

MAHARAJA AGRASEN MODEL SCHOOL
CD BLOCK, PITAMPURA, DELHI
MONTH WISE SYLLABUS BREAK UP FOR SESSION 2017-18
CLASS-VI
SUBJECT – ENGLISH

TEXTBOOKS:

1. Success with Buzzword- Literature Reader- Orient BlackSwan
2. Success with Buzzword- Main Course Book- Orient BlackSwan
3. Enjoying Grammar- Grammar book- Orient BlackSwan
4. Supplementary reader- Journey to the Centre of the Earth- Orient BlackSwan

OBJECTIVES:

- The overall aims of teaching English Communicative are:
 - a) To enable the learner to communicate effectively and appropriately in real life situations.
 - b) To use English effectively for study for study purposes across the curriculum.
 - c) To develop and integrate the use of four language skill i.e- listening, speaking, reading and writing.
 - d) To develop interest in and appreciation of literature.
 - e) To revise and reinforce structures already learnt.
 - f) To express ideas in clear and grammatically correct English, using appropriate punctuation and cohesion devices.
 - g) To enable the students to understand, interpret , evaluate and respond to the following features in a literary text :
 - i. Character as revealed through appearance, background, actions, expressions, etc.
 - ii. Plot/ story/ theme, emerging through main events.
 - iii. Setting, as seen through time and place.
 - iv. Form.
 - h) To include a novel/ long reading text to encourage class room interaction, reduce teacher's talking time, class discussion, etc.

OBJECTIVES OF ASSESSMENT FOR LISTENING SKILL

Enabling learners to :

- a) Understand a range of genres and contexts of spoken English including academic, personal and social aspect.
- b) Understand detailed information for a purpose.
- c) Understand and interpret a range of features of the given context.
- d) Understand the topic and the main points and also distinguish the main points from the details.

OBJECTIVES OF ASSESSMENT FOR SPEAKING SKILL.

Enabling the learners to:

- a) Express and respond to personal feelings and opinions.
- b) Present oral reports or summarize; narrate incidents or events.
- c) Present, adopt different strategies to convey ideas according to purpose, topic and audience, and to frame questions so as to elicit desired response.
- d) Take part in group discussions, summaries ideas, elicit views of others, express and argue a point of view clearly.
- e) Participate in spontaneous spoken course.

MONTHWISE SYLLABUS BREAKUP

APRIL

- Lesson 2 – As I was Walking (Poem-Literature)
- Lesson 7- Little Girls are Wiser (Literature)
- Parts of a Predicate, Conjunctions (Grammar)
- Informal Letter, Poster (Writing)
- Unit 1- Adventure (M.C.B)
- Monthly Activity- Poem Recitation

MAY

- Lesson 1- Ju's Story (Literature)
- Lesson 8- I Asked the Little Boy Who Cannot See (Literature)
- Supplementary Reader (Ch-1 to 4)
- Monthly Activity- Poster Making

JULY

- Lesson 5- The Ransom of Red Chief (Literature)
- Essay Writing (Descriptive)(Writing)
- Modal Auxiliaries(Grammar)
- Unit 2- History (M.C.B)
- Supplementary Reader (Ch-5 to 8)
- Monthly Activity- JAM Session

AUGUST

- Notice Writing (Writing)
- Active and Passive Voice
- Simple and Continuous Tenses (Grammar)
- Unit 3- Animals (M.C.B)
- Supplementary Reader(Ch-9 to 12)
- Monthly Activity- Spellathon

SEPTEMBER

- Revisions for Mid Term Examination
- Lesson 13- The Story of a Great Story (Literature)
- Supplementary Reader(Ch- 13 to 15)

OCTOBER

- Lesson 10- I Wish (Poem-Literature)
- Creating an Advertisement(Writing)
- Kinds of Adjectives, Comparison of Adjectives (Grammar)
- Direct and Indirect Speech (Grammar)
- Unit 4- The Arts (M.C.B)
- Supplementary Reader(Ch-16 & 17)
- Monthly Activity – Newsroom Activity

NOVEMBER

- Application Writing (Writing)
- Supplementary Reader(Ch-18 & 19)

- Monthly Activity- Play Enactment
- Lesson 3- Of Mice and Boys
- Unit 5-MCB

DECEMBER

- Lesson 14- David and Goliath(Literature)
- Lesson 12- Leisure (Poem-Literature)
- Perfect and Perfect Continuous Tenses
- Determiners (Grammar)
- Diary Entry (Writing)
- Unit 6 – Celebrations (M.C.B)
- Supplementary Reader(Ch-20 to 23)
- Monthly Activity – Slogan Writing

JANUARY

- Lesson 9 – Adventure in the Skies (Literature)
- Prepositions(Grammar)
- Writing a simple report(Writing)
- Unit 7- News (M.C.B)
- Monthly Activity- Character Description – Journey to the Centre of the Earth
- Supplementary Reader(Ch-24 to 27)

FEBRUARY

- Unit 8- Water (M.C.B)
- Supplementary Reader (Ch-28 to 30)
- Monthly Activity: Listening Activity
- Revisions for SA-II

EXAM-WISE SYLLABUS BREAK-UP

PERIODIC TEST 1

Literature: L-7 Little Girls Are Wiser, L-2 As I was Walking
 Grammar: Parts of a Predicate, Conjunctions
 Writing: Designing a Poster and Informal Letter
 Reading: Unseen Passage and Poem

MID TERM EXAMINATION

Literature: L-7 Little Girls Are Wiser, L-2 As I was Walking, L-1- Ju's Story, L-4 The Ransom of Red Chief, L-8 I Asked The Little Boy Who Cannot See
 Grammar: Parts of a Predicate, Conjunctions, Modal Auxiliaries, Active and Passive Voice, Simple and Continuous Tenses
 Writing: Designing a Poster, Informal Letter, Essay Writing (Descriptive), Notice Writing
 Reading: Unseen Passage and Poem
 Supplementary Reader- Chapter 1-12

PERIODIC TEST II

Literature: L-13 The Story of a Great Story, L-10 I Wish
 Grammar: Kinds of Adjectives, Comparison of Adjectives, Direct and Indirect Speech
 Writing: Creating an Advertisement, Application Writing
 Reading: Unseen Passage and Poem

ANNUAL EXAMINATION

Literature :: L-7 Little Girls Are Wiser, L-13 The Story of a Great Story, L-10 I Wish, L-3 Of Mice and Boys,

L-9 Adventure in the Skies, L-14 David and Goliath, L-12 Leisure

Grammar: Kinds of Adjectives, Comparison of Adjectives, Direct and Indirect Speech, Prepositions, Determiners, Tenses

Writing: Creating an Advertisement, Application Writing, Diary Entry, Report Writing

Reading: Unseen Passage and Poem

Supplementary Reader- Chapter 13-30

विषय - हिन्दी

पाठ्यपुस्तक - वसंत - NCERT
बाल रामकथा - NCERT
व्याकरण पुष्प - ब्लूप्रिंट एजुकेशन

शिक्षण उद्देश्य -

- मातृभाषा के ज्ञान द्वारा छात्रों को स्वतंत्र और मौखिक रूप से अपने विचारों को अभिव्यक्त करने के योग्य बनाना।
- छात्रों के शब्द कोष का विकास करना।
- विभिन्न विधाओं द्वारा कल्पनाशीलता, सृजनात्मक शक्ति का विकास करना।
- संचार के विभिन्न माध्यमों प्रिंट और इलेक्ट्रॉनिक में प्रयुक्त हिन्दी के विभिन्न रूपों को समझने की योग्यता का विकास करना।
- हिन्दी के साहित्य, अखबार व पत्रिकाओं को पढ़कर समझ पाना और उसका आनंद उठाने के योग्य बनाना।

महीना	पाठ्य पुस्तक	व्याकरण	
अप्रैल तथा मई	वसंत	पाठ-1 वह चिड़िया जो	पाठ-1 भाषा, व्याकरण, बोली और लिपि
		पाठ-2 बचपन	पाठ-2 वर्ण विचार
		पाठ-3 नादान दोस्त	पाठ-4 शब्द विचार
	बाल राम कथा	पाठ-1, 2	पर्यायवाची शब्द, विलोम शब्द, श्रुतिसम भिन्नार्थक, अनेक शब्दों के लिए एक शब्द, मुहावरे, लोकोक्तियाँ, अनौपचारिक पत्र, अनुच्छेद, अपठित गद्यांश

महीना	पाठ्य पुस्तक	व्याकरण	
जुलाई	वसंत	पाठ-4 चाँद से थोड़ी सी गप्पें	पाठ-3 संधि
		पाठ-5 अक्षरों का महत्त्व	पाठ-10 उपसर्ग
			पाठ-11 प्रत्यय
	बाल राम कथा	पाठ-3,4	पर्यायवाची शब्द, विलोम शब्द, श्रुतिसम भिन्नार्थक, अनेक शब्दों के लिए एक शब्द, मुहावरे, लोकोक्तियाँ, अनौपचारिक पत्र, अनुच्छेद, अपठित गद्यांश
रचनात्मक अभिव्यक्ति - परियोजना कार्य			

अगस्त	वसंत	पाठ-7 साथी हाथ बढाना	पाठ-13 संज्ञा पाठ-14 लिंग
	बाल राम कथा	पाठ-5, 6	पाठ-15 वचन पाठ-16 कारक
			अनौपचारिक पत्र, अनुच्छेद
	सितम्बर	पुनरावृत्ति तथा अर्द्धवार्षिक परीक्षा	

महीना	पाठ्य पुस्तक		व्याकरण	
सितम्बर तथा अक्टूबर	वसंत	पाठ-9 टिकट अलबम पाठ-13 में सबसे छोटी होऊँ	औपचारिक पत्र, अनुच्छेद, अपठित गद्यांश	
	बाल राम कथा	पाठ-7, 8		
	रचनात्मक अभिव्यक्ति - कविता वाचन			
नवम्बर	बाल राम कथा	पाठ-9, 10	पाठ-17 सर्वनाम पाठ-18 विशेषण पर्यायवाची शब्द, विलोम शब्द, श्रुतिसम भिन्नार्थक, अनेक शब्दों के लिए एक शब्द, मुहावरे, लोकोक्तियाँ, औपचारिक पत्र, अनुच्छेद, अपठित गद्यांश	
दिसम्बर	वसंत	पाठ-14 लोकगीत	पाठ-19 क्रिया	
		पाठ-12 संसार एक पुस्तक है	पाठ-20 काल	
		पाठ-15 नौकर	पाठ-22 अविकारी शब्द	
				पाठ-23 वाक्य पाठ-24 वर्तनी एवं वाक्य रचना की सामान्य अशुद्धियाँ पर्यायवाची शब्द, विलोम शब्द, श्रुतिसम भिन्नार्थक, अनेक शब्दों के लिए एक शब्द, मुहावरे, लोकोक्तियाँ, औपचारिक पत्र, अनुच्छेद, अपठित गद्यांश
		रचनात्मक अभिव्यक्ति - कहानी वाचन		

महीना	पाठ्य पुस्तक		व्याकरण
जनवरी	वसंत	पाठ-16 वन के मार्ग में	औपचारिक पत्र, अनुच्छेद
फरवरी	वसंत	पाठ-17 साँस-साँस में बाँस	पाठ-23 वाक्य
			पाठ-24 वर्तनी एवं वाक्य रचना की सामान्य अशुद्धियाँ
	बाल राम कथा	पाठ-11, 12	पाठ-25 विराम चिह्न औपचारिक पत्र, अनुच्छेद
मार्च	पुनरावृत्ति तथा वार्षिक परीक्षा		

परीक्षा	पाठ्यक्रम	
सामयिक परीक्षा - I	वसंत	पाठ 1 और 2
	व्याकरण	पाठ 1 और 2
		पर्यायवाची शब्द - 1 से 13
		विलोम शब्द - 1 से 15
		अनेकार्थी शब्द - 1 से 8
		समश्रुत-भिन्नार्थक शब्द - 1 से 8
		वाक्यांश के लिए एक शब्द - 1 से 13
		मुहावरे - 1 से 12
		लोकोक्तियाँ - 1 से 5
		अनौपचारिक पत्र, अनुच्छेद, अपठित गद्यांश
अर्द्धवार्षिक परीक्षा	वसंत	पाठ 1 से 5 और 7
	बाल रामकथा	पाठ 1 से 6
	व्याकरण	पाठ 1 से 16
		पर्यायवाची शब्द - 14 से 26
		विलोम शब्द - 16 से 30
		अनेकार्थी शब्द - 9 से 16
		समश्रुत-भिन्नार्थक शब्द - 9 से 16
		वाक्यांश के लिए एक शब्द - 14 से 26
		मुहावरे - 13 से 25
		लोकोक्तियाँ - 6 से 10
अनौपचारिक पत्र, अनुच्छेद, अपठित गद्यांश, चित्र वर्णन		

परीक्षा	पाठ्यक्रम	
सामयिक परीक्षा - II	वसंत	पाठ 9, 13
	बाल रामकथा	पाठ 7 और 8
	व्याकरण	पाठ 17 और 18
		पर्यायवाची शब्द - 27 से 40
		विलोम शब्द - 31 से 45
		अनेकार्थी शब्द - 17 से 24
		समश्रुत-भिन्नार्थक शब्द - 17 से 24
		वाक्यांश के लिए एक शब्द - 27 से 40
		अन्य मुहावरे - 1 से 10
		लोकोक्तियाँ - 11 से 15
औपचारिक पत्र, अनुच्छेद, अपठित गद्यांश		
वार्षिक परीक्षा	वसंत	पाठ 7, 9, 12, 13, 14, 15, 16, 17
	बाल रामकथा	पाठ 7 से 12
	व्याकरण	पाठ 16 से 25
		वर्ण - विचार
		पर्यायवाची शब्द - 41 से 54
		विलोम शब्द - 46 से 60
		अनेकार्थी शब्द - 25 से 32
		समश्रुत-भिन्नार्थक शब्द - 25 से 32
		वाक्यांश के लिए एक शब्द - 41 से 52
		अन्य मुहावरे - 11 से 20
लोकोक्तियाँ - 16 से 20		
औपचारिक पत्र, अनुच्छेद, अपठित गद्यांश, चित्र वर्णन, विज्ञापन लेखन		

विषय - संस्कृत

पाठ्यपुस्तक - नव रुचिरा भाग - 1 (Blue Orchid Publisher)

शिक्षण उद्देश्य -

- छात्रों को संस्कृत पठन, वाचन तथा विचारों की अभिव्यक्ति के लिए प्रेरित करना।
- विश्वबन्धुत्व की भावना को जागृत करना।
- श्लोकोच्चारण करना सिखाना।
- भारतीय संस्कृति से अवगत कराना।
- संस्कृत भाषा के महत्त्व का ज्ञान कराना।

महीना	पाठ्य पुस्तक		व्याकरण
अप्रैल	पाठ-1	संस्कृत वर्णमाला	शब्दरूप - बालक, फल
	पाठ-2	शब्दानाम् प्रयोगः	धातुरूप - पठ्, गम्, लिख्, भू, दा, अस् (लट् लकार)
			संख्या - 1 से 10 तक
			अपठित अवबोधनम्, चित्र वर्णनम्
मई	पाठ-3	धातु प्रयोगः	शब्दरूप - लता
	पाठ-4	प्रथमः पुरुषः	संख्या - 11 से 25 तक
जुलाई	पाठ-5	मध्यमः पुरुषः	धातुरूप - पठ्, गम्, लिख्, भू, दा, अस् (लृट् लकार)
	पाठ-6	उत्तमः पुरुषः	चित्र वर्णनम्, प्रत्यय - क्त्वा, फलानाम् नामानि
	सामयिक परीक्षा - I विषय संवर्धनम् - परियोजना कार्यम्		
अगस्त	पाठ-7	भारतरत्न भूषितः ए.पी.जे. अब्दुल कलामः	पत्रलेखनम्
	पाठ-8	पंचचश्लोकाः	
सितम्बर	अर्द्धवार्षिक परीक्षा - I		

महीना	पाठ्य पुस्तक	व्याकरण	
अक्टूबर	पाठ-9	कर्त्ताकारकः प्रथमा विभक्तिः	शब्दरूप - मुनि
	पाठ-10	कर्मकारकः द्वितीया विभक्तिः	धातुरूप - पठ्, गम्, लिख्, भू, दा, अस् (लङ् लकार)
			संख्या - 26 से 35 तक
			अपठित अवबोधनम्
नवम्बर	पाठ-11	करणकारकः तृतीया विभक्तिः	पत्रलेखनम्, चित्रवर्णनम्
	पाठ-12	सम्प्रदानकारकः चतुर्थी विभक्तिः	शब्दरूप - अस्मद्
दिसम्बर	पाठ-13	अपादानकारकः पंचमी विभक्तिः	चित्रवर्णनम्
	पाठ-14	सम्बन्धकारकः षष्ठी विभक्तिः	संख्या - 36 से 50 तक
	सामयिक परीक्षा - II विषय संवर्धनम् - रचनात्मक कार्यम्		
जनवरी	पाठ-15	अधिकरणकारकः सप्तमी विभक्तिः	प्रत्ययः - तुमुन्
			उपपदविभक्तिः - द्वितीया, तृतीया, चतुर्थी, पंचमी
			अपठित - अवबोधनम्
फरवरी	पाठ-16	सम्बोधनकारक अव्ययपदानां प्रयोगः	अंगानाम् नामानि, पत्र लेखनम्, चित्रवर्णनम्
मार्च	वार्षिक परीक्षा		

परीक्षा	पाठ्य पुस्तक		व्याकरण
सामयिक परीक्षा - I	पाठ-1	संस्कृत वर्णमाला	शब्दरूप - बालक, फल
	पाठ-2	शब्दानाम् प्रयोगः	धातुरूप - पठ्, गम्, लिख्, भू (लट् लकार)
	पाठ-3	धातुः प्रयोगः	संख्या - 1 से 10 तक
			अपठित अवबोधनम्, चित्रवर्णनम्
अर्द्धवार्षिक परीक्षा	पाठ-3	धातुः प्रयोगः	
	पाठ-4	प्रथमः पुरुषः	शब्दरूपाणि - बालक, फल, लता
	पाठ-5	मध्यमः पुरुषः	धातुरूपाणि - पठ्, गम्, लिख्, भू, दा, अस् (लट् व लृट् लकार)
	पाठ-6	उत्तमः पुरुषः	संख्या - 1 से 25 तक
	पाठ-7	भारतरत्न भूषितः ए.पी. जे. अब्दुल कलामः	प्रत्यय - क्त्वा
	पाठ-8	पंचचश्लोकाः	फलानाम् नामानि, पत्रलेखनम्, चित्रवर्णनम्, अपठित अवबोधनम्
सामयिक परीक्षा - II	पाठ-9	कर्त्ताकारकः प्रथमा विभक्तिः	शब्दरूप - लता, मुनि
	पाठ-10	कर्मकारकः द्वितीया विभक्तिः	धातुरूप - पठ्, गम्, लिख्, भू (लङ् लकार)
	पाठ-11	करणकारकः तृतीया विभक्तिः	संख्या - 26 से 35 तक
			अपठित अवबोधनम्, पत्रलेखनम्
वार्षिक परीक्षा	पाठ-8	पंचचश्लोकाः	
	पाठ-11	करणकारकः तृतीया विभक्तिः	
	पाठ-12	सम्प्रदानकारकः चतुर्थी विभक्तिः	शब्दरूपाणि - मुनि, अस्मद्, बालक
	पाठ-13	अपादानकारकः पंचमी विभक्तिः	धातुरूपाणि - पठ्, गम्, लिख्, भू, दा, अस् (लट्, लृट् व लङ् लकार)
	पाठ-14	सम्बन्धकारकः षष्ठी विभक्तिः	संख्या - 1 से 50 तक
	पाठ-15	अधिकरणकारकः सप्तमी विभक्तिः	प्रत्यय - तुमुन्
	पाठ-16	सम्बोधनकारक अव्ययपदानां प्रयोगः	उपपदविभक्तिः - द्वितीया, तृतीया, चतुर्थी, पंचमी अंगानाम् नामानि, पत्रलेखनम्, अपठित अवबोधनम्, चित्रवर्णनम्

SUBJECT – GERMAN

OBJECTIVES

- Students learn how to greet, speak and ask simple questions to others.
- They get introduced to German culture.
- Writing small messages or E-Mails.

Textbooks

- Hallo Deutsch1 Kursbuch und Arbeitsbuch.

April

- Modul 1. Lektion 1 – Hallo!
To greet others
To introduce oneself
To enquire about the name and age
To count till 20

May

- Modul 1. Lektion 2 – Das ist meine Familie
To introduce one's family
To elicit information about a person and reproduce the same
To report about a person

July

- Modul 1. Lektion 3 – Hast du Geschwister?
To elicit and give information about the family
To characterize a person
To count from 20 onwards
To elicit and give information about a person's age
To enquire about telephone numbers and give one's own
To interview an adult

August

- Modul 1. Lektion 4 - Wo wohnt ihr?
To ask peers about their domicile and answer questions about the same
To localize a city in a country

September

- Revision for Midterm examination

October

- Modul 2. Lektion 1 – Das Haus von Familie Weigel
To name the rooms in a house
Enquire about the rooms and describe the same
Ask about objects in a house and answer the question

November

- Modul 2. Lektion 2 – Ein Besuch
To ask about the wellbeing of a person and answer the questions about the same
To offer something to guests – acceptance or refusal
To express a wish or preference

December

- Modul 2. Lektion 3 – Mautzi, unsere Katze
To question one's friends about their pets and respond to their questions
To talk about food preferences of one's pets

January

- Modul 2. Lektion 4 – Die Nachbarn von Familie Weigel
To ask about one's place of origin and answer the questions about the same
To ask about knowledge of foreign languages and answer the questions about the same
To say, which language is spoken in a particular country

February

- Revision

March

- Examination

EXAM WISE SYLLABUS BREAK UP

PERIODIC TEST 1

Modul 1. Lektion 1 – Hallo!

Modul 1. Lektion 2 – Das ist meine Familie

MIDTERM EXAMINATION

Modul 1. Lektion 1 – Hallo!

Modul 1. Lektion 2 – Das ist meine Familie

Modul 1. Lektion 4 - Wo wohnt ihr?

Modul 1. Lektion 3 – Hast du Geschwister?

PERIODIC TEST 2

Modul 2. Lektion 1 – Das Haus von Familie Weigel

Modul 2. Lektion 2 – EinBesuch

ANNUAL EXAMINATION

Modul 2. Lektion 1 – Das Haus von Familie Weigel

Modul 2. Lektion 2 – EinBesuch

Modul 2. Lektion 3 – Mautzi, unsereKatze

Modul 2. Lektion 4 – Die Nachbarn von Familie Weigel

SUBJECT- MATHEMATICS

OBJECTIVES:

The broad objectives of teaching mathematics are to help the learners to:

- appreciate the beauty of mathematics
- consolidate the Mathematical knowledge and skills acquired at the primary stage;
- acquire knowledge and understanding, particularly by way of motivation and visualization, of basic concepts, terms, principles and symbols and underlying processes and skills;
- develop mastery of basic algebraic skills;
- develop drawing skills;
- feel the flow of reason while proving a result or solving a problem;
- apply the knowledge and skills acquired to solve problems and wherever possible, by more than one method;
- develop awareness of the need for national integration, protection of environment, observance of small family norms, removal of social barriers, elimination of gender biases;
- develop interest in mathematics as a problem-solving tool in various fields for its beautiful structures and patterns, etc.
- develop reverence and respect towards great Mathematicians for their contributions to the field of Mathematics;
- develop interest in the subject by participating in related competitions;
- acquaint students with different aspects of mathematics used in daily life;
- develop an interest in students to study mathematics as a discipline.

TEXT BOOKS:

1. NCERT Mathematics textbook for class VI

REFERENCE BOOKS:

1. Chapter-wise assignments.
2. Xam Idea

APRIL

UNIT 1: KNOWING OUR NUMBERS

- Comparing numbers
- Arranging numbers in ascending and descending order

- Forming numbers by shifting digits
- Forming greatest and smallest numbers
- Large numbers , Place value and expanded form
- Indian and International numeration system
- Numbers in length, weight and capacity
- Four operations
- Estimation
- Estimating sum and differences
- Brackets
- Roman numerals

UNIT 2: WHOLE NUMBERS

- Natural numbers
- Zero
- Successor and predecessor of natural numbers
- Whole numbers
- Number line
- Operations on the number line
- Properties of whole numbers
- Patterns in whole numbers

MAY

UNIT 9: DATA HANDLING

- Collection of data
- Organization of data
- Pictograph
- Construction of pictographs
- Bar graph
- Interpretation of bar graphs
- Construction of bar graphs

JULY

UNIT 3: PLAYING WITH NUMBERS

- Factors
- Multiples
- Even and odd numbers
- Prime and composite numbers
- Tests of divisibility
- Prime factorization
- Common factors
- Highest Common Factor (HCF)
- Methods of finding the HCF
- Common multiples
- Lowest Common Multiple (LCM)
- Methods of finding the LCM

UNIT 4: BASIC GEOMETRICAL IDEAS

- Point, line segment, line and plane
- Intersecting and parallel lines
- Collinear and non-collinear points
- Concurrent lines
- Intersecting and parallel planes

- Ray
- Distinction between line segment, line and ray
- Curves
- Polygons
- Angles
- Triangles
- Quadrilaterals
- Circles

PERIODIC TEST 1 (UNIT-1 KNOWING OUR NUMBERS , UNIT -2 WHOLE NUMBERS)

AUGUST

UNIT 6: INTEGERS

- Integers
- Absolute value of an integer
- Comparing integers on a number line
- Addition of integers
- Properties of addition of integers
- Subtraction of integers'
- Properties of subtraction of integers

UNIT 7: FRACTIONS

- Fractions
- Fractions and division
- Proper fractions
- Improper and mixed fractions
- Fractions on a number line
- Equivalent fractions
- Simplifying fractions to the lowest terms
- Like and unlike fractions
- Comparing fractions
- Addition and subtraction of fractions
- Multiplication of a fraction by a whole number
- Division of a fraction by a natural number

SEPTEMBER

REVISION OF MID TERM EXAMINATION (UNIT -1, 2, 3, 4, 6, 7, 9)

OCTOBER

UNIT 8: DECIMALS

- Tenths, hundredths and thousandths
- Expansion of decimals
- Conversion between decimals and fractions
- Decimals on a number line
- Like and unlike decimals
- Use of decimals in expressing money, length, weight and capacity
- Addition of decimals
- Subtraction of decimals

UNIT 5: UNDERSTANDING ELEMENTARY SHAPES

- Measuring and Comparing line segments
- Magnitude of an angle

- Comparison of angles
- Degree measures of angles
- Kinds of angles
- Measuring an angle
- Perpendicular lines
- Classification of triangles
- Types of quadrilaterals
- Types of polygons
- Three dimensional shapes
- Nets of some three dimensional shapes

NOVEMBER

UNIT 13: SYMMETRY

- Making symmetric figures by ink blots
- Making symmetric figures by folding and cutting paper
- Figures with more than one line of symmetry
- Reflection and symmetry

UNIT 12: RATIO AND PROPORTION

- Ratio
- Simplest form of a ratio
- Equivalent ratios

PERIODIC TEST 2 (UNIT- 5 UNDERSTANDING ELEMENTARY SHAPES, UNIT – 8 DECIMALS)

DECEMBER

UNIT 12: RATIO AND PROPORTION (Contd.)

- Comparing Ratios
- Dividing a whole number in the given ratio
- Proportion
- Unitary method

UNIT 11: ALGEBRA

- Identifying patterns
- Variables and Constants
- Algebra as generalization
- Algebraic expression
- Introducing equations
- Solution of an equation

JANUARY

UNIT 14: PRACTICAL GEOMETRY

- Circle
- Line segment
- Perpendiculars
- Perpendicular bisectors
- Angles
- Angle bisector

FEBRUARY

UNIT 10: MENSURATION

- Perimeter
- Area
- Measurement of area and perimeter using formulae

REVISION OF ANNUAL EXAMINATION (UNIT- 8, 5, 6, 10, 11, 12, 14)**MARCH****REVISION (UNIT- 8, 5, 6, 10, 11, 12, 14)****ANNUAL EXAMINATION (UNIT-8, 5, 10, 11, 12, 14, 6)****EXAM WISE SYLLABUS BREAKUP****PERIODIC TEST 1**

Unit 1: Knowing our numbers

Unit 2: Whole numbers

MID TERM EXAMINATION:

Unit 1: Knowing our numbers

Unit 2: Whole numbers

Unit 3: Playing with numbers

Unit 4: Basic Geometrical Ideas

Unit 6: Integers

Unit 7: Fractions

Unit 9: Data Handling

PERIODIC TEST 2

Unit 8: Decimals

Unit 5: Understanding Elementary Shapes

ANNUAL EXAMINATION

Unit 5: Understanding Elementary Shapes

Unit 6: Integers

Unit 8: Decimals

Unit 10: Mensuration

Unit 11: Algebra

Unit 12: Ratio and Proportion

Unit 13: Symmetry

Unit 14: Practical Geometry

SUBJECT-SCIENCE

SUBJECT-SCIENCE

Science is a body of knowledge based on experiment, observation and inference, which is judgment based on evidence. Through science teaching, children are required to develop certain scientific ways of thinking as they work.

The subject of science plays an important role in developing well-defined abilities in cognitive, affective and psychomotor domains in children. It augments the spirit of enquiry, creativity, objectivity and aesthetic sensibility.

OBJECTIVES

Science teaching aims to realize the following general objectives. It enables the learners to

- know the facts and principles of science and its applications, consistent with the stage of cognitive development
- acquire the skills and understand the methods and processes that lead to generation and validation of scientific knowledge.
- develop intellectual and practical scientific skills.
- motivate to apply basic scientific principles in all sciences.
- acquire knowledge about health, environment and safety practices and behave accordingly.
- realize that some natural resources can be depleted and make them aware of the role of science in sustaining these resources.
- use scientific knowledge and skills in novel situations especially in everyday life.
- emphasize the role of scientists in the advancement of human kind.
- develop scientific curiosity and orientation toward scientific research.
- work independently and cooperatively in solving scientific problems.
- help the students to get acquainted with the impact of science over the environment surrounding them and to develop their interest in the study of science.
- develop scientific attitude among children.
- cultivate the habit of systematic and logical thinking.
- develop the habit and ability of drawing correct inferences out of the available facts and evidences.

TEXTBOOK FOR THE SESSION-2017-18

SCIENCE –TEXTBOOK FOR CLASS- VI-NCERT PUBLICATIONS

APRIL

CHAPTER-1 FOOD: WHERE DOES IT COME FROM?

SUBTOPICS- Food variety, food materials and sources, plant parts and products as food, what do animals eat?

CHAPTER-2 COMPONENTS OF FOOD

SUBTOPICS- What do different food items contain? What do various nutrients do for our body? Balanced diet, deficiency diseases

CHAPTER-4 SORTING MATERIALS INTO GROUPS

SUBTOPICS- Objects around us, Properties of materials-appearance, hardness, soluble or insoluble, objects may float or sink, transparency

MAY

CHAPTER-8 BODY MOVEMENTS

SUBTOPICS- Human body and its movements, types of joints-ball and socket joint, pivotal joint, hinge joint, fixed joints, Gait of animals-earthworms, snail, cockroach, birds, fish, how do snakes move?

PERIODIC TEST 1

CHAPTER-1 FOOD: WHERE DOES IT COME FROM?

CHAPTER -2 COMPONENTS OF FOOD

CHAPTER -4 SORTING MATERIALS INTO GROUPS

JULY

CHAPTER-3 FIBRE TO FABRIC

SUBTOPICS- Variety in fabrics, fibre-natural and synthetic fibre, some plant trees-cotton, jute, spinning cotton yarn, yarn to fabric-weaving, knitting, history of clothing material

CHAPTER-5 SEPARATION OF SUBSTANCES

SUBTOPICS- Methods of separation handpicking, threshing, winnowing, sieving, sedimentation, decantation, filtration, evaporation, use of more than one method of separation, can water dissolve any amount of a substance?

AUGUST

CHAPTER-13 FUN WITH MAGNETS

SUBTOPICS- Magnetic and non-magnetic materials, poles of magnet, finding directions, make your own magnet, attraction and repulsion between magnets

CHAPTER-14 WATER

SUBTOPICS- How much water do we use? Where do we get water from? water cycle, back to the oceans, what if it rains heavily? What happens if it does not rain for a long period? How can we conserve water? Rainwater harvesting

SEPTEMBER

REVISION FOR MID TERM EXAMINATION

CHAPTER -1 FOOD: WHERE DOES IT COME FROM?

CHAPTER -2 COMPONENTS OF FOOD

CHAPTER -3 FIBRE TO FABRIC

CHAPTER -4 SORTING MATERIALS INTO GROUPS

CHAPTER -5 SEPARATION OF SUBSTANCES

CHAPTER -8 BODY MOVEMENTS

CHAPTER -13 FUN WITH MAGNETS

CHAPTER -14 WATER

CHAPTER-10 MOTION and MEASUREMENT OF DISTANCES

SUBTOPICS- Story of transport, some measurements, standard units of measurements, correct measurement of length, measuring length of curved line, types of motion

OCTOBER

CHAPTER-9 THE LIVING ORGANISMS AND THEIR SURROUNDINGS

SUBTOPICS- Organisms and the surroundings where they live, habitat and adaptation, biotic and abiotic components, terrestrial habitat-deserts, mountain, grassland, aquatic habitat-oceans, ponds and lakes, characteristics of living beings

NOVEMBER

CHAPTER-7 GETTING TO KNOW PLANTS

SUBTOPICS- Herbs, shrubs and trees, creepers and climbers, stem, leaf-petiole, lamina, root-tap root, fibrous root, lateral root, structure of flower

CHAPTER-6 CHANGES AROUND US

SUBTOPICS- Different types of changes, can all changes always be reversed? Could there be other ways to bring a change?

DECEMBER

CHAPTER-11 LIGHT, SHADOWS AND REFLECTIONS

SUBTOPICS- Luminous and non-luminous objects, transparent, opaque and translucent objects, what exactly are shadows? Pinhole camera, mirrors and reflections

CHAPTER-12 ELECTRICITY AND CIRCUITS

SUBTOPICS- Electric cell, torch bulb, bulb connected to an electric cell, an electric circuit, electric switch, conductors and insulators

JANUARY

CHAPTER-15 AIR AROUND US

SUBTOPICS- Is air around us? What is air made up of? How oxygen becomes available to animals and plants living in water and soil? How is the oxygen in the atmosphere replaced?

FEBRUARY

CHAPTER-16 GARBAGE IN, GARBAGE OUT

SUBTOPICS- Dealing with garbage, vermicomposting, think and throw, recycling of paper, plastics-boon or a curse

REVISION FOR ANNUAL EXAMINATION

CHAPTER -5 SEPARATION OF SUBSTANCES

CHAPTER - 6 CHANGES AROUND US

CHAPTER - 7 GETTING TO KNOW PLANTS

CHAPTER -9 THE LIVING ORGANISMS AND THEIR SURROUNDINGS

CHAPTER -10 MOTION AND MEASUREMENT OF DISTANCES

CHAPTER - 11 LIGHT, SHADOWS AND REFLECTIONS

CHAPTER -12 ELECTRICITY AND CIRCUITS

CHAPTER -15 AIR AROUND US

CHAPTER -16 GARBAGE IN, GARBAGE OUT

MARCH

ANNUAL EXAMINATION

EXAM WISE SYLLABUS BREAK UP

PERIODIC TEST 1

CHAPTER-1 FOOD: WHERE DOES IT COME FROM?

CHAPTER -2 COMPONENTS OF FOOD

CHAPTER -4 SORTING MATERIALS INTO GROUPS

MID TERM EXAMINATION

CHAPTER -1 FOOD: WHERE DOES IT COME FROM?

CHAPTER -2 COMPONENTS OF FOOD

CHAPTER -3 FIBRE TO FABRIC

CHAPTER -4 SORTING MATERIALS INTO GROUPS

CHAPTER -5 SEPARATION OF SUBSTANCES

CHAPTER -8 BODY MOVEMENTS

CHAPTER -13 FUN WITH MAGNETS

CHAPTER -14 WATER

PERIODIC TEST 2

CHAPTER -9 LIVING ORGANISMS AND THEIR SURROUNDINGS

CHAPTER -10 MOTION and MEASUREMENT OF DISTANCES

ANNUAL EXAMINATION

CHAPTER -5 SEPARATION OF SUBSTANCES

CHAPTER - 6 CHANGES AROUND US

CHAPTER - 7 GETTING TO KNOW PLANTS

CHAPTER -9 LIVING ORGANISMS AND THEIR SURROUNDINGS

CHAPTER -10 MOTION AND MEASUREMENT OF DISTANCES

CHAPTER - 11 LIGHT, SHADOWS AND REFLECTIONS

CHAPTER -12 ELECTRICITY AND CIRCUITS

CHAPTER -15 AIR AROUND US

CHAPTER -16 GARBAGE IN, GARBAGE OUT

**SUBJECT-SOCIAL SCIENCE
MONTH-WISE SYLLABUS BREAK-UP**

General Objectives:

1. To make the learners understand about self, locality, region and nation in an interconnected manner.
2. To help them understand the interrelated developments in different periods of time and the contemporary issues taking place in different parts of the world.
3. To make them appreciate the diversity in different spheres in the world.
4. To sensitise them about the significance of history in understanding the process and stages involved in the evolution of present day world. Also, to familiarise them with the sources used to reconstruct history.
5. To introduce them to the basic concepts needed to understand the world in which they live and interdependence of various realms and regions of the earth.
6. To develop scientific reasoning and creative skills to understand and analyse different situations. Also, to make them aware about the gender concerns, human values, human rights and social and political aspects of changes.
7. To help the learners to correlate past with present and to create self awareness and team spirit for their overall development.
8. To let them understand the Earth as a unique planet that provides ideal living conditions and make them understand the influence of land, climate, vegetation and wildlife on human life with the need to conserve them.
9. To help them comprehend the functioning of Indian Democracy, its key elements with emphasis on the governance at the local level.
10. To let them understand the society from different angles and form a holistic view.
11. To help them to become good citizens who respect our Constitution, diversity, interdependence and act in a manner to strengthen the unity of the country.

TEXTBOOKS FOR THE SESSION- 2017-18

Textbook: NCERT

- History : Our Past Part I
- Civics : Social and Political Life -I
- Geography : The Earth-Our Habitat

Months	History	Civics	Geography
April	Lesson1 What, where, how and when	L1Understanding Diversity	L1The Earth in the Solar System
May	L2On the trail of the earliest people	L2Diversity and discrimination	
July	L3From gathering to growing food L4In the earliest cities	L3What is Government?	L2 Globe: Latitudes and Longitudes
August	L5 What books and burials tell us	L4Key elements of a democratic government	L3Motions of the earth

September	L6Kingdoms, Kings and early Republic	L5Panchayati Raj	L4Maps
October	L7New questions and ideas	L6Rural administration	L5Major domains of the earth
November	L8Ashoka, the emperor who gave up war	L7Urban administration	L6Major landforms of the earth
December	L9Vital villages, thriving towns L10Traders, Kings and pilgrims	L8Rural Livelihood	L7Our country-India
January	L11New empires and kingdoms		
February	L12Buildings, paintings and books	L9Urban Livelihood	L8India: climate, vegetation and wildlife
March	Revision	Revision	Revision

EXAM-WISE SYLLABUS BREAK-UP

Periodic Test-I

History: Lessons 1 to 4
Civics: Lessons 1 and 2
Geography: Lessons 1 and 2

Mid Term Examination

History: Lessons 1 to 6
Civics: Lessons 1 to 5
Geography: Lessons 1 to 4

Periodic Test-II

History: Lessons 7 to 8
Civics: Lessons 6 and 7
Geography: Lessons 5 and 6

Annual Examination

History: Lessons 6 to 12
Civics: Lessons 5 to 9
Geography: Lessons 4 to 8

SUBJECT- COMPUTER SCIENCE

Objective: It will focus on knowledge and skills to develop scientific attitude, use and application of such knowledge and skills to improve the quality of life and further use this learning to analyze, evaluate, synthesize, create, invent and discover.

Text Book: IT Planet My Bits & Bytes Windows 8.1 & Office 2013 **6**

Author: Mr. Harsh Arora and Mr. Davinder Singh Minhas

Publisher: PMP Publishers Pvt Ltd.

Reference Book: NA

APRIL

Lesson1: Fundamentals of Computer

Subtopics:

- About Computer
- What is a Computer?
- Benefits Of Using A Computer
- How does a Computer Work?
- Input Devices
- Output Devices
- Storage Devices
- Processing Device

Lesson 4: More on MS Word

Subtopics:

- Microsoft Word
- Starting MS-Word
- The Word Window
- Creating a New Document
- Entering Text
- Selecting text
- Saving a Document in Word 97-2003 Format
- Saving a Document in PDF or XPS Format
- Views of Document
- Zoom In or Out
- Reopen an Unsaved Document
- Customizing Status Bar
- Customizing Quick Access Toolbar
- Adding Keyboard Shortcut

Practical: Creating documents.

MAY

Lesson 4: More on MS Word

Subtopics:

- Protecting your Document
- Track Changes
- Adding Comments in Your Document
- Working with Maths Equations
- Recording and Running a Macro
- Using Mail merge

Practical: Creating invitation letter using mail merge feature.

JULY

REVISION for Periodic Test 1

Periodic Test 1(Date: July, 2017)

Lesson 2: Computer Memory

Subtopics:

- Computer Memory
- Types of Memory
- Cache Memory

Lesson5: Starting with QBasic

Subtopics:

- Introduction
- QBASIC
- Elements of QBASIC
- Creating and Saving a Program
- Commands in QBASIC

PRACTICAL: QBASIC Programs

AUGUST

Lesson 9: Internet and Search Engine

Subtopics:

- Internet
- Uses of Internet
- Searching Information on Internet
- Popular Search Engine
- Search using Google
- Searching the Web through Browser

PRACTICAL: Searching information using search engine

PRACTICAL Exam of QBASIC

SEPTEMBER

REVISION for Mid Term Examination

Lesson 2: Computer Memory
Lesson 5: Starting with QBasic
Lesson 9: Internet and Search Engine

Mid Term Examination (Date: Sep, 2017)

OCTOBER

Lesson 6: Introduction to MS Excel

Subtopics:

- Microsoft Excel
- Starting Excel 2013
- The Excel Window
- Changing the Active Cell
- Entering Data
- Saving a Workbook
- Selecting Cells
- Editing Data in the Worksheet
- Deleting Data
- Undoing Data
- Moving and Copying Data
- Changing Column Width
- Changing Row Height
- Inserting a Row and a Column
- Deleting Row and Column
- Inserting and Deleting cells
- Adding a Worksheet
- Switching between a Worksheet
- Renaming a Worksheet
- Coloring a Worksheet Tab
- Deleting, Moving & Copying a Worksheet

PRACTICAL: Lab activity given in the book page no:86

NOVEMBER

Lesson 7: Formatting Worksheet in MS Excel

Subtopics:

- Formatting
- Changing the font and font size of Data
- Bold, Italic and Underline Data
- Changing the alignment of data
- Centering data across columns
- Changing the color of cell
- Changing the color of data
- Adding Border
- Changing number formats
- Increasing or decreasing decimals
- Applying workbook themes
- Adding Conditional Formatting
- Formatting with style

PRACTICAL: Creating and Designing the Worksheets

DECEMBER

REVISION for Periodic Test 2

PeriodicTest2(Date: Dec, 2017)

Lesson 8: Formula and Function in MS-Excel

Subtopics:

- Formula and Function
- Creating a Formula

- Entering a Formula
- Editing a Formula
- Copying a Formula
- Displaying a Formula
- Functions
- Entering a Function
- Performing common calculations
- Quick Adding Numbers

PRACTICAL: Creating worksheet, entering and calculating the formula

JANUARY

Lesson 10: Introduction to E-Mail

Subtopics:

- E-mail
- Times before E-mail messages
- Advantages of E-mail
- E-mail vs. Ordinary Post
- E-mail Programs
- E-mail Account
- E-mail Address
- How an E-mail Travels?
- How Computers Exchange Information?
- Parts of E-mail message
- Features of E-mail program
- Receiving, sending an E-mail message
- Common E-mail Terms
- Creating an E-mail account in GMAIL
- E-mail Etiquettes

Practical: Creating E-Mail account in Gmail

Practical Exam of MS-Excel

FEBRUARY

Lesson 3: Digital Storage

Subtopics:

- Storage
- Hard Disk
- Characteristics of Hard Disk
- Working of Hard Disk
- Hard Disk Interface
- External Hard Drive
- Miniature Hard Disks
- Cloud Storage
- Different types of Cloud
- Advantages of Cloud Storage
- Functions of Cloud Storage
- Copying a File on a Cloud
- Service Providers
- Consideration While Choosing Service Provider

PRACTICAL: Demonstration of Cloud Storage

Revision for Annual Examination

Lesson 3: Digital Storage
Lesson 8: Formulae and Function in MS-Excel
Lesson 10: Introduction to E-Mail

Annual Examination (Date: Mar, 2018)

TERM WISE SYLLABUS

PT1	Lesson 1: Fundamentals of Computer Lesson 4: More on MS Word
MID TERM EXAMINATION	Lesson 2: Computer Memory Lesson 5: Starting with QBasic Lesson 9: Internet and Search Engine
PT2	Lesson 6: Introduction to MS Excel Lesson 7: Formatting Worksheet in MS Excel
ANNUAL EXAMINATION	Lesson 3: Digital Storage Lesson 8: Formulae and Function in MS-Excel Lesson 10: Introduction to E-Mail