा सबसे प्यारा ओलंपिक पदक

पाठ – 11 विधाता की अनुपम रचना

पाठ – 12 मशीनी मानव

पाठ – 13 हिंदी जन की बोली है

पाठ – 14 यह मेरा , यह मीत का

पाठ – 15 निष्ठुर अनुकंपा

पाठ – 16 कुंडलियाँ

**.Grammar –**

पाठ – 10 संज्ञा विकार

पाठ – 11 सर्वनाम

पाठ – 12 विशेषण

पाठ – 13 क्रिया

पाठ – 14 क्रिया : काल और वाच्य

पाठ – 15 अव्यय

पाठ – 19 अपठित गद्यांश

पाठ – 21 पत्र और निबंध लेखन

## ***Subject English***

**Book recommended- Communicate in English**

**Book recommended- Wizard English Grammar**

**TERM-1**

**Book – Communicate in English**

**Chapter 1: Abou Hassan's Tricks**

**Chapter 2: The Flatters**

**Poem: Faithful Friends**

**Chapter 3: One Thousand Cranes**

**Chapter 4: My Big Brother**

**Poem: The Pen**

**Chapter 5: The Lost Child**

**Chapter 6: The Poor Shepherd Boy**

**Poem: Happy Life**

**Book – Wizard English Grammar**

**Chapter 1: Sentences**

**Chapter 2: Subject and Predicate**

**Chapter 3: Parts of Speech**

**Chapter 4: Noun**

**Chapter 5: Pronoun**

**Chapter 6: Adjectives**



**Chapter 7: Verbs**

**Chapter 8: Adverbs**

**Chapter 9: Prepositions**

**Chapter 10: Conjunction**

**Chapter 11: Interjection**

**Chapter 12: Modals**

**Chapter 13: Articles**

**Chapter 14: Subject-Verb Concord**

**Chapter 15: Phrases and Clauses**

**Periodic test 1**

**English**

**Ch-1 Abou Hassan's Tricks**

**Grammar**

**Ch- 1 Sentences**

**Periodic test 2**

**English**

**Ch-3 One Thousand Cranes**

**Ch-6 The Poor Shepherd Boy**

**Grammar**

**Ch- 4 Noun**

**Ch- 7 Verb**

**Ch- 12 Modals**

**Ch- 13 Articles**

**TERM-2**

**Book – Communicate in English**

**Chapter 7: Jim Corbett**

**Chapter 8: The Cherry Tree**

**Poem: What Do We Plant When We Plant The Tree?**

**Chapter 9: Story of Robinson Crusoe**

**Chapter 10: The Merchant of Venice**

**Poem: The Quality of Mercy**

**Chapter 11: Two Gentleman of Verona**

**Chapter 12: Doxie, the Robot**

**Poem: A Message for Mum**

**Book – Wizard English Grammar**

**Chapter 16: Gender**

**Chapter 17. Degrees of Comparison**

**Chapter 18. Direct and Indirect Speech**

**Chapter 19. Active-Passive Voice**

**Chapter 20. Simple, Compound and Complex Sentences**

**Chapter 21. Forms of Verb**

**Chapter 22. Tenses**

**Chapter 23. Notice**

**Chapter 24. Factual Description**

**Chapter 25. Letter Writing**

**Chapter 26. Articles**

**Chapter 27. Story-Writing**

**Chapter 28. Emails**

**Chapter 29. Speech**

**Chapter 30. Comprehension Passages**

**Periodic test 3**

**English**

**Ch 7 Jim Corbett**

**Ch 8 The Cherry Tree**

**Grammar**

**Ch 16 Gender**

**Ch 17 Degrees of Comparison**

**Ch 19 Active and Passive Voice**

**Periodic test 4**

**English**

**Ch 10 The Merchant of Venice**

**Ch 11 Two Gentleman of Verona**

**Grammar**

**Ch 18 Direct and Indirect Speech**

**Ch 22 Tense**

**Ch 25 Letter Writing**

***Sub : G.K***

**Unit -1            About Nature**

**Unit -2            Our World**

**Unit -3            Wonderful India**

**Unit -4            Play with Word**

**PA-1**

**Unit -1            About Nature**

**PA-2**

**Unit -2            Our World**

**Term – II**

**Unit -5            About Science**

**Unit -6            Brain Storming**

**Unit -7            Let's know about sports**

**Unit -8            important things to learn**

**Unit -9            Life skills & Yoga**

**PA-3**

**Unit -5            About Science**

**PA-4**

**Unit -6            Brain Storming**

**Unit -7            Let's know about sports**

## ***Sub – Computer***

**Term - 1**

**Chapters**

**1    Networking**

**2    Computer and its Enemy**

**3. Formulae and functions in EXCEL**

**4. Advanced features of EXCEL-2013**

**5. Adobe flash CS5**

**PA -01**

**PA -02 -**

**Chap. 01- Networking  
and its Enemy**

**Chap. 02 – Computer**

**Term- 02**

**3 More in Q Basic**

**4.Graphics and sound in Q Basic**

**5.Adobe photo shop tools**

**9.More about photo shop tools**

**PA -03**

**PA -04**

**Chap. 01- More in Q Basic**

**Chap. 02 – Graphics and sound**

## ***Subject – Maths***

**Book Recommended: Maths time**

**Term – 1<sup>st</sup>**

| <b>Chapter No.</b> | <b>Chapter Name</b>                        |
|--------------------|--|
| <b>1.</b>          | <b>Integers</b>                            |
| <b>2.</b>          | <b>Fractions</b>                           |
| <b>3.</b>          | <b>Decimals</b>                            |
| <b>4.</b>          | <b>Rational numbers</b>                    |
| <b>5.</b>          | <b>Operations on rational<br/>Numbers</b>  |
| <b>6.</b>          | <b>Exponents and powers</b>                |
| <b>7.</b>          | <b>Algebraic expressions</b>               |
| <b>8.</b>          | <b>Linear equation in one<br/>Variable</b> |

**10. Lines and angles**

**11. Centroid, Orthocentre Incentre and Circumcenter of a triangle.**

**Periodic test – 1<sup>st</sup>**

**Ch – 4 Rational numbers**

**Ch – 5 Operations on rational numbers**

**Periodic test – 2<sup>nd</sup>**

**Ch. – 1 Integers, Ch – 2 Fractions**

**Term – 2<sup>nd</sup>**

**Chapter No. Chapter Name**

**9. Applications of percentage**

**12. Quadrilateral**

**13. Circle**

**14. Symmetry**

**15. Visualising solid shapes**

**16. Perimeter and area**

**17. Surface areas and volumes**

**18. Data handling**

**Periodic test – 3<sup>rd</sup>**

**Ch – 9 Applications of percentage**

**Ch – 12 Quadrilateral**

**Periodic test – 4<sup>th</sup>**

**Ch – 16 Perimeter and area**

**Ch- 18 Data handling**

