

Air force school Jaisalmer

Syllabus class - VIII

Subject - Science

S.no.	Chapters		Integrated activities
1	Crop production and management	April	*Field survey Write the botanical name of the plants which are in school premises.
2	Microorganisms friends and foe	May	*Study of protozoa from permanent slide study of fungi study of green algae from a permanent slide. *Prepare a project on diseases caused by microbes in humans [any two diseases]. Mention-: (a) Mode of Transmission. (b)Name of the microbes. (c)Symptoms and (b)Methods of prevention & control (Paste pictures also).
3	Coal and Petroleum	June	*Get five outline maps of India and mark the places where the following are found: coal ,petroleum, natural gas, petroleum refineries and thermal power plants.
4	Combustion and flame	July	*Make work to study the location of national parks, sanctuaries and biosphere reserves.
5	Conservation of plants and animals		
6	Reproduction in animals		

7	Reaching age of adolescence	August	*Information gathering about AIDS and HIV .second write an article about awareness of AIDS in society.
Syllabus of term 1 (half yearly examination)			
8	Force and pressure	October	*Visit the music room and find the name of the vibrating part in each musical. *Preparing a model to show electrostatic force and magnetic force (like magnetic toy)to show attraction and repulsion
9	Sound		
Syllabus of periodic test 2.			
10	Some natural phenomena	November	*Collect information about the earthquake that happened in India, within the last 10 years.
11	Chemical effects of electric current		*Electrolysis of water.
12	Friction		*Static, sliding and rolling friction activities. *Study of increase or decrease in the frictional force between two different surfaces with and without lubricant.
13	Light	December	*Observe the dispersion of light through a prism and draw the diagram. *Model of Periscope multiple images, parallel mirror forms infinite images
Syllabus of annual examination from 8 to 13.			

Tarun Bhati
TGT Science

Subject -Mathematics

April

Chapter1: Rational Numbers

Chapter2: Linear Equations in One Variable

Integrated activity -

1: Basic properties will be discussed by replacing 3 students to a b c.

2: Students will practice to frame linear equations in one variable from their daily life situations and try to solve them .

May/June

Chapter3: Understanding Quadrilaterals

Integrated activity- Properties of different types of Quadrilaterals will be discussed with the help of Geo board.

July

Chapter4: Data Handling

Chapter5: Squares and Square Roots

Integrated activity -

1: Students will learn probability with the help of playing cards and dice.

2: Square of a number will be correlated as the area of rectangle having 4 equal sides .

August

Chapter 6: Cubes and Cube Roots

Chapter 7: Comparing Quantities

Integrated activity -

1: Cube of a number will be correlated to the volume of cuboid having equal sides.

2: Students will play role of a bank worker to understand simple and compound interest.

September

Half Yearly Exam

October

Chapter8: Algebraic Expressions and Identities

Integrated activity -

Students will write different types of Algebraic expression and give to their friends for addition, subtraction and multiplication.

November

Chapter9: Mensuration

Chapter10: Exponents and Powers

Integrated activity -

1: All the formulas will be discussed and derived with the 3 D shapes.

2: Students will be practice to frame different types of problems related to Exponents and Powers and other students will solved them.

December

Chapter11: Direct and Inverse Proportions

Integrated activity -

Students will share their experience as Direct and inverse proportion using different physical quantities.

January

Chapter12: Factorisation

Chapter13: Introduction to Graphs

Integrated activity -

Students will find image co-ordinates of given points in different quadrant's.

February

Revision

March

Annual Exam

ARUN KUMAR

TGT

Subject - SST

S. No.	MONTH	TOPIC	ART INTEGRATED TEACHING
1.	(April – may)	Geo.- 1. Resources 2. Land ,soil, water, natural vegetation History – 1.How, when and where 2. From trade to territory 3. ruling the countryside	Presentation on resources. Group discussion on conservation of natural resources.
2.	(June- July)	His. – 4. Tribal,dikus and the vision Civ.- 1. The Indian constitution 2.Understanding secularism 3. Why do we need a parliament	Presentation on our fundamental rights. Role playing Real display of parliament in class.
3.	(August – September)	Geo.- 3. Minerals and power resources His.- 5. When people Rebel Civ.- 4. Understanding laws 5. Judiciary	Speech competition on minerals and growth of nation. Debate activity about justice delay in India.
4.	(Oct.-Nov.)	Geo.- 4. Agriculture His. – 6. Colonialism and the City 7. Civilizing the native educating the nation Civ.- 6. Understanding our criminal justice system 7.Understanding marginalisation	Collage activity about this chapter. Quiz activity about marginalised communities.
5.	(Dec.- Jan.)	Geo.- 5. Industries His.- 8. Women caste and reform	Report writing on social reformers of India.

		9. The making of national movement Civ.- 8. Confronting marginalisation 9. Public facilities	Essay about importance of public facilities.
6.	(Feb.-March)	Geo. – 6. Human resources	Group discussion activity about high population growth.

Preeti Bhatia
TGT Social science

विषय - संस्कृत

माह- अप्रैल

पाठ 1 - सुभाषितानि

विशेष परियोजना कार्य/क्रियाकलाप
श्लोकोच्चारण कंठस्थीकरण प्रतियोगिता,
नीति वाक्यों/सूक्तियों का फलक निर्माण

पाठ 2 - कर्मफल प्रधानम्

विशेष परियोजना कार्य/क्रियाकलाप
संस्कृत चित्र कथा- (सिंह:-चित्रकारः)

माह- मई

पाठ 3 - दिनचर्या

विशेष परियोजना कार्य/क्रियाकलाप
स्वदिनचर्या लेखनम्, घंटिका समयज्ञानम्, उद्यानस्य चित्रं दृष्ट्वा अनुच्छेद लेखन

माह - जून

पाठ 4 - काकोल्लुककथा

विशेष परियोजना कार्य/क्रियाकलाप
'जैसे को तैसा' शीर्षक पर लघुकथा, प्राचीन प्रेरक कहानी संवादात्मक शैली में

माह -जुलाई

पाठ 5 - प्राचीना नगरी काशी

विशेष परियोजना कार्य/क्रियाकलाप
काशीमन्दिराणां चित्रं दृष्ट्वा परिचयात्मक संस्कृते वाक्य लेखन,
शैक्षणिक भ्रमणस्य वर्णन, चित्र संग्रहः

पाठ 6 - भारतीया वैज्ञानिकाः

विशेष परियोजना कार्य/क्रियाकलाप

भारतीय वैज्ञानिकानां- आविष्कारस्य विसरे प्रश्नमंच प्रतियोगिता, चित्रं दृष्ट्वा संक्षिप्त परिचयः

माह- अगस्त

पाठ 7- सदसंगतिः

विशेष परियोजना कार्य/क्रियाकलाप

पाठे आगतानां अवयवानां चयनं कृत्वा वाक्य प्रयोगः (वृक्षचित्रे शाखासु)

पाठ 8 - स्वच्छभारताभियानम्

विशेष परियोजना कार्य/क्रियाकलाप

स्वच्छता अभियानस्य चित्रं दृष्ट्वा अनुच्छेद लेखन

माह -सितम्बर अर्द्धवार्षिक परीक्षा के लिये दोहरान कार्य

अर्द्धवार्षिक परीक्षा

माह- अक्टूबर

पाठ 9 - तेनालीरामः

विशेष परियोजना कार्य/क्रियाकलाप

भाषाखेल, प्रहेलिकाः,संस्कृत वाक्यानां हिन्दी अनुवादः

पाठ 10 - सूर्यदेवस्य जयः

. विशेष परियोजना कार्य/क्रियाकलाप

प्राकृतिक चित्रे सूर्योदयस्य रंग भरना तथा पंचवाक्य लेखन

माह- नवम्बर

पाठ 11 - भारते भाति भारती

विशेष परियोजना कार्य/क्रियाकलाप

विभिन्न संस्थाओं के प्रतीक चिह्नों को देखकर ध्येय वाक्य लेखन

पाठ 12 - गीताज्ञानम्

विशेष परियोजना कार्य/क्रियाकलाप

दो गुब्बारों पर लिखे संस्कृत-हिन्दी शब्दार्थों का मिलान करना, गीता श्लोकोच्चारण प्रतियोगिता

माह- दिसम्बर

पाठ 13 - परिचयज्ञानम्

विशेष परियोजना कार्य/क्रियाकलाप

प्राकृतिक चित्र को देखकर विचार लेखन

पाठ 14-अस्माकं राष्ट्रीयप्रतीकाः

विशेष परियोजना कार्य/क्रियाकलाप

छात्र सीढ़ियों से तिरंगे ध्वज तक जाएगा। सीढ़ियों पर एक से दस तक संस्कृत में संख्या लिखें तथा उच्चारण करें। राष्ट्रीय प्रतीक चिह्नों के चित्र व नाम का चार्ट निर्माण तीनों भाषाओं में शब्दावली

माह- जनवरी

पाठ 15 -महाकविः कालिदासः

विशेष परियोजना कार्य/क्रियाकलाप

महाकवि कालिदास के सात ग्रन्थों के नाम लिखें।

पाठ को नाटक अभिनय के रूप में प्रदर्शित करें।

पाठ 16- यातायात संज्ञकेताः

विशेष परियोजना कार्य/क्रियाकलाप

यातायात संकेतों के चित्र व नाम का फलक निर्माण

वाहनों के संस्कृत नाम

बाइक व कार चलाने की प्रतियोगिता का वर्णन

कपोत-मूषककथा चित्र देखकर लेखन

हास्यगोलकानि

माह- फ़रवरी

वार्षिक परीक्षा के लिये पुनरावृत्ति कार्य

माह- मार्च

वार्षिक परीक्षा

Subject -English

- **Month -April and May**
- MCB and workbook
- Unit 1 Human Rights (3 chapters)
- Literary reader
- Chapter 1 As a boy
- Chapter 2 Rajam and Mani
- Grammar
- Chapters 1 to 5
- Letter writing formal
- **June and July**
- MCB and workbook
- Unit 2Mystery and horror (3chapters)
- Unit 3Race (3chapters)
- Literary reader
- Chapter 3 The last leaf
- Grammar
- Chapters 6 7 8 9
- Essay writing (narrative and descriptive)

- INFORMAL LETTER WRITING
- EXTEMPORE
- I WANT TO BE...
- POSTER MAKING
- INTONATION
- HORROR STORY FORMATION WITH PICTURES
- READER'S THEATRE
- NEWSPAPER ARTICLE
- GROUP TASK ON ELEMENTS OF POETRY
- LEAF PRINTING

- **August and September**
- MCB and workbook
- Unit 4 Humour (2chapters)
- Literary reader
- Chapter 5 Clues on Canvas
- Grammar
- Chapters 10 11 12 13 14 and 16
- Letter writing formal , Essay writing (narrative and descriptive)
- **October and November**
- MCB and workbook
- Unit 5 Sports (2chapters)
- Literary reader
- Chapter 6 Thirst. A story from Spain
- Chapter 7 Words to a grandchild
- Grammar
- Chapters 15 17 18 19
- Notice writing

- PERSUASIVE SPEECH
- EMAIL WRITING
- MAKING A COLLAGE (A4 SIZE)
- EPISTOLARY WRITING
- TASK ON EMOTICONS
- FLASH FICTION WRITING

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- **December and January**
- MCB and workbook
- Unit 6 Science and Conservation (2chapters)
- Literary reader
- Chapter8 The vets miracle
- Chapter 9 Packing for travel
- Grammar
- Chapters 20 21 22 23 25
- Essay writing (Autobiography and Argumentative)
- Notice writing

- CREATING AN ATTRACTIVE ADVERTISEMENT
- INTERVIEW
- FORMAL LETTER WRITING
- WRITING TWEETS

Riteeka Sharma
Subject - Hindi

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