

ACADEMIC PLAN 2016-17

Class-V

“Education is a social process. Education is growth. Education is not a preparation for life; Education is life itself.”

John Dewey

Schools play a major role in ensuring that children

- socialize into a culture of self-reliance, collaboration, resource-fullness, and peace oriented values.
- engage in practices that promote personal, physical as well as mental and cognitive development, and well being
- are equipped with a superior future and develop attitude, skills and values to make rational decisions in relation to it.
- receive education that allows them to explore the wider world, to be empathetic and sensitive to other's needs and environment.
- develop a positive perspective towards life.
- are provided the means and opportunities to enhance their creative expression and the capacity for aesthetic appreciation.

Learning different subjects in school:

- facilitates the learners to have an extensive exposure to all fields of life.
- till secondary level is essential and relevant as it broadens the vision and understanding of a child.

Knowledge is interrelated and integrated as:

- Languages are the basis of all subjects because they develop the competency to read, write and communicate.
- Science encourages responsible action towards environment and stimulates natural curiosity. It also teaches an understanding of natural phenomena and methods of enquiry to foster creative thought.
- Maths promotes logical and critical thinking. It nurtures analytical, quantitative and problem solving skills
- Social Science perspectives and knowledge are indispensable for the growth and progress of the present society base on the experiences of the past
- Visual and Performing Arts develop their aesthetic sensibility.
- Physical and health education contribute to the physical, social, emotional and mental well being of children.

“Four Steps To Achievement: Plan Purposefully, Prepare Prayerfully. Proceed Positively. Pursue Persistently”

William A. Ward

Academic planning is the process of preparing a blueprint in which the arrangement of learning opportunities for a particular grade of learners is created in advance. It has to be scientifically designed for exactness and particularity.

An academic plan ensures-

- building goals for academic success
- a shared vision and understanding and a common language in the school community
- coordination and cohesiveness ensuring quality teaching, learning and assessment programs
- continuity of learning between domains across all grades
- balanced child initiated and teacher initiated activities
- raising awareness about what is being done and why
- building a trail of activities over time to review what has worked well and what has not

An academic plan is equally significant for parents and students as through academic plans

- the students and their families become aware of the critical information at each grade level related to the different content areas.
- helps them in providing tips and suggestions to the school for supporting and enriching students' academic experiences.
- It becomes convenient for the students to plan ahead their academic activities and develop a strong academic foundation in all the subjects.
- assist child to set long term and short goals and manage their time well
- parents can develop in their wards regular study habits to support academic success.

Assessment measures

- the extent to which desired knowledge, skills and attitudes are attained by students.
- it complements the teaching and learning process,
- it also provides formative and summative feedback to teachers, students, schools and parents.

Assessment provides

- feedback to students, allows them to understand their strengths and weaknesses.

- Through assessment, students can monitor their own performance and progress.
- It also points them in the direction they should go to improve further.
- feedback to teachers, enables them to understand the strengths and weaknesses of their students.
- It provides information about students' achievement of learning outcomes as well as the effectiveness of their teaching.
- feedback to schools. The information gathered facilitates the placement of students in the appropriate stream or course, and the promotion of students from one level to the next.
- It also allows the schools to review the effectiveness of their instructional programme.
- feedback to parents, allows them to monitor their children's progress and achievement through the information obtained.

Type of Assessment	Percentage of weightage in academic session	Month	Term wise weightage
First Term			
Formative Assessment-1	10%	April- May	FA1+FA2=20%
Formative Assessment-2	10%	July- August	
Summative Assessment-1	30%	September	SA1=30%
Second Term			
Formative Assessment-3	10%	October-November	FA3+FA4=20%
Formative Assessment-4	10%	January-February	
Summative Assessment-2	30%	March	SA2=30%

- Each formative assessment will include at least two or all of the following:
 - Pen and Paper Test
 - Class assignments
 - Projects
 - Activities
 - Notebook assessment
- The summative assessment of English will comprise written test and ASL

(Assessment of Speaking and Listening)

Note: The format of an activity is subject to change in a bid to create foundation for better experiential learning platform.

English

Learning Objectives:

- To listen to a talk or conversation and understand the topic and main points.
- To present oral reports or summaries; make announcements clearly and confidently.
- To share ideas, viewpoints and reflect an understanding of concepts.
- To read silently at varying speeds depending on the purpose of reading.
- To write a clear description; express ideas in clear and grammatically correct English, using appropriate punctuations.
- To use appropriate grammatical structures in writing and speaking.

Prescribed Text Books: 1. My English Reader
2. English Practice Book

Suggested Reading: 1. Gulmohar Reader Series
2. Oxford Learner's Grammar and Composition -5

Suggested Web links:

<http://www.bbc.co.uk/learningenglish>

www.grammar.cl

LearnEnglish.britishcouncil.org

www.learnhive.net

Term I- April- September		
Month	Content	Activities/Projects
April	My English Reader: Unit 1: Monday Morning Blues Writing Skills: Application Writing, Message Writing Grammar: Nouns- Abstract Nouns, Jumbled Words English Practice Book : Unit-1 Nouns Unit-8 Sentences	Individual: 1. Poem Recitation- Topic 'School Life' 2. Dictation Group: Spell Bee- Vocabulary Enhancement

May	My English Reader: Unit 1: The Tale of a Tail Grammar: Apostrophe, Sentences English Practice Book: Unit -3 Apostrophe Unit-12 Emphasising/Reflexive Pronouns	Individual: Speak a few lines on-'My Favourite Things' Group : 1. Vocabulary Game 2. Multi Disciplinary Project
July	My English Reader: Unit 2: Adventure with Books (Poem) Unit 2: The Boy who Borrowed Writing Skills: Notice Writing Grammar: Determiners, Adjectives (Degrees of Comparisons) English Practice Book: Unit-2 Determiners Unit-4 Comparisons	Individual: 1. Prepare a chart on 'How to take care of books' 2.Dictation Group: Weave a story
August	My English Reader: Unit-3:Limits of the Mind Unit-3: Just Be up and Doing (Poem) Writing Skills: Picture Composition, Diary Entry Grammar: Subject -Verb Agreement English Practice Book: Unit-5 Verbs	Individual: Listening activity-Students will complete the worksheet based on listening comprehension. Group: Visual Verbs
September	Revision for Summative Assessment I	Individual: Assessment of Speaking and Listening (ASL)

	Formative Assessment I	Formative Assessment II
Formative Assessment Syllabus	Pen and Paper Test Reading: Comprehension passage/poem Writing Skills: Message Writing Grammar: Nouns, Jumbled Words My English Reader: Unit1: Monday Morning Blues	Pen and Paper Test Reading: Comprehension Passage/Poem Writing Skills: Notice Writing Grammar: Apostrophe, Sentences My English Reader: Unit 1:The Tale of a Tail Unit 2: Adventure with Books (Poem)

Summative Assessment I Syllabus	<p>Reading: Comprehension Passage / Poem</p> <p>Writing Skills: Notice Writing, Application Writing, Picture Composition, Message Writing, Diary Entry</p> <p>Grammar: Determiners, Apostrophe, Verbs, Sub-Verb Agreement, Adjectives (Degrees of Comparisons), Abstract Noun, Sentences, Jumbled words.</p> <p>My English Reader: Unit 1: Monday Morning Blues Unit 1: The Tale of a Tail Unit 2: The Boy Who Borrowed Unit 2: Adventure with Books (Poem) Unit 3- Limits of the Mind Unit 3: Just Be up and Doing (Poem)</p>
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Term II- October- March		
Month	Content	Activities/Projects
October	<p>My English Reader: Unit 3: The Fearless Fighter Unit 4: I've Got e-m@il (Poem)</p> <p>Writing Skills: E-mail Writing</p> <p>Grammar: Adverbs</p> <p>English Practice Book: Unit-6 Adverbs</p>	<p>Individual: 1. Paste a picture of any famous personality and write a few lines about him/her. 2. Listening Skill Activity- Complete the worksheet based on listening comprehension.</p>
November	<p>My English Reader: Unit-4 : Five Chums and the Hacker</p> <p>Writing Skills: Informal Letter</p> <p>Grammar: Connectors, Editing: Error Finding</p>	<p>Individual: Debate on 'Technology a Boon or Bane'. Group: Create an Advertisement</p>
December	<p>My English Reader: Unit-5: It's Getting Hotter!!! Unit-5: Plant a seed (Poem)</p> <p>Writing Skills: Paragraph Writing</p> <p>Grammar: Tenses</p> <p>English Practice Book: Unit-7 Present Perfect Tense Unit-9 Conditionals</p>	<p>Individual: 1. Show and Tell 2. Dictation</p> <p>Group: Collage Making on 'Stop Global Warming'</p>
January	<p>My English Reader: Unit-5: The Green Act</p> <p>Writing Skills:</p>	<p>Individual: Listening Skill Activity Group: Classroom Clue Hunt :Fun with Prepositions</p>

	Poster Making Grammar: Modals, Prepositions English Practice Book: Unit-10 Modals-I Unit-11 Modals-II Unit-13 Preposition	
February	Revision for Summative Assessment II	Individual: Assessment of Speaking and Listening (ASL)
March	Summative Assessment II	

	Formative Assessment III	Formative Assessment IV
Formative Assessment Syllabus	Pen and Paper Test Reading: Comprehension Passage/Poem Writing Skills: E-mail Writing Grammar: Adverbs, Jumbled Words My English Reader: Unit 3: The Fearless Fighter Unit 4: I've Got e-m@il (Poem)	Pen and Paper Test Reading: Comprehension Passage/Poem Writing: Paragraph Writing Grammar: Connectors, Editing: Error Finding My English Reader: Unit 4: Five Chums and the Hacker Unit 5: Plant a Seed (Poem)
Summative Assessment II Syllabus	Reading: Comprehension Passage/Poem Writing: Poster Making, Notice writing, Informal Letter, E-mail writing paragraph writing Grammar: Tenses, Modals, Prepositions Connectors, Adverbs, Editing : Error Finding, Jumbled words My English Reader: Unit 3: The Fearless Fighter Unit 4: Five Chums and the Hacker Unit 4: I've Got e-m@il (Poem) Unit 5: It's Getting Hotter!!! Unit 5: The Green Act Unit 5: Plant a Seed (Poem)	

हिंदी

हिंदी भाषा के शैक्षणिक उद्देश्य—

1. भाषा के व्याकरणिक रूप का ज्ञान देना।
2. भाषा के माध्यम से स्वयं को अभिव्यक्त करने में समर्थ बनाना।
3. राष्ट्रभाषा के रूप में भावनात्मक एकता का विकास।
4. भाषा के द्वारा पठन—पाठन की प्रक्रिया में सत्रिफय भागीदार बनाना।
5. विद्यार्थियों की भाषिक संरचना का सुव्यवस्थित विकास।

निर्धारित पाठ्य पुस्तकें : 1. भाषा माधुरी— भाग—5

2. भाषा अभ्यास— भाग—5

प्रस्तावित पुस्तकें : 1. हिंदी व्याकरण बोध—भाग—4 ; तीर्थ राज बनोथद्व

2. हिंदी व्याकरण और रचना ; अनामिका सिंहद्व

प्रथम सत्र – अप्रैल -सितंबर		
मास	विषय सामग्री	गतिविधियाँ /परियोजना
अप्रैल	भाषा—माधुरी पाठ—1 दिमागी लड़ाई पाठ—2 लौह पुरुष पाठ—3 पेड़ ;कविताद्व भाषा— अभ्यास पाठों से सम्बंधित व्याकरण भाषा, वर्ष, शब्द, संयुक्त वर्ण, संज्ञा व भेद, वाक्य रचना,सर्वनाम	व्यक्तिगत: पाठ—3 पेड़ ;कविता वाचनद्व सामूहिक: पाठ—2 देश के कुछ स्वतंत्रता सैनानियों पर कोलाज बनवाना
मई	भाषा—माधुरी पाठ—4 पूरे एक हजार; केवल पढ़ने के लिएद्व पाठ—5 दो पहलवान भाषा— अभ्यास पाठों से सम्बंधित	व्यक्तिगत: मुल्ला नसरुद्दीन की किसी अन्य कहानी का सार लिखिए। सामूहिक: एक सामान्य व्यक्ति के लिए भोजन में किन—किन पौष्टिक तत्वों का होना आवश्यक है, उन सबके चित्रा चिपकाते हुए एक चार्ट बनाइए।

	व्याकरण वचन, लिंग, काल, क्रिया पत्रा- कक्षा में प्रथम आने पर मित्रा को बधई पत्रा ;अनौपचारिकद्ध	
जुलाई	भाषा-माधुरी पाठ-7 पतीले की मृत्यु पाठ-8 टपके का डर भाषा- अभ्यास पाठों से सम्बंधित व्याकरण संयुक्त क्रिया, 'र' के रूप, नुक्ता, पर्यायवाची शब्द, विलोम शब्द	व्यक्तिगत: अपने डर से संबंधित कोई एक घटना लिखिए। सामूहिक: छात्रों को समूह में बाँटकर समूह के एक सदस्य को पर्चियों में से एक पर्ची उठाने के लिए कहा जाएगा और पर्ची पर आए विषय पर समूह को कोई अभिनय करना होगा। पर्चियों में विषय पाठों से सम्बंधित ही होंगे।
सितंबर -	प्रथम सत्रा परीक्षा हेतु पुनरावृत्ति	

	रचनात्मक मूल्यांकन सं ।	रचनात्मक मूल्यांकन सं ॥
रचनात्मक मूल्यांकन पाठ्यक्रम	भाषा माधुरी पाठ-1 दिमागी लड़ाई, पाठ-2 लौह पुरुष भाषा-अभ्यास - पाठ-1, दिमागी लड़ाई, पाठ-2 लौह पुरुष	भाषा माधुरी- पाठ-3 पेड़ ;कविताद्ध, पाठ-5 दो पहलवान भाषा-अभ्यास-पाठ-3 पेड़ ;कविताद्ध, पाठ-5 दो पहलवान
संकलित परीक्षा 1 पाठ्यक्रम	1. भाषा माधुरी-पाठ 1 से 9 और 11 2. भाषा अभ्यास-पाठ-1 से 9 और 11 3. सम्बंधित सत्रा में कारवाई गई सम्पूर्ण व्याकरण 4. अपठित गद्यांश व अपठित पद्यांश 5. पत्रा 6. अनुच्छेद ;पाठों से सम्बंधितद्ध ;कक्षा में कराए गए पत्रा एवं अनुच्छेद के विषय परीक्षा में कक्षा कार्य से भिन्न भी हो सकते हैं। 7. पठित गद्यांश एवं पठित पद्यांश ;पाठ्य पुस्तक से सम्बंधित पाठद्ध	

द्वितीय सत्र - अक्टूबर- मार्च

मास	विषय सामग्री	गतिविधियाँ /परियोजना
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अक्टूबर	भाषा माधुरी पाठ-12 मनभावन सावन पाठ-13 प्रिय पौध भाषा- अभ्यास पाठों से सम्बंधित व्याकरण मुहावरे, उपसर्ग	व्यक्तिगत: पाठ-13 'वृक्षों का महत्व' विषय पर एक-एक पोस्टर बनवाना। सामूहिक: विभिन्न)तुओं के चित्रा एकत्रा कर एक चार्ट बनाइए।
नवम्बर	भाषा माधुरी पाठ-14 बु(मान राजा पाठ-15 अंधेर नगरी पाठ-16 चाँद का कुर्ता ;कविताद्ध भाषा- अभ्यास पाठों से सम्बंधित व्याकरण प्रत्यय, अव्यय पत्रा- औपचारिक ;अवकाश हेतु प्रधनाचार्या को पत्राद्ध	व्यक्तिगत: चाँद का कुर्ता ;कविताद्ध याद कर कक्षा में सुनाइए। सामूहिक: पाठ-15 अंधेर नगरी ;नाट्य मंचनद्ध
दिसंबर	भाषा माधुरी पाठ-17 हार की जीत पाठ-18 बेटिटना का साहस भाषा- अभ्यास पाठों से सम्बंधित व्याकरण कारक पत्रा- आपैचारिक ;पुस्तकालय में बाल पत्रिकाएँ मगवाने हेतु प्रधनाचार्या को पत्राद्ध	व्यक्तिगत: पाठ-18 साहस से सम्बंधित कोई कहानी या कविता कक्षा में सुनाइए। सामूहिक: मुहावरों से संबंधित चित्रा सहित मुहावरे का अर्थ एवं उसका वाक्य में प्रयोग करते हुए एक पी.पी.टी. बनाइए।
जनवरी	भाषा माधुरी पाठ-19 लौट आया आत्मविश्वास पाठ-20 कोशिश करने वालों की हार नहीं होती ;कविताद्ध भाषा- अभ्यास पाठों से सम्बंधित व्याकरण लोकोक्तियाँ अनुच्छेद- रचनात्मक अनुच्छेद ;पाठों से सम्बंधितद्ध	व्यक्तिगत: हरिवंश राय 'बच्चन' जी की कोई अन्य कविता याद कर कक्षा में सुनाइए। सामूहिक: कुछ साहसी व्यक्तियों ;जैसे राकेश शर्मा, बछेंद्री पाल आदिद्धपर स्क़ैप बुक तैयार कीजिए।
फरवरी	द्वितीय सत्रीय परीक्षा (SA2) हेतु पुनरावृत्ति कार्य	
मार्च	द्वितीय सत्रीय परीक्षा (SA2)	

	रचनात्मक मूल्यांकन सं III	रचनात्मक मूल्यांकन सं IV
रचनात्मक मूल्यांकन पाठ्यक्रम	भाषा माधुरी पाठ-12 मनभावन सावन, पाठ-14 बुभिन राजा भाषा अभ्यास- पाठ-12 मन भावन सावन, पाठ-14 बुभिन राजा	भाषा माधुरी - पाठ 15 अँधेर नगरी, पाठ-17 हार की जीत भाषा अभ्यास- पाठ 15 अँधेर नगरी, पाठ-17 हार की जीत
संकलित परीक्षा 2 पाठ्यक्रम	1. पाठ्यपुस्तक-पाठ 12, 13, 14, 15, 16, 17, 18, 19 तथा 20 2. भाषा अभ्यास-पाठ 12, 13, 14, 15, 16, 17, 18, 19 तथा 20 3. अपठित गद्यांश एवं अपठित पद्यांश 4. सम्बंधित सत्रा में करवाई गई सम्पूर्ण व्याकरण 5. पत्रा 6. अनुच्छेद-कक्षा में कराए गए पत्रा एवं अनुच्छेद के विषय परीक्षा में कक्षाकार्य से भिन्न भी हो सकते हैं 7. पठित गद्यांश एवं पठित पद्यांश ; पाठ्य पुस्तक से सम्बंधित पाठ्य	

Mathematics

Learning Objectives

- Develop a positive attitude towards learning Mathematics
- Perform mathematical operations and manipulations with confidence, speed and accuracy
- Think and reason precisely, logically and critically in any given situation
- Develop investigative skills in Mathematics

Prescribed Text Books: Primary Mathematics by DAV Publications

Suggested Reading: Scholastic Go Maths

Quest of Mathematics.

Suggested Web links: <https://in.ixl.com/math/class-v>

www.mathabc.com

Term I- April- September

Month	Content	Activities/Projects
April	Unit- 1 Numbers upto 99,99,99,9999 Unit -2 Operation on large number	Individual : To make a 4 X 4 magic square. Group- Make placards of digits 0 to 9 and for places and periods and answer the questions related to them.
May	Unit - 3 Factors and Multiples	Individual- To find the HCF of given numbers by activity method.
July	Unit -4 Fractional Numbers Unit -10 Averages	Individual : Find the average of heights of your family members. Group- Addition and subtraction of like fractions by activity method.
August	Unit-11 Profit and loss Unit-16 Triangles Unit-17 Data handling	Individual- Angle sum property of Triangle by activity method. Group- Pictorially representing the collected data.
September	Revision for Summative Assessment I	

	Formative Assessment I	Formative Assessment II
Formative Assessment Syllabus	Unit-1 Numbers up to 99, 99,99,999	Unit-3 Factors and multiples
Summative Assessment I Syllabus	Unit 1 Numbers upto 99,99,99,9999 Unit 2 Operation on large number Unit 3 Factors and Multiples Unit 4 Fractional Numbers Unit 10 Averages Unit 11 Profit and loss Unit 16 Triangles Unit 17 Data handling	

Term II- October- March

Month	Content	Activities/Projects
October	Unit-5 Decimals Unit-6 Addition and Subtraction of decimal Numbers	Individual- To add and subtract decimal numbers on a 10 X 10 grid
November	Unit-7 Multiplications of decimal Numbers Unit-8 Simplification of numerical expression	Individual:To multiply decimal numbers on a 10 X 10 grid
December	Unit-12 Percentage Unit-13 Simple interest	Group- Find population of any four cities and round off the numbers to nearest ten thousands and lakhs.
January	Unit 14 Bills Unit 15 Temperature	Individual- Collect the electricity bill of your house for the last six month and prepare a graphical chart of the same. Group-Find the maximum temperature for five consecutive days and then find the average temperature
February	Revision for Summative Assessment II	
March	Summative Assessment II	

Formative Assessment Syllabus	Formative Assessment III	Formative Assessment IV
	Unit-5 Decimals Unit-6 Addition and Subtraction of Decimals	Unit-12 Percentage
Summative Assessment II Syllabus	Unit-5 Decimals Unit-6 Addition and Subtraction of decimal Numbers Unit-7 Multiplications of decimal Numbers Unit-8 Simplification of numerical expression Unit-12 Percentage Unit-13 Simple interest Unit 14 Bills Unit 15 Temperature	

Science

Learning Objectives:

- To develop the scientific temperament for various science applications.
- To use scientific knowledge and skills for problem solving.
- To create awareness and concern for healthy environment and preservation of ecosystem.
- To study and discuss about universe and celestial bodies.

Prescribed Text Books: My Living World (D.AV. Publications)

Suggested Reading : Science-- Prachi (India) pvt. Ltd.

Suggested Web links: www.makemegenius.com

Term I- April- September		
Month	Content	Activities/Projects
April	Chapter-1 My body Chapter-2 Plants	Individual -‘Label me’ worksheets on skeletal system and breathing system. Group -Presentation of short videos with explanation on the following topics— a) Human breathing system b) Human skeletal system c) Sense organs d) Photosynthesis e) Seed germination f) Seed dispersal
May	Chapter-3 Forests	Individual -Prepare a Scrap Book on various products obtained from forests (paste pictures and give related information) Group - Multidisciplinary project
July	Chapter-4 Animals-Our Friends Chapter-5 Food and Health	Individual -Crossword Puzzle Group - Photo story on endangered and extinct species of animals.
August	Chapter-6 Spoilage and Wastage of food and food preservation	Individual - Prepare a flash card showing a method of preservation of food. Group -Prepare two HOTS and one value based questions to be discussed in the class.

September	Revision for Summative Assessment-I	
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Formative Assessment Syllabus	Formative Assessment I	Formative Assessment II
	Chapter-1 My body	Chapter-2 Plants
Summative Assessment I Syllabus	Chapter-1 My body Chapter-2 Plants Chapter-3 Forests Chapter-4 Animals-Our friends Chapter-5 Food and Health Chapter-6 Spoilage and Wastage of Food and Food Preservation	

Term II- October- March		
October	Chapter-7 Importance of Water Chapter-8 Properties of Water	Group-1) Conduct simple experiments to demonstrate properties of water. 2)Check the solubility of the following materials in water and find out whether they are denser than water (Rubber, marble, pebble, ice cube, oil etc.).
November	Chapter-9 Fuels Chapter-10 Air	Individual- Make a poster on 'Air pollution'. Group- Prepare a Power Point Presentation on 'conservation of fossil fuels'.
December	Chapter-11 Our Solar System Chapter-12 Observing the Sky	Individual- Observe the night sky. Make any one constellation using star stickers and thread. Name it and describe it briefly. Group- Create a hotmail account. Add some pictures of 'Solar System' in 'One note' and give relevant information about it.
January	Revision for Summative Assessment-II	

February	Revision for Summative Assessment-II	
March	Summative Assessment-II	

	Formative Assessment III	Formative Assessment IV
Formative Assessment Syllabus	Chapter-7 Importance of water	Chapter-10 Air
Summative Assessment II Syllabus	Chapter-7 Importance of water Chapter-8 Properties of water Chapter-9 Fuels Chapter-10 Air Chapter-11 Our Solar System Chapter-12 Observing the sky	

Social Science

Learning Objectives:

- To understand that people have social, cultural and economic roles, rights and responsibilities.
- To link the disciplines of Social Studies to everyday life of individuals and communities
- To cultivate a spirit of loyalty and devotion towards the country.
- To generate interest in contemporary social problems and a desire to participate in their solution.
- To inculcate values like confidence, discipline, co-operation, harmony, team spirit, problem solving, decision making and respect for self and others.

Prescribed Text Books: We And Our World by DAV Publications

Suggested Reading: Social Science for class V (S.Chand)

Environmental Studies – Let's look around and learn (NCERT)

Suggested Web links: <http://www.education.com/worksheets/fifth-grade/social-studies/>

<https://www.superteacherworksheets.com/full-social-studies.html>

http://www.learninggamesforkids.com/social_studies_games.html

Term I- April- September

Month	Content	Activities/Projects
April	Chapter-1 Importance of Family Chapter-2 Human Migration	Individual: Speak 10-15 sentences on your role model. Mention reason/s for admiring her/him. Group: Crossword puzzle on human migration.
May	Chapter-3 Variation in Shelters	Group- Prepare a 3D model on any one type of house.
July	Chapter-4 Sensitivity Toward Others Chapter-5 Community Services	Individual- Open Book Test of Chapter-5 Group- Research on any one social reformer and prepare a project on the same.
August	Chapter-6 Leisure Time Chapter-7 Changing Trends In Occupation	Individual- Paste a picture of your favourite leisure activity and write a few lines on it. Group- Make a collage of people associated with different occupations.
September	Revision of Summative Assessment I	

	Formative Assessment I	Formative Assessment II
Formative Assessment Syllabus	Chapter-1 Importance of Family	Chapter-2 Human Migration
Summative Assessment I Syllabus	Chapter-1 Importance of Family Chapter-2 Human Migration Chapter-3 Variation in Shelters Chapter-4 Sensitivity Towards Others Chapter-5 Community Services Chapter-6 Leisure Time Chapter-7 Changing Trends In Occupation Map Work	

Term II- October- March

Month	Content	Activities/Projects
October	Chapter-8 Respecting Regional Differences Chapter-9 Exploring India	Individual: Map Work Group: Wall magazine show casing any one state of India.
November	Chapter-10 Mapping India Chapter-11 Transport In Modern Times	Group: 1. Youth Parliament 2. Group Discussion on 'How to overcome the problems related to Traffic.
December	Chapter-12 Communication in Modern Times Chapter-13 India's Neighbours	Individual- Paste flags of any 5 neighbouring countries of India and write the popular food of those countries. Group: Class Debate; 'Children be allowed to bring mobiles to school'
January	Revision of Summative Assessment II	
February	Revision of Summative Assessment II	
March	Summative Assessment II	

Formative Assessment Syllabus	Formative Assessment III	Formative Assessment IV
	Chapter-8 Respecting Regional Differences	Chapter-9 Exploring India
Summative Assessment II Syllabus	Chapter-8 Respecting Regional Differences Chapter-9 Exploring India Chapter-10 Mapping India Chapter-11 Transport in Modern Times Chapter-12 Communication in Modern Times Chapter-13 India's Neighbours Map Work	

Computer Science

Learning Objectives:

- To use technology purposefully to create, organise, store, manipulate and retrieve digital content.
- To effectively use search technologies.
- To act safely and respectfully while using technology, keeping personal information private.
- To memorize the options available under the various tabs of the ribbon and use them effectively.
- To recall about the various types of virus attacks and how to resolve them by using appropriate antivirus.

Prescribed Text Books: Hands –On

Suggested Reading: Step by Step (Joan Lambert)

PowerPoint 2007 in simple steps (Kogent)

Solutions Fundamentals of Computer (Rajaraman V& Adaabala)

Suggested Web links: www.gcflearnfree.org

<http://www.actden.com>

www.khanacademy.org,

www.goanimate4schools.com

Term I- April- September		
Month	Content	Activities/Projects
April	Chapter-1 More About Computer	Individual: Prepare a scrap book with the pictures of system and application software loaded in your Computer System.
May	Chapter-2 Storage Devices	Individual: Depict the Classification of Computer Memory by means of a flow chart.

July	Chapter-3 Multimedia Magic(create a presentation using power point)	Individual: Use the internet to find information about Multimedia software used in education. Group: Use the different templates in PowerPoint to create your family photo album.
August	Chapter-4 Multimedia Magic(working on presentations part-1)	Group - Create a PowerPoint presentation by following the given guidelines.
September	Revision for Summative Assessment I	

	Formative Assessment I	Formative Assessment II
Formative Assessment Syllabus	No Assessment	No Assessment
Summative Assessment I Syllabus	Chapter 1: More About Computer Chapter 2: Storage Devices Chapter 3: Multimedia Magic(create a presentation using PowerPoint) Chapter 4: Multimedia Magic(working on presentations part-1)	

Term II- October- March		
Month	Content	Activities/Projects
October	Chapter 5: Multimedia Magic(working on presentations part-2)	Group - Make a PowerPoint presentation on 'Who is responsible for Global Warming' following the given guidelines.
November	Chapter 6: Multimedia Magic(working on presentation part-3)	Individual: Create a PowerPoint presentation of more than five slides on 'My Body Parts'. Use the appropriate formatting

		options and custom animation for text and pictures.
December	Chapter 7: Knowing About Viruses	Individual: Make a project report on name, type and effect of any five latest Viruses.
January	Chapter 8: Software –Pivot	Group: Create an animation of a running man by following the given instructions.
February	Revision for Summative Assessment II	
March	Summative Assessment II	

Formative Assessment Syllabus	Formative Assessment III	Formative Assessment IV
	No Assessment	No Assessment
Summative Assessment II Syllabus	Chapter 5: Multimedia Magic(working on presentations part-2) Chapter 6: Multimedia Magic(working on presentation part-3) Chapter 7: Knowing About Viruses Chapter 8: Software –Pivot	

संस्कृतम्

अधिगम-उद्देश्यानि -

- संस्कृतस्य सरलशब्दानां ज्ञानम्।
- संस्कृतस्य शुद्धोच्चारणस्य अभ्यासः।
- शुद्धे: अशुद्धे: च ज्ञानम्।
- सम्भाषणाभ्यासः
- स्मृति-परीक्षादिकम्

निर्धारित-पाठ्यपुस्तकम् -

सुरभि: (प्रवेशिका)

अन्ये सहायक-ग्रन्थाः -

1. चित्रपदकोषः - संस्कृतभारती

2. रचनानुवाद-कौमुदी - डा. कपिल देव द्विवेदी

द्रष्टव्यानि अन्तर्जाल-स्थानकानि -

1. www.technofunlearn.blogspot.in
2. www.divyavaak10.blogspot.in
3. www.sanskrittutorial.in
4. www.sanskritdocuments.org
5. www.samskritabharti.in
6. www.way2skt.blogspot.in

प्रथम-सत्रम् (अप्रैल-सितम्बर)		
मास	विषयवस्तु	गतिविधयः
अप्रैल	<p><u>सुरभिः</u> - पाठ-1 मधुरा प्रभातवेला व्याकरणम् -</p> <ul style="list-style-type: none"> • वर्णमाला - स्वराः/व्यञ्जनानि • वर्णविच्छेदनम्, वर्णसंयोजनम् च • पुरुष-लिङ्ग-परिचयः • धातूनाम् अर्थः • संख्यावाचिशब्दाः -1तः10पर्यन्तम् • लिङ्ग-परिवर्तनम् • वचन-परिवर्तनम् 	<p>एकल - आदर्शवाचनम् सामूहिक - हे प्रभो! इति गीतस्य गायनम्</p>
मई	<p><u>सुरभिः</u> - पाठ - 2 मम परिवारः पाठ - 3 वयम् पश्यामः जन्तुशालाम् व्याकरणम् -</p> <ul style="list-style-type: none"> • कारक-चिह्न-विभक्तिः • धातुरूपाणि - पठ्, चल्, हस्, वद्, खाद्, धाव्, रक्ष्, खेल् (लट्लकारे) शब्दरूपाणि - देव, लता, फल (प्रथमा, द्वितीया विभक्तिः) 	<p>एकल - चित्रं दृष्ट्वा वस्तूनां अवबोधनम्) सामूहिक - शान्तिपाठस्य गायनम् (मंत्रोच्चारणम्)</p>
जुलाई	<p><u>सुरभिः</u> - पाठ - 4 शाकहट्टम्</p>	<p>एकल - ग्रीष्मावकाश-गृहकार्यम्</p>

	<p>पाठ - 5 अस्माकं प्रियमित्राणि(पक्षिणः) <u>व्याकरणम्</u> -</p> <ul style="list-style-type: none"> • संख्यावाचिशब्दाः - 11तः 25पर्यन्तम् • अव्ययशब्दाः - अधः, नीचैः, उपरि, समीपे, कोणे, अन्तः, बहिः, अद्य, च, अपि (केवलम् अर्थमेलनम्) • शब्दरूपाणि - देव, लता, फल • (षष्ठी विभक्तिः) 	<p>सामूहिक - बहुअनुशासित-गृहकार्यम्</p>
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<p>अगस्त</p>	<p><u>सुरभिः</u> - पाठ - 6 ये फलानि खादन्ति ते सुखिनः वसन्ति। पाठ - 7 चित्रप्रदर्शनी <u>व्याकरणम्</u> -</p> <ul style="list-style-type: none"> • कर्त्ता-क्रिया- सम्बन्धः • सर्वनाम - तत्, एतत्, किम्, (त्रिषु लिङ्गेषु, प्रथमा विभक्तिः) • अस्मद्, युष्मद् (प्रथमा विभक्तिः) <p><u>पुनरावृत्तिः</u></p> <ul style="list-style-type: none"> • धातुरूपाणां - पठ्, चल, हस्, वद्, खाद्, धाव्, रक्ष्, खेल् (लट्लकारे) • शब्दरूपाणां - देव, लता, फल (प्रथमा, द्वितीया, षष्ठी विभक्तिषु) 	<p>एकल - कक्षा परीक्षा सामूहिक - प्रश्न-मञ्चः</p>
<p>सितम्बर</p>	<p>संकलनात्मक-मूल्यांकन- I (SA - I) परीक्षायाः कृते सम्पूर्णपाठ्यक्रमस्य पुनरावृत्तिः -</p>	

<p>रचनात्मक-मूल्यांकनम् - I (पाठ्यक्रमः)</p>	<p>रचनात्मक-मूल्यांकनम् - I (पाठ्यक्रमः)</p> <p>सुरभिः- पाठः - 1 <u>व्याकरणम् -</u></p> <ul style="list-style-type: none"> वर्णविच्छेदनम्, वर्णसंयोजनम् च धातूनाम् अर्थः संख्या - 1तः 10पर्यन्तम् लिङ्ग-परिवर्तनम् वचन-परिवर्तनम् 	<p>रचनात्मक-मूल्यांकनम् - II (पाठ्यक्रमः)</p> <p>सुरभिः - पाठाः - 2,3 <u>व्याकरणम्</u></p> <ul style="list-style-type: none"> धातुरूपाणि - पठ्, चल्, हस्, वद्, खाद् (लट्लकारे) शब्दरूपाणि - देव, लता, फल (प्रथमा, द्वितीया, षष्ठी विभक्तिषु) अव्ययशब्दाः - अधः, नीचैः, उपरि, समीपे, कोणे, अन्तः (केवलम् अर्थमेलनम्) संख्या - 11तः 25पर्यन्तम्
<p>संकलनात्मक-मूल्यांकनम् - I</p>	<p>सुरभिः - पाठाः - 1तः 7पर्यन्तम् <u>व्याकरणम्-</u></p> <ul style="list-style-type: none"> वर्णविच्छेदनम्, वर्णसंयोजनम् च लिङ्ग-परिवर्तनम् वचन-परिवर्तनम् संख्या - 1तः 25पर्यन्तम् धातूनाम् अर्थः अव्ययशब्दाः - अधः, नीचैः, उपरि, समीपे, कोणे, अन्तः, बहिः, अद्य, च, अपि (केवलम् अर्थमेलनम्) धातुरूपाणि - पठ्, चल्, हस्, वद्, खाद्, धाव्, रक्ष्, खेल् (लट्लकारे) शब्दरूपाणि - देव, लता, फल (प्रथमा, द्वितीया, षष्ठी विभक्तिषु) कर्ता-क्रिया-सम्बन्धः सर्वनाम - तत्, एतत्, किम् (त्रिषु लिङ्गेषु, प्रथमा विभक्तिः) अस्मद्, युष्मद् (प्रथमा विभक्तिः) 	

द्वितीय सत्रम् - अक्टूबर- मार्च

मास	विषयवस्तु	गतिविधयः
अक्टूबर	<p>सुरभिः - पाठ - 8 अभिनवः किम् किम् करोति? पाठ - 9</p> <p>विडालः कुत्र अस्ति। पाठ - 10</p> <p>आगच्छ! गायामः।</p> <p><u>व्याकरणम् -</u></p> <ul style="list-style-type: none"> • धातुरूपाणि - पठ्, चल्, हस्, वद्, खाद्, धाव्, रक्ष्, खेल् (लृट्लकारे) • शब्दरूपाणि - गज्, माला, वन (प्रथमा, द्वितीया, षष्ठी विभक्तिषु) 	<p>एकल - स्वपरिचयः</p> <p>सामूहिक - क्रीडा (शरीराङ्गानां नामानि)</p>
नवम्बर	<p>सुरभिः - पाठ - 11 हरिणम् मारया। पाठ - 12</p> <p>कथयन्तु!</p> <p>कस्य कः वर्णः? <u>व्याकरणम् -</u></p> <ul style="list-style-type: none"> • पठितगद्यांशः 	<p>एकल - चित्रवर्णनम्</p> <p>सामूहिक - पाठाधारित-संवादाः</p>

	<ul style="list-style-type: none"> • लकार-परिवर्तनम् <p><u>पुनरावृत्तिः -</u></p> <ul style="list-style-type: none"> • धातुरूपाणां - पठ्, चल्, हस्, वद्, खाद्, धाव्, रक्ष्, खेल् (लृट्लकारे) • शब्दरूपाणां - गज, माला, वन (प्रथमा, द्वितीया, षष्ठी विभक्तिषु) 	
दिसम्बर	<p><u>सुरभिः</u> - पाठ - 13 कः चतुरः अस्ति? पाठ - 14 कति वस्तूनि सन्ति? <u>व्याकरणम् -</u></p> <ul style="list-style-type: none"> • लकार-परिवर्तनम् <p><u>पुनरावृत्तिः</u></p> <ul style="list-style-type: none"> • संख्या - 11तः 25पर्यन्तम् • लिङ्ग-परिवर्तनम् • वचन-परिवर्तनम् • पठितगद्यांशः • धातुरूपाणि - पठ्, चल्, हस्, वद्, खाद्, धाव्, रक्ष्, खेल् (लृट्लकारे लृट्लकारे च) • शब्दरूपाणि - देव, गज, लता, माला, फल, वन (प्रथमा, द्वितीया 	<p>एकल - श्लोकोच्चारणम् सामूहिक - संख्याक्रीडा</p>

	षष्ठी विभक्तिषु)	
जनवरी- मार्च	संकलनात्मक-मूल्यांकन- II (SA - II) परीक्षायाः कृते सम्पूर्णपाठ्यक्रमस्य पुनरावृत्तिः -	

रचनात्मक-मूल्यांकनम् (पाठ्यक्रमः)	रचनात्मक-मूल्यांकनम् - III (पाठ्यक्रमः)	रचनात्मक-मूल्यांकनम् - IV (पाठ्यक्रमः)
	सुरभिः - पाठाः - 8,9,10 <u>व्याकरणम्</u> - <ul style="list-style-type: none"> शब्दरूपाणि - गज, माला, वन (प्रथमा, द्वितीया, षष्ठी विभक्तिषु) धातुरूपाणि - पठ्, चल्, हस्, वद्, खाद् (लृट्लकारे) लकार-परिवर्तनम् सर्वनाम - अस्मद्, युष्मद् (प्रथमा विभक्तिः) 	सुरभिः - पाठाः - 11,12,13 <ul style="list-style-type: none"> धातुरूपाणि - खाद्, धाव्, रक्ष्, खेल् (लृट्लकारे) शब्दरूपाणि - देव, लता, फल (प्रथमा, द्वितीया, षष्ठी विभक्तिषु) लिङ्ग-परिवर्तनम् वचन-परिवर्तनम् कर्त्ता-क्रिया-सम्बन्धः अव्ययशब्दाः - अन्तः, बहिः, अद्य, च, अपि (केवलम् अर्थमेलनम्)
संकलनात्मक-मूल्यांकनम् - II	सुरभिः - पाठाः - 8तः 14पर्यन्तम् <u>व्याकरणम्</u> - <ul style="list-style-type: none"> वर्णविच्छेदनम्, वर्णसंयोजनम् च संख्या - 1तः 25पर्यन्तम् लिङ्ग-परिवर्तनम् वचन-परिवर्तनम् लकार-परिवर्तनम् पठितगद्यांशः कर्त्ता-क्रिया-सम्बन्धः अव्ययशब्दाः - अधः, नीचैः, उपरि, समीपे, कोणे, 	

	<p>अन्तः, बहिः, अद्य, च, अपि (केवलम् अर्थम्)</p> <ul style="list-style-type: none"> • सर्वनाम - तत्, एतत्, किम्, (त्रिषु लिङ्गेषु, प्रथमा विभक्तिः मात्रम्) • अस्मद्, युष्मद् (प्रथमा विभक्तिः) • धातुरूपाणि - पठ्, चल्, हस्, वद्, खाद्, धाव्, रक्ष्, खेल् (लट्लकारे लृट्लकारे च) • शब्दरूपाणि - देव, गज, लता, माला, फल, वन (प्रथमा, द्वितीया, षष्ठी विभक्तिषु)
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General Knowledge

Summative Assessment I
Unit-1 Language And Literature
Page Nos. – 1 To 13
Unit-2 Environment Around
Page Nos. -14 To 25
Unit-3 World Around
Page Nos. -26 To 36 And Current Affairs

Summative Assessment II
Unit-4 ART AND CULTURE
Page Nos. – 37 To 45
Unit -5 MATH MAGIC
Page Nos.- 47 To 53, 55,56
Unit-6 SPORTS AND GAMES
Page Nos.- 57 To 63 And Current Affairs

धर्मशिक्षा

निर्धारित पाठ्य पुस्तकें : धर्मशिक्षा भाग - 5

प्रस्तावित पुस्तकें : सत्यार्थ प्रकाश , नित्यकर्म विधि , यज्ञ विमर्श | डी.ए.वी. प्रकाशन
से प्रकाशित धार्मिक पत्रिकाएं एवं पुस्तकें

शैक्षणिक उद्देश्य : मूल्य आधारित शिक्षा प्रदान करना |

नैतिकता ,सामाजिकता ,आध्यात्मिकता विषयक संस्कार प्रदान करना |

प्रथम सत्र - अप्रैल -सितंबर

मास	विषय सामग्री	गतिविधियाँ /परियोजना
अप्रैल	पाठ संख्या 1,2,3 याचना , गायत्री मन्त्र का महत्व , आर्य समाज के नियम (7,8,9,10)	व्यक्तिगत I- गायत्री मन्त्र कंठस्थ करना सामूहिक -ईश्वरीय प्रार्थना वाचन करना
मई	पाठ संख्या -4, 5 बालक मूलशंकर का गृह त्याग , ऋषि महिमा गीत	सामूहिक - अभिवादन का मतलब बताना /सीखाना
जुलाई	पाठ -6,7,8, अच्छा बालक , महात्मा सुकरात की सहनशीलता , बड़े घर का गायक	व्यक्तिगत - अच्छे बालकों की दिनचर्या लिखना सीखना /बनाना
अगस्त	पाठ संख्या 9,10 गुणगान प्रार्थना , (स्वर सहित कंठस्थ) अहिंसा	सामूहिक - अहिंसा पर CHART बनाना
सितंबर -	संकलित (SA-1) परीक्षा पाठ्यक्रम का पुनरावलोकन	संकलित (SA -1) परीक्षा देना
रचनात्मक मूल्यांकन पाठ्यक्रम	रचनात्मक मूल्यांकन सं 1 -----N/A-----	रचनात्मक मूल्यांकन सं 2 -----N/A-----
संकलित परीक्षा 1 पाठ्यक्रम	याचना ,गायत्री मन्त्र का महत्व , आर्य समाज के नियम (7,8,9,10) बालक मूलशंकर का गृह त्याग ,ऋषि महिमा गीत अच्छा बालक ,महात्मा सुकरात की सहनशीलता , गुणगान प्रार्थना ,(स्वर सहित कंठस्थ) अहिंसा , बड़े घर का गायक (पाठ 1-10 तक)	

मास	विषय सामग्री	गतिविधियाँ /परियोजना
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अक्तूबर	पाठ संख्या 11,12,13 स्वाध्याय ,सत्संग का प्रभाव, सेवा	व्यक्तिगत – महापुरुषों की जीवनियों एवं कार्यों पर चर्चा करना / बताना /समझाना
नवम्बर	पाठ संख्या 14,15,16 शरणागति,स्वामी विरजानन्द, पण्डित गुरुदत्त विद्यार्थी	व्यक्तिगत- सुखी एवं निरोगी जीवन पर चर्चा
दिसंबर	पाठ संख्या 17,18,19 पंजाब केसरी लालालाजपत राय ,सरदार भगत सिंह ,दयानन्द प्रशस्ति	सामूहिक – संध्या प्रार्थना के मंत्रों को याद करेंगे
जनवरी	पाठ संख्या 20 ब्रह्म यज्ञ (संध्या प्रार्थना)	सामूहिक – संध्या प्रार्थना का अभ्यास
फरवरी	संकलित परीक्षा (SA -2) के पाठ्यक्रम का दोहरीकरण	संकलित परीक्षा SA-2 हेतु अभ्यास कार्य
मार्च	संकलित SA-2 परीक्षा कि तैयारी	संकलित (SA -1) परीक्षा

रचनात्मक मूल्यांकन पाठ्यक्रम	रचनात्मक मूल्यांकन सं 3	रचनात्मक मूल्यांकन सं 4
	-----N/A-----	-----N/A-----
संकलित परीक्षा 2 पाठ्यक्रम	स्वाध्याय ,सत्संग का प्रभाव, सेवा शरणागति,स्वामी विरजानन्द, पण्डित गुरुदत्त विद्यार्थी पंजाब केसरी लालालाजपत राय ,सरदार भगत सिंह ,दयानन्द प्रशस्ति ब्रह्म यज्ञ (संध्या प्रार्थना (पाठ संख्या 11-20 तक)	

Drawing

Prescribed Text Books: Step by Step – A book of drawing and painting.

Suggested Reading: 1. Art in new era – A book of art and craft (series)

2. Kalakriti (a book of artists and students work)

3. Art and craft by Nicholas Horsburgh

Suggested Web links: 1. Youtube.com

2. Wikipedia.com

3. google.com

Term I- April- September

Month	Content	Activities/Projects
April	<ol style="list-style-type: none"> 1. Introduction about colours and pencil shading. 2. Step by Step pages 2 to 7 3. Composition - Fruit basket 	Individual - Colour Chart
May	<ol style="list-style-type: none"> 1. Vegetable Composition 2. Step by Step pages 8 to 11 	Individual - Leaf impression activity
July	<ol style="list-style-type: none"> 1. Step by Step pages 12 to 15 2. Flower Composition 3. Bird Composition 	Individual - Photo frame.
August	<ol style="list-style-type: none"> 1. Step by Step pages 16 to 21 2. Animal Composition 	Individual - Rakhi card making/ Rakhi designing for girls/Rakhi gift- Pen holder for boys
September	<ol style="list-style-type: none"> 1. Discussion about Perspective, 2. Step by Step pages 22 to 23 	Group-Teacher's Day card making

Summative Assessment I Syllabus	Vegetable Composition Snake Charmer Fruit Basket Bird Composition Flower Composition
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Term II- October- March

Month	Content	Activities/Projects
October	<ol style="list-style-type: none"> Step by Step pages 24 ,25 Landscape making 	Individual - Bandhanbar Decoration
November	<ol style="list-style-type: none"> Step by Step pages 33 to 36 	Individual - Impression Painting on fabric Group - Collage making
December	<ol style="list-style-type: none"> Step by Step pages 37 to 40 Number and letter writing Cartoon composition 	Individual- Christmas and New Year card making Group- New Year Resolutions.
January	<ol style="list-style-type: none"> Composition- Bye Bye Winters 	Individual - Pot decoration
February	<ol style="list-style-type: none"> Composition- Spring season 	
March	Summative Assessment II	

Summative Assessment II Syllabus	Landscape Cartoon Composition Morning Walk Animal Composition Spring season Composition
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