

**SRI GURU NANAK PUBLIC SCHOOL
ADARSH NAGAR, DELHI-110033 CLASS – IX
SYLLABUS BREAKUP 2024-25**

SUBJECT : ENGLISH (186)

Dates/ Week	Wo rkin g day s	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHIN G ACTIVITI ES	LEARNIN G RESOURC ES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1 st April – 12 th April	10	Beehive The Fun They Had Grammar: Subject verb agreement	Create imaginative and critical thinking. Enhance Vocabulary	Newspaper Reading	https://www.toppr.com/guides/english/english%20-beehive/the-fun-they-had-summary/
15 th April – 30 th April	14	Grammar: Tenses Writing skills- Diary Entry (Descriptive Paragraph) Poem-The Road Not taken.	Identify tense verbs in writing. Develop the ability to write comprehensively in English without errors on a given topic. Meditate on the complexities of life		Wren and Martin High School English Grammar and Composition (Regular Edition) by S Chand https://www.learninsta.com/diary-entry-for-class-9/ https://youtu.be/g54q3JKxCCc

1 st May – 13 th May	10	Poem-Wind Beehive-The Little Girl	Understand and appreciate poetry as a literary piece. Understand the material other than the prescribed text.	PPT	https://youtu.be/zhD7vmIvjXI https://youtu.be/OSPIEDuelCY
1 st July – 12 th July	11	Beehive-The Sound of Music Grammar: Determiners	The students will receive and give instructions using Modal. Develop correct reading habits.	Vocabulary Games	https://youtu.be/ZPNlgl1JyHs https://learnenglish.britishcouncil.org/grammar/english-grammar-reference/determiners-and-quantifiers
15 th July – 31 st July	14	Poem-The Lake Isle of Innisfree Moments-The adventures of Toto	Recognize poetry from a variety of cultures, languages, and historic periods. The story gives a message of the importance of having wild animals as pets.		https://www.successcds.net/learn-english/class-9/the-lake-isle-of-innisfree-class-9cbse-english.html https://youtu.be/E6ZgGEcQDco
1 st Aug – 14 th Aug	11	Moments-Iswaran the Storyteller	Refine their creative skills		https://youtu.be/0mXt9CviaAY https://youtu.be/0mXt9CviaAY

16 th Aug – 31 st Aug	11	<p>Beehive-A Truly Beautiful Mind</p> <p>Poem-Rain on The Roof</p>	<p>Communicate effectively.</p> <p>Read aloud and recite poems/prose with proper stress, pause, tone, and intonation.</p>	<p>Spell Bee</p>	<p>https://byjus.com/cbse-notes/class-9-english-beehive-a-truly-beautiful-mind-summary/</p> <p>https://www.vedantu.com/english/rain-on-the-roof-summary</p>
02 nd Sept – 07 th Sept	05	<p>Moments- In the Kingdom of fools</p>	<p>It gives a message that one should stay away from foolish people; else one is bound to suffer.</p>		<p>https://www.successcds.net/learn-english/class-9/in-the-kingdom-of-fools-class-9-english-poem.html</p>
09 th Sept – 20 th Sept	10	REVISION FOR MID TERM EXAM			
23 rd SEPT – 7 th Oct		MID TERM EXAM			

08 th Oct – 19 th Oct	06	Beehive-The Snake and the Mirror	Enhance their critical thinking	Role Play	https://youtu.be/aFdSQyVcVLU
21 st Oct – 08 th Nov	11	Poem-A Legend of The Northland	Read the poetry effectively		https://www.successcds.net/learn-english/class-9/a-legend-of-the-northland-class-9-cbse-english.html
11 th Nov – 30 th Nov	16	<p>MomentsThe Happy Prince</p> <p>Moments-The Last Leaf On a Killing Tree</p> <p>Moments-The Beggar</p>	<p>listens to announcements, instructions, read aloud texts, gist, and details;</p> <p>Develop the ability to read comprehensively in English.</p> <p>Appreciate words and their powers and travel to other realms through this poem.</p>	Spell Bee	<p>https://youtu.be/cgeiGc7XZ5U</p> <p>https://www.learnram.com/english-summary/the-last-leaf-summary/</p> <p>https://vrsolver.in/2021/10/07/the-beggar-class-9-explanation-line-by-line-cbse-english-chapter-10-ncert-moments-and-meaning-of-difficult-words/</p>

<p>02nd Dec – 21st Dec</p>	<p>16</p>	<p>Grammar- Reported speech</p> <p>Beehive-My Childhood</p> <p>No Men are Foreign</p>	<p>Understand important rules and basic grammar definitions.</p> <p>Understanding the layers of meanings.</p> <p>Read independently or silently at various speeds depending on the purpose of reading poetry</p>	<p>Group Discussion</p>	<p>https://www.learnbse.in/cbse-class-9-english-grammar-direct-indirect-speech/</p> <p>https://www.successcds.net/learn-english/class-9/my-childhood-class-9-cbse-english.html</p> <p>https://www.successcds.net/learn-english/class-9/no-men-are-foreign-class-9-english-poem.html</p>
<p>23rd Dec – 06th Jan '25</p>	<p>10</p>	<p>MOCK YEARLY EXAM</p>			
<p>7th Jan'25 – 18th Jan'25</p>	<p>09</p>	<p>BeehiveReach for the Top</p> <p>Beehive- Kathmandu</p>	<p>Develop an appreciation for the art form through regular reading and learning literature.</p> <p>Develop the ability to read comprehensively in English.</p>		<p>https://youtu.be/rLvVetSPcws</p> <p>https://www.successcds.net/learn-english/class-9/kathmandu-class-9-english-lesson.html</p>

20 th Jan'25 - 07 th Feb'25	16	Moments-A House is not a Home. Poem-A Slumber did my Spirit Seal. ehive-If I were You.	Enhance their critical thinking. Connect the issues in the poem they read to the world outside and think of possible solutions. Enhance the critical thinking	Listening Activity	https://www.learnbse.in/a-house-is-not-a-home-summary/ https://youtu.be/b7rXPpO7i20 https://www.successcds.net/learn-english/class-9/if-i-were-you-class-9-cbse-english.html
10 th Feb'25 -20 th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25		ANNUAL EXAM			

SUBJECT:HINDI (086)

Dates/ Week	Worki ngday s	SYLLABUSREFERENCE	LEARNINGOBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTSSHOULDBE ABLETO		
1 st April– 12 th April	10	स्पर्श (गद्यखंड): दुःखका अधिकार, पठितगद्यांश व्याकरण: अनुस्वार और अनुनासिक	पठनवलेखनकौशलकाविकास शब्दभंडारमेंवृद्धि हिंदीकेमानकरूपकाज्ञान हिंदीभाषाकेप्रतिरूचिका विकास	पठन-पाठनक्रिया इकाईविधि	https://youtu.be/yj67AdHcMpg
15 th April– 30 th April	14	गद्यखंड: एवेरेस्टमेरीशिखरयात्रा, अनुच्छेदलेखन, अपठितगद्यांश सूचनालेखन	निडरताकेसाथकठिनाइयोंकासामनाकरने कीसीख पठनवलेखनकौशलका विकास कल्पनाशक्तिकाविकास शब्दभंडारमेंवृद्धि	पठन-पाठनक्रिया सहचर्चाविधि	https://youtu.be/Wzlw05160D8

1 st May– 13 th May	10	स्पर्श (काव्यखंड): रैदासकेपद, गद्यखंड: तुमकबजाओगेअतिथि	लयबद्धताकेसाथपदोंकाउच्चारण कल्पनाशक्तिकाविकास शब्दभंडारमेंवृद्धि	पदोंकासस्वरवाच न गतिविधि: बहुविकल्पीयप्रश्न	पीपीटीद्वारापदोंकाप्रस्तुतीक रण
1 st July– 12 th July	11	स्पर्श (काव्यखंड): रहीमकेदोहे, पठितपद्यांश विज्ञापनलेखन	लयबद्धताकेसाथपदोंकाउच्चारण अभिव्यक्तिकाविकास	दोहोंकासस्वरवाचन इकाईविधि	पीपीटीद्वाराकविताकाप्रस्तु तीकरण
15 th July – 31 st July	14	व्याकरण: उपसर्ग, संचयन: गिल्लू, पठितगद्यांश, विज्ञापनलेखन	कल्पनाशक्तिकाविकास शब्दभंडारमेंवृद्धि पशु-पक्षियोंकेप्रतिप्रेमकाविकास पठनवलेखनकौशलकाविकास	पठन-पाठनक्रिया गतिविधि: बहुविकल्पीयप्रश्न	https://youtu.be/- HJ6ejlhxhk
1 st Aug– 14 th Aug	11	स्पर्श (काव्यखंड): गीत-अगीत, सूचनालेखन व्याकरण: प्रत्यय,	कविताकेसस्वरवाचनकाज्ञान कल्पनाशक्तिकाविकास शब्दभंडारमेंवृद्धि लेखनकौशलकाविकास	कविताकासस्वरवाचन सहचर्चाविधि	पीपीटीद्वाराकविताकाप्रस्तु तीकरण
16 th Aug– 31 st Aug	11	व्याकरण: स्वरसंधि, औपचारिकपत्र	शब्दभंडारमेंवृद्धि लेखनकौशलकाविकास हिंदीभाषाकेप्रतिरूचिकाविकास	आगमनविधिगतिविधि: बहुविकल्पीयप्रश्न	पीपीटीद्वाराव्याकरणपाठका प्रस्तुतीकरण

02 nd Sept – 07 th Sept	05	संचयन: स्मृति	कल्पनाशक्तिकाविकास शब्दभंडारमेंवृद्धि पठनवलेखनकौशलकाविकास	आगमनविधि पठन-पाठनक्रिया	पीपीटीद्वाराव्याकरणपाठकाप्र स्तुतीकरण
09 th Sept – 20 th Sept	10	REVISIONFOR MIDTERMEXAM			
23 rd SEPT – 7 th Oct	MIDTERMEXAM				
08 th Oct– 19 th Oct	06	व्याकरण: विरामचिह्न, अनुच्छेदलेखन	हिंदीभाषाकेशुद्धरूपमेंविरामचिह्नकीउपयो गिताकाज्ञान शब्दोंकेमाध्यमसेविचारोंकोप्रकटकरनेमेंस क्षम	आगमनविधि	पीपीटीद्वाराव्याकरणपाठका प्रस्तुतीकरण
21 st Oct– 08 th Nov	11	स्पर्श(गद्यखंड): वैज्ञानिकचेतनाकेवाहकचंद्रशेखरवें कटरामन, पठितगद्यांश	पठनवलेखनकौशलकाविकास शब्दभंडारमेंवृद्धि शब्दोंकेमाध्यमसेविचारोंकोप्रकटकरनेमेंस क्षम	पठन-पाठनक्रिया इकाईविधि	https://youtu.be/8O_pu9Se4xk
11 th Nov– 30 th Nov	16	स्पर्श (काव्यखंड): अग्नि- पथव्याकरण: शब्दऔरपद	कविताकेसस्वरवाचनकाज्ञान शब्दभंडारमेंवृद्धि निडरताकेसाथकठिनाइयोंकासामनाकरने कीसीख	कविताकासस्वरवाचन इकाईविधि	पीपीटीद्वाराकविताकाप्रस्तु तीकरण
02 nd Dec– 21 st Dec	16	स्पर्श (काव्यखंड): नएइलाकेमें, खुशबूरचतेहैहाथ संचयन: कल्लूकुम्हारकीउनाकोटी, व्याकरण: अर्थकीदृष्टिसेवाक्यभेद	कविताकेसस्वरवाचनकाज्ञान शब्दभंडारमेंवृद्धि पठनवलेखनकौशलकाविकास	कविताकासस्वरवाचन इकाईविधि पठन-पाठनक्रिया	पीपीटीद्वाराकविताकाप्रस्तु तीकरण https://youtu.be/DV9rKSlQC9s
23 rd Dec– 06 th Jan '25	10	MOCK YEARLY EXAM			

7 th Jan'25– 18 th Jan'25	09	स्पर्श(गद्यखंड):शुक्रतारेकेसमान, सूचनालेखन	पठनवलेखनकौशलकाविकास शब्दभंडारमेंवृद्धि	पठन-पाठनक्रिया सहचर्चाविधि	https://youtu.be/iD3_oSzZ87w
20 th Jan'25 - 07 th Feb'25	16	संचयन: मेराछोटा- सानिजीपुस्तकालय, अनौपचारिकपत्र	पठनवलेखनकौशलकाविकास शब्दभंडारमेंवृद्धि	पठन-पाठनक्रिया सहचर्चाविधि	https://youtu.be/e42cqlj0dFQ
10 th Feb'25 - 20 th Feb'25	10	REVISIONFORANNUALEXAM			
LAST WEEK OFFEB' 25		ANNUALEXAM			

SUBJECT :- PUNJABI(MAIN) (004)

Dates/ Week	Working days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1 st April – 12 th April	10	निੱਜੀ ਪੱਤਰ (ਮਿੱਤਰ/ ਸਹੇਲੀ), ਅਣਡਿੱਠਾ ਪੈਰਾ	ਇਸ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੱਤਰ/ਅਰਜ਼ੀ ਲਿਖਣ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਆਕਰਨ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ	ਬੋਲ-ਲਿਖਤ	https://youtu.be/Nmet5wGW0og
15 th April – 30 th April	14	ਕਹਾਣੀ - ਜਨਮ ਦਿਨ ਲਿੰਗ ਨਿੱਜੀ ਪੱਤਰ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਆਕਰਨ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ		https://youtu.be/Nmet5wGW0og
1 st May – 13 th May	10	ਵਿਰੋਧੀ , ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ ਕਵਿਤਾ- ਸਮਾਂ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਆਕਰਨ ਦੇ ਨਿਯਮਾਂ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ	ਵਰਗ ਪਹੇਲੀ	https://youtu.be/LYFEuTCK-c8

1 st July – 12 th July	11	ਵਾਰਤਕ - ਵਹਿਮੀ ਤਾਇਆ ਲੇਖ ਰਚਨਾ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਲੇਖ ਲਿਖਣ ਦੇ ਤਰੀਕੇ ਬਾਰੇ ਪਤਾ ਲੱਗੇਗਾ	ਚਿੱਤਰ ਵਰਣਨ	https://youtu.be/oQAfduE0Lk8
15 th July – 31 st July	14	, ਕਵਿਤਾ - ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ , ਵਾਰਤਕ - ਮੁੜ ਵੇਖਿਆ ਪਿੰਡ ਕਵਿਤਾ - ਮੈਂ ਪੰਜਾਬੀ,	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਸਾਖੀ ਦੇ ਮੇਲੇ ਅਤੇ ਪੁਰਾਣੇ ਪਿੰਡਾਂ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ।		https://youtu.be/oK8BWmiNCOQ
1 st Aug – 14 th Aug	11	ਸ਼ਬਦ ਸੁੱਧੀ, ਕਵਿਤਾ - ਮੈਂ ਪੰਜਾਬੀ, ਮੁਹਾਵਰੇ ਓ ਤੋਂ ਹ ਤੱਕ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਸ਼ਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ।	ਸੁਨਣ ਕੋਸ਼ਲ	
16 th Aug – 31 st Aug	11	ਕਹਾਣੀ -ਸਾਂਝੀ ਕੰਧ ,ਇਕਾਂਗੀ - ਮੈਨਧਾਰੀ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਸ਼ਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ	ਸਲੋਗਨ	https://youtu.be/YHba8R3eKHQ
02 nd Sept – 07 th Sept	05	ਵਿਸਮਿਕ ਲੇਖ ਰਚਨਾ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਆਕਰਨ ਦੇ ਨਿਯਮਾਂ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ		https://youtu.be/uVWMwLCEMkc
09 th Sept – 20 th Sept	10	REVISION FOR MID TERM EXAM			
23 rd SEPT – 7 th Oct	MID TERM EXAM				
08 th Oct – 19 th Oct	06	ਅਣਡਿੱਠਾਪੈਰਾ, ਕਵਿਤਾ - ਨਵੀਂ ਪੁਰਾਣੀ ਤਹਿਜ਼ੀਬ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਆਕਰਨ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ	ਪਾਠ ਪਠਨ ਦੇ ਅਧਾਰ ਤੇ ਗਤੀਵਿਧੀ	ਪਾਠ ਪੁਸਤਕ
21 st Oct – 08 th Nov	11	ਕਾਵਿ ਟੁਕੜੀ ਲੇਖਰਚਨਾ ਕਵਿਤਾ - ਮਾਤਾ ਗੁਜਰੀ ਜੀ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਸ਼ਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ		ਪਾਠ ਪੁਸਤਕ

11th Nov – 30th Nov	16	ਲਿੰਗ, ਤਸਵੀਰ ਦੇ ਆਧਾਰ ਤੇ ਵਰਣਨ, ਲੇਖ ਰਚਨਾ ਵਾਰਤਕ - ਬੇਬੇ ਜੀ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਆਕਰਨ ਦੇ ਨਿਯਮਾਂ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ। ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਸ਼ਬਦ ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ।	ਕਵਿਤਾ ਪਾਠ ਗਤੀਵਿਧੀ	https://youtu.be/tzLPjAxyvGI
02nd Dec – 21st Dec	16	ਕਿਰਿਆ, ਦਫ਼ਤਰੀ ਪੱਤਰ ਵਾਰਤਕ - ਖੁਸ਼ੀਆਂ ਆਪੇ ਨਹੀਂ ਆਉਂਦੀਆਂ	ਇਸ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੱਤਰ/ਅਰਜ਼ੀ ਲਿਖਣ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ। ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਆਕਰਨ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ।	ਸੁਲੇਖ	https://youtu.be/nrDiXdpc47A
23rd Dec – 06th Jan '25	10		MOCK YEARLY EXAM		https://youtu.be/QSVuGNGjVwY
7th Jan '25 – 18th Jan '25	09	ਮੁਹਾਵਰੇ (ਏ, ਸ, ਹ) ਕਹਾਣੀ - ਬੱਸ ਕੰਡਕਟਰ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਆਕਰਨ ਦੇ ਨਿਯਮਾਂ ਦਾ ਗਿਆਨ ਹੋਵੇਗਾ।	ਅਣਡਿੱਠਾ ਪੈਰਾ	https://youtu.be/OUZ9OENZnTk
20th Jan '25 - 07th Feb '25	16	ਇਕਾਂਗੀ – ਸਿਰਜਣਾ ਵਿਰੋਧੀ, ਸੁੱਧ, ਵਿਸਮਿਕ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਔਰਤ ਦੀ ਮਾਨਸਿਕਤਾ ਬਾਰੇ ਗਿਆਨ ਹੋਵੇਗਾ।	ਰੋਲ ਪਲੇ	https://youtu.be/Rq8IJ7LDLhA https://youtu.be/uVWMwLCEMkc
10th Feb '25 -20th Feb '25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 24		ANNUAL EXAM			

SUBJECT:MATHEMATICS (041)

Dates/ Week	Worki ngday s	SYLLABUSREFERENCE	LEARNINGOBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTSSHOULDBE ABLETO		
1 st April– 12 th April	10	CH 1 REAL NUMBERS	<ol style="list-style-type: none"> 1. Gain the knowledge of various types of numbers which constitute the Real number system 2. Explore the relation between various types of numbers. 3. Learn to insert rational numbers between two rational numbers. 4. Learn to represent irrational numbers like $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$ etc on the number line. 	<p>MATHS LAB ACTIVITY:</p> <p>Square Root Spiral</p> <p>Quiz on Kahoot Topic: Real Number System</p>	<p>How to plot $\sqrt{2}$, $\sqrt{3}$ on number line: https://www.youtube.com/watch?v=2bMKu1CXyB0</p>
15 th April– 30 th April	14	CH 1 REAL NUMBERS (contd.)	<ol style="list-style-type: none"> 1. Find the decimal expansion of real numbers and differentiate between a rational and irrational number on this basis. 2. Learn to insert irrational numbers between two rational numbers. 3. Learn addition, subtraction, multiplication & division of real numbers 4. Learn the method of rationalising the denominator of a rational number. 5. Extend laws of exponents for negative exponents too and apply laws of exponents in calculations involving exponents. 		<p>NCERT TEXTBOOK NCERT EXEMPLAR XAM IDEA MODULES ON DIKSHA PLATFORM</p>
1 st May– 13 th May	10	CH 3 COORDINATE GEOMETRY CH 10 HERON'S FORMULA	<ol style="list-style-type: none"> 1. Understand the Cartesian coordinate plane, x-axis, y-axis, origin, abscissa, ordinate and different quadrants. 2. Describe points in the plane. 3. Recognise the presence of coordinate system in everyday life. <ol style="list-style-type: none"> 1. Recall triangle and area of triangle. 2. Understand Heron's formula for 	<p>MATHS LAB ACTIVITY:</p> <p>Find the values of abscissa and ordinate of the given points</p>	

			<p>finding Area of a triangle.</p> <p>3. Determine area of a triangle whose sides are given.</p> <p>4. Apply Heron's formula in daily life.</p>		
1 st July– 12 th July	11	CH 6 LINES AND ANGLES	<p>1. Recognize and define line, line segments and rays.</p> <p>2. Identify obtuse, acute and right angles.</p> <p>3. Understand parallel and perpendicular lines.</p> <p>4. Apply theorems and axioms to solve problems.</p> <p>5. Co-relate lines and angles with the natural world.</p>	POWER POINT PRESENTATION	NCERT TEXTBOOK NCERT EXEMPLAR XAM IDEA MODULES ON DIKSHA PLATFORM
15 th July – 31 st July	14	CH 7 TRIANGLES	<p>1. Recall different types of triangles and their properties.</p> <p>2. Draw different types of triangles.</p> <p>3. Understand different congruence conditions of triangles.</p>		NCERT TEXTBOOK NCERT EXEMPLAR XAM IDEA MODULES ON DIKSHA PLATFORM
1 st Aug– 14 th Aug	11	CH 7 TRIANGLES (contd.)	<p>1. Understand different congruence conditions of triangles.</p> <p>2. Prove theorems and solve problems.</p>	<p>MATHS LAB ACTIVITY: To verify experimentally the different criteria for congruency of triangles using triangular cut outs.</p>	NCERT TEXTBOOK NCERT EXEMPLAR XAM IDEA MODULES ON DIKSHA PLATFORM
16 th Aug– 31 st Aug	11	CH 4 LINEAR EQUATIONS IN TWO VARIABLES	<p>1. Understand the concept of linear equation in one variable and linear equation in two variables.</p> <p>2. Know the representation of the number line in one variable and in two variables.</p>	<p>MATHS LAB ACTIVITY: To obtain a linear equation and draw a graph which represents the linear equation.</p>	NCERT TEXTBOOK NCERT EXEMPLAR XAM IDEA MODULES ON DIKSHA PLATFORM

02 nd Sept – 07 th Sept	05	CH 4 LINEAR EQUATIONS IN TWO VARIABLES (contd.)	1. Frame the linear equation for given word problem of daily life. 2. Find the solutions of linear equation in two variables.		NCERT TEXTBOOK NCERT EXEMPLAR XAM IDEA MODULES ON DIKSHA PLATFORM
09 th Sept – 20 th Sept	10	REVISION FOR MIDTERM EXAM			
23 rd SEPT – 7 th Oct	MIDTERM EXAM				
08 th Oct– 19 th Oct	06	CH 2 POLYNOMIALS	1. Acquire the knowledge of algebraic expression and algebraic identities. 2. Differentiate between algebraic expression and polynomials. 3. Explore types of polynomials on the basis of terms and on the basis of their degrees 4. Define zeroes and coefficients of polynomials.		NCERT TEXTBOOK NCERT EXEMPLAR XAM IDEA MODULES ON DIKSHA PLATFORM
21 st Oct– 08 th Nov	11	CH 2 POLYNOMIALS (contd.)	1. Understand Factor theorem and apply to solve questions. 2. Learn and apply algebraic identities. 3. Extend the learning by the application and verification of some identities.	MATHS LAB ACTIVITY: To verify the identity $(a+b+c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$	TEXTBOOK NCERT EXEMPLAR XAM IDEA MODULES ON DIKSHA PLATFORM
11 th Nov– 30 th Nov	16	CH 8 QUADRILATERALS	1. Recall different types of quadrilaterals and their properties 2. Identify different quadrilaterals and design them under given conditions. 3. Explore similarity and difference between different quadrilaterals. 4. Apply different theorems of quadrilaterals in solving the problems. 5. Apply Mid Point Theorem and use it to solve problems.	MATHS LAB ACTIVITY: To verify the Mid Point Theorem for a triangle using paper cutting and pasting.	Introduction of Quadrilaterals: https://www.youtube.com/watch?v=CXNIUvoEiIM

20 th Jan'25 - 07 th Feb'25	16	CH 12 STATISTICS	1. Recall the basic terms of statistics. 2. Understand how to draw a bar graph, histogram and frequency polygon. 3. Determine and explain which graph is suitable for the given data.	MATHS LAB ACTIVITY: Draw histograms for classes of equal widths and varying widths	TEXTBOOK NCERT EXEMPLAR XAM IDEA MODULES ON DIKSHA PLATFORM
10 th Feb'25 -20 th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OFF FEB' 25		ANNUAL EXAM			

SUBJECT: SCIENCE (086)

BIOLOGY

Dates/ Week	Worki ng day s	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENT SHOULD BE ABLE TO		
1 st April – 12 th April	10	CH- 5: THE FUNDAMENTAL UN IT OF LIFE Cell Prokaryotic cell Eukaryotic cell	(i) Define cell, classify organism as unicellular & multicellular. (ii) Identify the structural difference between prokaryotes and eukaryotes. (iii) Observe the cell and analyze the variety in cell structure.	To study different unicellular organisms like Amoeba, paramecium and Spirogyra	https://youtu.be/vPvCm83GYuU
15 th April – 30 th April	14	CH- 5 THE FUNDAMENTAL UNIT OF LIFE Plant and Animal Cell	(i) Differentiate between plant and animal cell (ii) Develop the skill to identify the different types of solutions and their effect on the cell. (iii) Analyze the use of endosmosis and exosmosis processes	To study the process of osmosis using potato osmometer. To study the process of plasmolysis in leaf epidermal peel of Rhoeo or Tradescantia plant	https://youtu.be/et2xEV7K-50 https://youtu.be/et2xEV7K-50

<p>1st May – 13th May</p>	<p>10</p>	<p>CH-5: THE FUNDAMENTAL UNITS OF LIFE Cell membrane Cell wall Diffusion and Osmosis Cell Organelles</p>	<p>(i) Explain structure of cell constituents (cell membrane, cell wall, cytoplasm & cell organelles). (ii) Co-relate the functions of cell organelles. (iii) Explain how all these perform function for proper functioning of the cell.</p>	<p>Preparation of stained temporary mounts of (a) Onion peel (b) Human cheek cells</p>	<p>https://youtu.be/dsYW6iWM4iA</p>
<p>1st July – 12th July</p>	<p>11</p>	<p>CH-6 TISSUES Plant Tissue (Meristematic)</p>	<p>(i) Understand the division of labour concept. (ii) Understand the importance of tissues. (iii) Locate the Meristematic tissues and understand their functions.</p>	<p>To study the tissue responsible for growth in plants using onion bulbs.</p>	<p>https://youtu.be/wAGJGCftuvM</p>
<p>15th July – 31st July</p>	<p>14</p>	<p>CH-6 TISSUES Plant Tissue - Simple Permanent tissue Parenchyma Collenchyma Sclerenchyma</p>	<p>(i) Observe and differentiate between the structures of parenchyma, collenchyma and sclerenchyma. (ii) Sketch and label the structures of parenchyma, collenchyma and sclerenchyma tissues.</p>	<p>Identification of Parenchyma, collenchyma and Sclerenchyma tissues in plants, from prepared slides.</p>	<p>https://youtu.be/bzEFI68emfk</p>
<p>1st Aug – 14th Aug</p>	<p>11</p>	<p>CH-6 TISSUES Protective tissues (Cork and Epidermis)</p>	<p>(i) Analyze the characteristics of protective tissues and understand their roles. (ii) Differentiate between Cork and epidermis</p>	<p>To study the structure and function of Epidermis and other protective tissues</p>	<p>https://youtu.be/ksMOC3US0Gw</p>
<p>16th Aug – 31st Aug</p>	<p>11</p>	<p>CH-6 TISSUES COMPLEX PERMANENT TISSUE (XYLEM AND PHLOEM)</p>	<p>Analyze the characteristics of xylem and phloem tissues and understand their roles in transportation of substances in plants.</p>	<p>To show that xylem helps in conduction of water in plants using white coloured flowers and dye.</p>	<p>https://youtu.be/FvWPbGllICI</p>

2 nd Sept– 7 th Sept	5	CH-6 TISSUES Animal Tissue (Epithelial and Connective Tissue)	Analyze the difference in the structure of animal tissues and understand their roles	Identification of Epithelial and connective tissue in animals, from prepared slides.	https://youtu.be/TxxsmTFoggA
9 th Sept– 20 th Sept	10	REVISION FOR MIDTERM EXAM			
23 rd SEPT– 7 th Oct		MIDTERM EXAM			
8 th Oct– 19 th Oct	6	CH-6 TISSUES Animal Tissue (Nervous & Muscular)	Analyze the difference in the structure of animal tissues and understand their roles.	Identification of striped, smooth and cardiac muscle fibres in animals, from prepared slides	https://youtu.be/LD37JEfCLP8
21 st Oct– 8 th Nov	11	CH- 15 IMPROVEMENT IN FOOD RESOURCES Types of crops Improving crop yield	(i) Understand the basic concept of improvement in food resources. (ii) Know about how to improve the crop yield	To study the crop plants with the help of herbarium	https://youtu.be/2wFN9YmkBOQ
11 th Nov– 30 th Nov	16	CH- 15 IMPROVEMENT IN FOOD RESOURCES Crop variety improvement factors for which crop variety improvement is done	(i) Understand the meaning of crop variety improvement. (ii) State the factors for which crop variety improvement is done.	To show the technique of hybridization and the production of genetically modified crops.	https://youtu.be/F_HxndmVvvc
2 nd Dec – 21 st Dec	16	CH- 15 IMPROVEMENT IN FOOD RESOURCES Crop production: nutrient management	Understand about the importance of nutrition in plants and its management.	To identify the various nutrients required for growth of plants	https://youtu.be/TJ8tiMCiWAM
23 rd Dec-6 TH		CH-15 IMPROVEMENT IN	(i) Understand the methods involved in enriching the soil to increase the yield. (ii) Differentiate between the manure and fertilizer.	To study the common	https://youtu.be/mn8K8q1lC2s

JAN	10	FOODRESOURCES irrigationandcroppingpattern	Understand some methods of irrigationUnderstandsomemethodsof irrigation	weeds and insect pests oflocalfields.	
7thJan'25– 18thJan'25	09	CH- 15IMPROVEMENTINFOODR ESOURCES Crop variety improvementHybridisa tion Geneticallymodifiedcrops	(i) State thereasonsforwhichCropvarietyimprov ementis done. (iii) Understand the technique ofHybridisation.	Visit to a nearby farmand ask from farmerabout duration, growthpattern root pattern,nutrients, waterneeds aboutcropcombinations.	https://youtu.be/FAiIxWtO19Y
20thJan'25- 7thFeb'25	16	CH-15 IMPROVEMENT IN FOODRESOURCES Manure and fertilizerAnimalhusband ary:cattle farming, poultry,fish productionandbee keeping	(i) Understand about the mixed croppingandcroprotationandits importance. (ii) Know about the crop productionmanagement. (iii) Understand the needs of animalhusbandary. Understand about the cattle farming,fisheries,poultryandbeekeeping.	To study a poultry farm.Making personalobservations regardingthe types of breedsresent there. Noticingthe facilities given tobirds. List some diseasesfrom which poultryanimals suffer and thepreventive measuresbeingtakenby owner.To study the activities of afishfarm.	https://youtu.be/jscHbXWSi9A
10thFeb'25- 20ndFeb'25	10	REVISIONFORANNUALEXAM			
LAST WEEK OFFEB' 25		ANNUALEXAM			

CHEMISTRY

Dates/ Week	Worki ngday s	SYLLABUSREFERENCE	LEARNINGOBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTSSHOULDBE ABLETO		
1 st April– 12 th April	10	Chapter 1: Matter in Our Surroundings	(i) define matter. (ii) describe the characteristics of particles of matter.	<ul style="list-style-type: none"> • to dissolve sugar or salt in water and observe changes • to dissolve potassium permanganate crystals in water and observe its effects in different volumes 	https://youtu.be/O3mXx9I6UBs
15 th April– 30 th April	14	Chapter 1: Matter in Our Surroundings	(i) differentiate between three states of matter on the basis of rigidity, shape and density. (ii) tell how states can be interconverted	<ul style="list-style-type: none"> • to study the process of melting of ice to water and boiling of water to water vapours 	https://youtu.be/LPNIDrr8EFc
1 st May– 13 th May	10	Chapter 1: Matter in Our Surroundings	(i) to define the process of evaporation, condensation and deposition. (ii) (ii) to cite examples of evaporation from day to day life	<ul style="list-style-type: none"> • to study sublimation process using ammonium chloride 	https://youtu.be/BUXfH8YiRTE
1 st July– 12 th July	11	Chapter 2: Is Matter Around Us Pure?	(i) define elements, compounds and mixtures.		https://youtu.be/2hwU9-ivltk

15 th July – 31 st July	14	Chapter 2: Is Matter Around Us Pure?	(i)know various characteristics of various types of mixtures i.e. solutions, suspensions and colloids. (ii)differentiate between physical and chemical changes with examples	To study solubility of salt in water	https://youtu.be/j6A7_jgCCIA
1 st Aug– 14 th Aug	11	Chapter 2: Is Matter Around Us Pure?	(i) differentiate between homogeneous and heterogeneous mixtures	•daily life examples to show difference between homogeneous and heterogeneous mixtures	
16 th Aug– 31 st Aug	11	Chapter 2: Is Matter Around Us Pure?	(i) Numerical based on Solutions		
02 nd Sept– 07 th Sept	05	Chapter 2: Is Matter Around Us Pure?	(i) Difference between physical and chemical changes		
09 th Sept – 20 th Sept	10	REVISIONFOR MIDTERMEXAM			
23 rd SEPT – 7 th Oct	MIDTERMEXAM				

08 th Oct– 19 th Oct	06	Chapter 3: Atoms and Molecules	(i) know the basic difference between atoms and molecules	•to study the law of conservation of mass	https://youtu.be/1BIepAdyzME
21 st Oct– 08 th Nov	11	Chapter 3: Atoms and Molecules	(i) tell atomic number		https://youtu.be/5VA8NZuAn6Y
11 th Nov– 30 th Nov	16	Chapter 3: Atoms and Molecules	(i) define valency (ii) define atomic and molecular masses (iii) calculate formula unit mass	•to develop chemical formulas from the concept of valency	https://youtu.be/cY21dbLd5JE https://youtu.be/joU4m0-SM_M
02 nd Dec– 21 st Dec	16	Chapter 4: Structure of Atom	(i) know the development of structure of atom (ii) differentiate between electron, proton and neutron.	YouTube video	https://youtu.be/XhL-44RFiJQ
23 rd Dec– 06 th Jan '25	10	MOCK YEARLY EXAM			
7 th Jan'25– 18 th Jan'25	09	Chapter 4: Structure of Atom	(i) define and calculate valency. (ii) draw structure of first 20 elements of periodic table	YouTube video	https://youtu.be/5Jjr4I1ICkc
20 th Jan'25 - 07 th Feb'25	16	Chapter 4: Structure of Atom	(i) define isotopes and isobars (ii) applications of isotopes	YouTube video	https://youtu.be/ggJW1g0nCxQ
10 th Feb'25 -20 th Feb'25	10	REVISIONFORANNUALEXAM			
LAST WEEK OFFEB' 25		ANNUALEXAM			

PHYSICS

Dates/ Week	Work ing days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1 st April – 12 th April	10	CH-8 MOTION along a straight line Uniform motion and non-uniform motion Speed with direction	(i) Differentiate between uniform and non-uniform motion. (ii) Understand the concept of distance and displacement.	To find out how the mass of an object effect the speed and acceleration of the body.	https://youtu.be/21BwUNDOQno
17 th April – 29 th April	14	CH-8 MOTION Rate of change of velocity Geographical representation of motion equation of motion by geographical method uniform circular motion	(i) Understand about distance time and velocity time graph. (ii) Understand about acceleration, equation of motion and uniform circular motion. (iii) Solve numerical based on equations of motion	Draw distance-time and velocity-time graphs for the data provided.	https://youtu.be/uYOTUwm4W6o
1 st May – 13 th May	10	CH-9 FORCE AND LAWS OF MOTION Balanced and unbalanced force Newton's first law of motion Inertia and momentum	(i) Understand the concept of balanced and unbalanced force. (ii) Understand the concept of inertia, momentum and force. (iii) Derive the mathematical expression of force. (iv) Differentiate between the balanced and unbalanced force. (v) Understand the Newton's law of motion.	(i) To show that large force is needed to push the heavy object as compare to the lighter object as it has more inertia. (ii) To show the flicking of card and coin to explain inertia.	https://youtu.be/xkLGXe_al6g

1 st July – 12 th July	11	CH-9 FORCE AND LAWS OF MOTION Second law of motion Third law of motion	<ul style="list-style-type: none"> (i) State the statement of the laws of motion (ii) Understand the application of the law of motion (iii) Understand the law of conservation of momentum 	To demonstrate the conservation of momentum using balloon and glass tube.	https://youtu.be/CEz3cpkno3Y
15 th July – 31 st July	14	CH-9 FORCE AND LAWS OF MOTION Law of conservation of momentum	<ul style="list-style-type: none"> (i) Derive the expression for the law of conservation of momentum. (ii) Solve numerical related to the concept. 	To show action and reaction forces using spring balance.	https://youtu.be/BlgPnnwUNOQ
1 st Aug – 14 th Aug	11	CH-10 GRAVITATION Universal law of gravitation The concept of free fall	<ul style="list-style-type: none"> (i) Understand the concept of gravity and universal law of gravitation. (ii) Derive the mathematical expression of universal law of gravitation. 	Analysing the factors affecting the force of gravitation.	https://youtu.be/WTBwOIjrzZk
16 th Aug – 31 st Aug	11	CH-10 GRAVITATION Acceleration due to gravity Force of gravity on moon Mass and weight	<ul style="list-style-type: none"> (i) Understand the concept of acceleration due to gravity. (ii) Differentiate between the weight and mass. 	To study measurement of mass and weight using Spring balance and Digital balance.	https://youtu.be/8BiDPVxenRE
02 nd Sept – 07 th Sept	05	CH-10 GRAVITATION Acceleration due to gravity Force of gravity on moon Mass and weight	Understand the application of gravity.	To study measurement of mass and weight using Spring balance and Digital balance.	https://youtu.be/8BiDPVxenRE

09th Sept – 20th Sept	10	REVISION FOR MID TERM EXAM			
23rd SEPT – 7th Oct		MID TERM EXAM			
08th Oct – 19th Oct	6	CH-10 GRAVITATION Thrust and pressure Buoyancy and fluid why some object float or sink Density of object and fluids Archimedes' principle Application of Archimedes' principle Relative density	<ul style="list-style-type: none"> (i) Understand the concept of pressure exerted by fluids and buoyancy. (ii) Understand why some objects float or sink? (iii) Apply the concept of Archimedes' principle. (iv) Calculate the density and relative density of an object. 	To verify Archimedes principle. To show that the weight of an object decreases when immersed in the water (buoyant force).	https://youtu.be/iEV SqbGfx4k
21st Oct – 08th Nov	11	CH-11 WORK AND ENERGY The scientific concept of work Negative and the positive work done	<ul style="list-style-type: none"> (i) Understand the concept of work done. (ii) Differentiate between the negative and the positive work done. 	Give practical examples of positive, negative and zero work done.	https://youtu.be/jUB BGOclsHA
11th Nov – 30th Nov	16	CH-11 WORK AND ENERGY Source of energy and the forms of the energy kinetic energy and its mathematical formulation	<ul style="list-style-type: none"> (i) Give examples of objects possessing kinetic energy. (ii) Derive the formula for Kinetic energy. (iii) Solve numerical related to the concept of kinetic energy. 	To show that a moving object can do work and thus possess energy.	https://youtu.be/pmBR9pitzRk
02nd Dec – 21st Dec	16	CH-11 WORK AND ENERGY Potential energy of an object at a height Law of	<ul style="list-style-type: none"> (i) Give examples of objects possessing potential energy. (ii) Derive the formula for potential 	To study the transformation of energy using a spring and bow and arrow. To study the energy	https://youtu.be/yeay YXS-Z4Q

		conservation of energy	energy. (iii) Solve numerical related to the concept of potential energy.	changes in hydroelectric power plants	
23rd Dec – 06th Jan '25	10	MOCK YEARLY EXAM			
7th Jan'25 – 18th Jan'25	09	CH-11 WORK AND ENERGY Concept of power Commercial unit of energy	(i) Understand the factors influencing power. (ii) Compare the power of different electrical appliances.	To find out the readings of the electric meter of your house and thus calculate the monthly electricity bill of your house.	https://youtu.be/bN46U91trlM
20th Jan'25 - 07thFeb'25	16	CH-12 SOUND Production Sound Propagation of sound Concept of sound ; Types of wave: Longitudinal and Transverse Wave Sound: Longitudinal wave and its component Characteristic of longitudinal wave Speed of sound in different media	(i) Differentiate between the longitudinal and transverse waves. (ii) Understand the different characteristic of sound: frequency, time period, amplitude, wavelength and speed of sound. (iii) Understand the concept of rarefaction and compression. (iv) Analyse the speed of sound in different media by solving numerical	To observe sound vibrations produced by the tuning fork in water. To check the transverse and longitudinal wave form by slinky.	https://youtu.be/dopAvVFW754 https://youtu.be/GIkeGBXqWW0
10th Feb'25 -20th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25		ANNUAL EXAM			

SUBJECT: SOCIAL SCIENCE(087)

Dates/ Week	Workin g days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1 st April – 12 th April	10	L-1 What is Democracy? Why Democracy? What is Democracy? Features of Democracy Why Democracy? Broader Meanings of Democracy	Develop conceptual skills of defining democracy. Understand how different historical processes and forces have promoted democracy. Develop a sophisticated defense of democracy against common prejudices. Develop a historical sense of the choice and nature of democracy in India.	Debate on Democracy & Dictatorship	https://www.youtube.com/watch?v=b5c724ooMg&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=8
15 th April – 30 th April	14	L- 1 : India Location Size & Location India and the World India’s Neighbours	Identify the location of India in the Indian subcontinent	Map Activity : India- States with Capitals, Tropic of Cancer, Standard Meridian	https://www.youtube.com/watch?v=kO7KpL5IFoQ&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=2
		L-1:The Story of Village Palampur Overview Organization of Production Farming in Palampur, Non- farm activities in Palampur (To be assessed as part of periodic Assessment only)	Familiarize with basic economic concepts through an imaginary story of a village	Comparison of Urban and Rural Life	https://www.youtube.com/watch?v=d4JDpbqSdFg&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=22
1 st May – 13 th May	10	L-2 :Constitutional Design: Democratic Constitution in South Africa Why do we need a Constitution? Making of the Indian	Understand the process of Constitution making Develop respect for the Constitution and appreciation for Constitution Values	Scrap Book on Nelson Mandela or Mahatma Gandhi	https://www.youtube.com/watch?v=AJvOl-3IUOg&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=9

		Constitution Guiding Values of the Indian Constitution			
1st July – 12th July	11	L-2 :Physical Features of India: Major Physiographic Divisions – Himalayan Mountains, Northern Plains, Peninsular Plateau, Indian Desert, Coastal Plains, Islands	Understand the major landform features and the underlying geological structure; their association with various rocks and minerals as well as nature of soil types.	Map Activity : Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats Mountain Peaks – K2, Kanchan Junga, Anai Mudi Plateau - Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau Coastal Plains - Konkan, Malabar, Coromandel & Northern Circar	https://www.youtube.com/watch?v=b4nhO0X5nT0&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=3
15th July – 31st July	14	L-1 :The French Revolution: French Society During the Late Eighteenth Century The Outbreak of the Revolution France Abolishes Monarchy and Becomes a Republic Did Women have a Revolution? The Abolition of Slavery The Revolution and Everyday Life	Familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it. Know the use of written, oral and visual material to recover the history of revolutions	Map Activity : Outline Political Map of France Bordeaux Nantes Paris Marseilles	https://www.youtube.com/watch?v=gY-7kUIOmns

		<p>L-3 :Drainage in India : Concept Drainage Systems in India The Himalayan Rivers - Ganga and Brahmaputra River System The Peninsular Rivers- Narmada Basin, Tapti Basin, Godavari Basin, Mahanadi Basin, Krishna Basin, Kaveri Basin Lakes Role of Rivers in the Economy River Pollution</p>	<p>Identify the river systems of the country and explain the role of rivers in the human society</p>	<p>Map activity : Rivers: (Identification only) The Himalayan River Systems-The Indus, The Ganges, and The Satluj The Peninsular rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi Lakes: Wular, Pulicat, Sambhar, Chilika</p>	<p>https://www.youtube.com/watch?v=DMgPamV3TuY&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=4</p>
<p>1stAug – 14thAug</p>	<p>11</p>	<p>L-2 :People as Resource: Overview Economic Activities by Men and Women Quality of Population Unemployment</p>	<p>Understand the demographic concepts. Understand how population can be an asset or a liability for the nation</p>	<p>Debate on Population Explosion</p>	<p>https://www.youtube.com/watch?v=rcEI6bc38I&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=22</p>
		<p>L-3: Electoral Politics: Why Elections? What is our System of Elections? What makes elections in India democratic?</p>	<p>Understand representative democracy via competitive party politics. Familiarize with Indian electoral system. Reason out for the adoption of present Indian Electoral System. Develop an appreciation of citizen's increased participation in electoral politics. Recognize the significance of the Election Commission</p>	<p>Poster Making</p>	<p>https://www.youtube.com/watch?v=3a4akfp_5rw&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=10</p>
<p>16th Aug – 31st Aug</p>	<p>11</p>	<p>L-2 :Socialism in Europe and the Russian Revolution:</p>	<p>Explore the history of socialism through the study of Russian Revolution.</p>	<p>Map Activity : Outline Political Map of World (For locating</p>	<p>https://www.youtube.com/watch?v=132rQEcXhV0</p>

		The Age of Social Change The Russian Revolution The February Revolution in Petrograd	Familiarize with the different types of ideas that inspired the revolution.	and labeling/ Identification) Major countries of First World War (Central Powers and Allied Powers)	
2 nd Sept – 7 th Sept	5	Socialism in Europe and the Russian Revolution: What Changed after October? The Global Influence of the Russian Revolution and the USSR	Explore the history of socialism through the study of Russian Revolution. Familiarize with the different types of ideas that inspired the revolution.	Map Activity : Central Powers - Germany, Austria-Hungary, Turkey (Ottoman Empire) Allied Powers - France, England, Russia, U.S.A.	https://www.youtube.com/watch?v=132rQEcxHv0
9 th Sept – 20 nd Sept	10	REVISION FOR MID TERM EXAM			
23 rd SEPT – 7 th Oct	MID TERM EXAM				
8 th Oct – 19 th Oct	6	L-4 : Climate: Concept Climatic Controls Factors influencing India's climate – Latitude, Altitude, Pressure and Winds (excluding Jet Streams and Western Cyclonic Disturbances and related figures) The Seasons – Cold Weather Season, Hot Weather Season, Advancing Monsoon, Retreating/Post Monsoons Distribution of Rainfall Monsoon as a unifying bond	Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of the people. Explain the importance and unifying role of monsoons	Map Activity : Areas receiving rainfall less than 20 cm and over 400 cm (Identification only)	https://www.youtube.com/watch?v=qJmg7qzUVGM&list=PLW9kB_HKs3OZKJQnu9ldF-GLCMmuh9UG&index=5

<p>21th Oct – 8th Nov</p>	<p>11</p>	<p>L-3 : Poverty as a Challenge Overview Two typical cases of Poverty Poverty as seen by Social Scientists Poverty Estimates Vulnerable Groups Interstate Disparities Global Poverty Scenario Causes of Poverty Anti-Poverty measures The Challenges Ahead</p>	<p>Understand poverty as a challenge. Identify vulnerable group and interstate disparities. Appreciate the initiatives of the government to alleviate poverty.</p>	<p>Slogan writing</p>	<p>https://www.youtube.com/watch?v=xDxMvUh2e48&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=23</p>
<p>11th Nov – 30TH Nov</p>	<p>16</p>	<p>L-5 : Natural Vegetation and Wild Life: Types of Vegetation – Tropical Evergreen Forests, Tropical Deciduous Forests, Thorn Forests and Shrubs, Montane Forests, Mangrove Forests Wild Life</p>	<p>Natural Vegetation and Wild Life: Types of Vegetation – Tropical Evergreen Forests, Tropical Deciduous Forests, Thorn Forests and Shrubs, Montane Forests, Mangrove Forests Wild Life</p>	<p>Map Activity : Vegetation Type: Tropical Evergreen Forest, Tropical Deciduous Forest, Thorn Forest, Montane Forests and Mangrove- For identification only National Parks: Corbett, Kaziranga, Ranthambor, Shivpuri, Kanha, Simlipal & Manas Bird Sanctuaries: Bharatpur and Ranganthitto Wild Life Sanctuaries: Sariska, Mudumalai, Rajaji, Dachigam (Location and Labelling)</p>	<p>https://www.youtube.com/watch?v=T1msKGh3Hjg&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=5</p>
<p>2nd Dec – 21st Dec</p>	<p>16</p>	<p>L-4 : Working of Institutions: How is the major policy</p>	<p>Get an overview of central governmental structures Identify the role of Parliament and</p>	<p>Chart Making</p>	<p>https://www.youtube.com/watch?v=kgQ5aRQq_M0&list=PLW9kB_HKs3</p>

		<p>decision taken? Parliament Political Executive The Judiciary</p>	<p>its procedures. Distinguish between political and permanent executive authorities and functions. Understand the parliamentary system of executive's accountability to the legislature. Understand the working of Indian Judiciary</p>		<p>OZKJQnu9ldF-GLCMmuh9UG&index=11</p>
		<p>L-5 : Population: · Population Size and Distribution India s Population Size and Distribution by Numbers, India s Population Distribution by Density Population Growth and Processes of Population Change Population Growth, Processes of Population Change/Growth</p>	<p>Analyse the uneven nature of population distribution and show concern about the large size of our population</p>	<p>Debate on Population Explosion</p>	<p>https://www.youtube.com/watch?v=BUQhZXm3nuM&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=6</p>
		<p>L-5: Democratic Rights: Life without Rights Rights in a Democracy Rights in the Indian Constitution Expanding scope of rights</p>	<p>Recognize the need for rights in one's life. Understand the availability /access of rights in a democratic system/government. Identify and be able to comprehend the Fundamental Rights given by the Indian Constitution to its citizens. Create awareness regarding the process of safeguarding rights.</p>	<p>Poster Making</p>	<p>https://www.youtube.com/watch?v=hEsOkMiT0gk&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=12</p>
<p>23rd Dec – 6th Jan '25</p>	<p>10</p>	<p>MOCK YEARLY EXAM</p>			

7 th Jan'25 – 18 th Jan'25	09	L-4: Food Security in India: <ul style="list-style-type: none"> · Overview · What is Food Security? · Why Food Security? · Who are food insecure? · Food Security in India · What is Buffer Stock? · What is the Public Distribution System? · Current Status of Public Distribution System 	<p>Understand the concept of food security.</p> <p>Appreciate and analyse the role of government in ensuring food supply</p>	Scrap Book on Food Security	https://www.youtube.com/watch?v=Y5xuyGkxwHg&list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG&index=24
20 th Jan'25 - 7 th Feb'25	16	L-3 : Nazism and the Rise of Hitler: <p>Birth of the Weimar Republic Hitler s Rise to Power The Nazi Worldview Youth in Nazi Germany Ordinary People and the Crimes Against Humanity</p>	<p>Discuss the critical significance of Nazism in shaping the politics of modern world.</p> <p>Get familiarized with the speeches and writings of Nazi Leaders.</p>	Map Activity : Outline Political Map of World (For locating and labeling / Identification) Major countries of Second World War Axis Powers – Germany, Italy, Japan ; Allied Powers – UK, France, Former USSR, USA Territories under German expansion (Nazi Power) Austria, Poland, Czechoslovakia (only Slovakia shown in the map), Denmark, Lithuania, France, Belgium	https://youtu.be/8UVB0AD016I?list=PLW9kB_HKs3_OZKJQnu9ldF-GLCMmuh9UG
		L-4 : Forests Society & Colonialism <p>Why Deforestation? The Rise of Commercial</p>	<p>Understand the importance of forest products in our life.</p> <ul style="list-style-type: none"> • Identify forest products out of various other products. • Understand the relationship 	Debate: A debate may be organized on the following topic: a) Deforestation is necessary for	https://youtu.be/https://youtu.be/GH_cVPAbRJ4/GH https://youtu.be/cVPAbRJ4//youtu.be/GH_cVPAbR

		Forestry Rebellion in the Forest Forest Transformation in Java (Interdisciplinary project as part of multiple assessment – Internally assessed for 5 marks)	between forests and livelihood. • Comprehend the changes in forest societies under colonialism. • Case study as source material and to compare the effects of colonialism in India and Indonesia	development.	J4
		L-5: Pastoralists in the Modern World Pastoral Nomads and their Movements Colonial Rule and Pastoral Life Pastoralism in Africa (To be assessed as part of periodic Assessment only)	Highlight varying patterns of developments within pastoral societies in different places. Analyse the impact of colonialism • on forest societies, and the implication of scientific forestry. Show the different processes • through which agrarian transformation may occur in the modern world. Analyse the impact of modern • states, marking of boundaries, processes of sedentarization, contraction of pastures, and expansion of markets on pastoralism in the modern world.	Group Discussion	https://youtu.be/O4RSltBgneU
10th Feb'25 - 20nd Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25		ANNUAL EXAM			

SUBJECT: INFORMATION TECHNOLOGY(402)

Dates/ Week	Worki ng days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
1 st April – 30 th April	24	COMMUNICATION SKILLS	METHODS OF COMMUNICATION <ul style="list-style-type: none"> • VERBAL • NON VERBAL • VISUAL 	LISTING DO'S AND DON'T FOR AVOIDING COMMON BODY LANGUAGE MISTAKES DEMONSTRATE THE FINGER POSITION ON THE KEYBOARD	SMART BOARD COMPUTER LAB
		DATA ENTRY AND KEYBOARDING SKILLS	KEYBOARDING SKILLS <ul style="list-style-type: none"> • TYPES OF KEYS • HOME KEYS, GUIDE KEYS • TYPING ERGONOMICS • MOUSE OPERATIONS 		
1 st May – 13 th May	10	SELF MANAGEMENT SKILLS	POSITIVE RESULTS OF SELF MANAGEMENT SELF MANAGEMENT SKILLS	USE ALL THE FEATURES OF TEXT EDITING	COMPUTER LAB DEMO ON SMAERT BOARD
		DIGITAL DOCUMENTATION	WORD PROCESSING APPLICATIONS TEXT EDITING		
1 st July – 31 st July	24	DIGITAL DOCUMENTATION	USE OF FORMATTING FEATURES PAGE STYLE CHANGING TEXT CASE SUPERSCRIPIT AND SUBSCRIPIT HEADER /FOOTER	USE OF ALL THE FOMRATTING FEATURES	COMPUTER LAB DEMO ON SMAERT BOARD
		ICT SKILLS -I	HARDWARE AND SOFTWARE TYPEA OF OPERATING SYSTEM FILES AND FOLDER ICT TOOLS		

1 st Aug – 31 th Aug	22	ELECTRONIC SPREADSHEET	INTRODUCTION <ul style="list-style-type: none"> • WORKSHEET-ROWS AND COLUMNS • RANGE OF CELLS, • COLUMN RANGE, ROW RANGE • FORMULA • SIMPLE CALCULATIONS • FUNCTIONS 	DEMONSTRATE TO DEFINE THE RANGE OF CELLS ENTER THE FORMULA CELL ADDRESS AND OPERATORS FUNCTIONS	COMPUTER LAB DEMO ON SMART BOARD
02 nd Sept – 20 th Sept	15	ENTREPRENEURIAL SKILLS-I	TYPES OIF BUSINESS MEANING OF ENTREPRENEURSHIP DEVELOPMENT ROLE AND REWARDS OF ENTREPRENEURSHIP	PREPARE CHARTS SHOWING ADVANTAGES OF ENTREPRENEURSHIP OVER WAGES GROUP DISCUSSION ON ROLE AND FEATURES OF ENTREPRENEURSHIP	COMPUTER LAB
		REVISION FOR MID TERM EXAM			
23 rd SEPT – 7 th Oct	MID TERM EXAM				
08 th Oct – 3 rd Oct	16	GREEN SKILLS-I	INTRODUCTION TO ENVIRONMENT DEFINITION OF GREEN ECONOMY IMPORTANCE OF GREEN ECONOMY	BENEFITS OF GREEN SKILLS AND IMPORTANCE OF GREEN ECONOMY	
1 st NOV –30 th Nov	24	DIGITAL PRESENTATION	CONCEPT OF PRESENTATION SLECTING SLIDE LAYOUT SAVING A PRESENTATION RUNNING A SLIDE SHOW	CREATE THE PRESENTATION ON PARTICULAR TOPIC	DEMO ON SMART BOARD COMPUTER LAB

2ND DEC- – 30th Dec	20	DIGITAL PRESENTAITON	COMPLETION OF PRACTICAL FILE		
7th Jan'25 –31st Jan'25	24		FINAL PRACTICAL EXAM SUBMISSION OF PRACTICAL FILE AND NOTEBOOKS FOR EVALUATION		
		MOCK YEARLY EXAM			
10th Feb'25 -20th Feb'25	10	REVISION FOR ANNUAL EXAM			
LAST WEEK OF FEB' 25		ANNUAL EXAM			

SUBJECT: -ART

MONTH	NO OF WORKING DAYS	SYLLABUS REFERENCE TOPICS
APRIL-MAY		- COLOUR CONCEPT - SAVE ELECTRICITY - SAVE WATER
JULY		- KEEP YOU ENVIRONMENT CLEAN - JUNGLE SAFARI - SAVE FUEL - POSTER ON SAVE ANIMALS
AUGUST		- INDEPENDENCE DAY - SAVE GIRL CHILD - SWACHH BHARAT
OCTOBER		- WOMEN EMPOWERMENT - DIWALI - SAY NO TO CRACKERS - GREETING CARD
NOVEMBER		- WINTER SEASON - CHILDRENS DAY - RASHTRIYA EKTA DIWAS
DECEMBER		- CHRISTMAS - NEW YEAR GREETING CARD - PLASTIC MUKT BHARAT
JANUARY		- REPUBLIC DAY - LOHRI - FUTURE CITY
FEBRUARY		- HOLI, - MAKAR SAKRANTI

SUB JECT-MUSIC

(TERM - 1)

- 1) Patriotic song - Ekta ka sawar
- 2) Punjabi folk song - Sawan langh gya

- 1) Vandna- Vandna ke in swaro mei
- 2) Bhajan - Manavta ke man mandir me

- 1) Patriotic song - vishva bal balika
- 2) Malyalm song - yeh sankalp kiya hai

- 1) half semester exam
- 2) Music grades

(TERM - 2)

- 1) Bhajan- Tu hi ram hai
- 2) Patriotic song - utho jawan desh ki

- 1) Bhajan - Mei dekho jis aur sakhi
- 2) Shabad - Aaye mil gursikh

- 1) Saraswati vandna- Jaya jaya hey
- 2) Shabad - Dewo Daras sukh

- 1) Patriotic song - Jai jan bharat
- 2) Telugu song - Bhashlanni verien

- 1) Music test
- 2) Final exam