

• CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27 ,

CLASS - 8th

SUBJECT- HINDI HINDI

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	GRAMMER CHAPTER	TIME ALLOTTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
April 2026	1 मानवता ही विश्व सत्य 2.सच्चा दोस्त	1भाषा, बोली, लिपि और व्याकरण 2वर्ण विचार 26पत्र लेखन	3+3+3+3 घंटे	*मानवता, एकता और प्रगतिशीलता की भावना से प्रेरित होंगे। *सच्चे दोस्त की पहचान तथा नई तकनीकों का उचित प्रयोग जानेंगे।	आप कौन कौनसी भाषाएं बोल व समझ सकते हैं, उन भाषाओं में अपने देश के लिए एक वाक्य लिखें। *सच्चा दोस्त विषय पर एक कहानी लिखें व सुनाएं।	*श्रीकृष्ण और सुदामा की मित्रता पर लघु नाटक प्रस्तुत करें।	* मानवता और शांति का पालन। * पर्यावरण और अंतरिक्ष के बारे में जागरूकता। * सामाजिक मेलजोल का महत्व। * चुनौतियों का सामना करना।

				* भाषा पर पकड़ मजबूत होगी।			* भाषा ज्ञान में वृद्धि।
June 2026	3 विश्वास की जीत	4 शब्द विचार 27 विज्ञापन लेखन	5+5+3 घंटे	*विनम्रता, दयालुता इत्यादि गुणों का विकास होगा। * शब्द भंडार में वृद्धि होगी।	*विंटेज कारों के महत्व और इतिहास के बारे में जानकारी एकत्र करें।	*अलग अलग मॉडल की कारों का कोलाज बनाइए।	*ईमानदारी और विश्वास का महत्व। * संवेदनशीलता और सहानुभूति का विकास। * शब्द भंडार में वृद्धि।
July 2026	4 जन्म से पहले 5 जादुई बस्ता	5 उपसर्ग 6 प्रत्यय 7 समास 24 मुहावरे 25 अनुच्छेद लेखन 28 संवाद लेखन	4+4+4+4 घंटे	*बेटी बचाओ, बेटी पढ़ाओ नारे को जीवन में उतारना। *बालश्रम का विरोध, सहृदयता, जागरूकता,	*"बेटी बचाओ बेटी पढ़ाओ" विषय पर कोई दो नारे लिखिए। * 'स्थानीय कालीन कारखाने पर छापा: 10 बच्चे मुक्त' शीर्षक पर एक रिपोर्ट तैयार करें।	*'विद्यालय में बस्ते का दिन' विषय पर एक ड्राइंग बनाएं।	*समानता का महत्व। * महिला सशक्तिकरण का महत्व। *समस्या समाधान कौशल।

PT 1 10/07/202 6	TB – 1, 2	Gr – 1, 2		हौसला, हिम्मत सच्चाई, सहानुभूति आदि गुणों का विकास। * शब्द निर्माण की प्रक्रिया से भलीभांति परिचित होंगे।			*सामाजिक और नैतिक जागरूकता। * नवीन शब्दों का निर्माण करना।
August 2026	6 सपनों की उड़ान: एलन मस्क 7 जीवन नहीं मरा करते हैं 8 इस्पात के दिलों की	8 संज्ञा 9 लिंग 10 वचन 11 कारक 12 सर्वनाम 13 विशेषण 14 क्रिया	4+4+2+2 +2+2 घंटे	*संघर्ष, स्वशिक्षा, मेहनत आदि का महत्व एवं जीवन में जुनून और निरंतरता। * हमें जीवन में निराशावादी	* एलन मस्क की कंपनियों के बारे में जानकारी एकत्र करें। * जीवन नहीं मरा करते हैं - कविता के आधार पर एक चित्र बनाकर उसमें रंग भरिए।	*एलन मस्क की इलेक्ट्रिक कारों की तकनीक और पेट्रोल डीज़ल कारों की तकनीक में क्या अंतर है?	* आत्मनिर्भरता और स्वशिक्षण। * आविष्कार और नवाचार। * आशावादी दृष्टिकोण। * चुनौतियों का सामना करना।

	कोमल भावनाएं			नहीं आशावादी होना चाहिए। * सख्त हृदय में कोमल भावना का विकास होगा। *भाषाई कौशल विकास।	* अपने आस पड़ोस के किसी एक व्यक्ति से उसके जीवन की उपलब्धियों पर साक्षात्कार लीजिए	* अग्निशमन विभाग के कार्यों पर कक्षा में परिचर्चा आयोजित करे	* भावनाओं की सामाजिक समझ का महत्व पहचानना। * नैतिक शिक्षा को जीवन में उतारना। * भाषा पर मजबूत पकड़
September 2026 Term1 01/09/2026	TB- 1,2 , 3, 4, 5, 6, 7	Gr. 5, 6, 7, 8, 9, 10, 11, 24, 25, 26, 27, 28, 34.					
October 2026	9 कोरोना योद्धा	15 काल 16 अव्यय	4+4+4+4 घंटे	*फर्ज को प्राथमिकता, त्याग की	*करोना के समय विभिन्न समाजसेवी संस्थाओं के विषय में जानकारी एकत्र करें।	*WHO की विश्व स्वास्थ्य कल्याण में	*डॉक्टरों और स्वास्थ्यकर्मियों के योगदान का महत्व।

	12 कुंडलियां			भावना, देश के योद्धा और परिवार को समर्थन। * घमंड का परिचय सोच विचार कर कार्य करना तथा परहित के लिए कार्य करना। * अविकारी शब्दों को पहचानना।	* गीता के कुछ प्रमुख उपदेश कक्षा कार्य पुस्तिका में लिखिए।	क्या भूमिका है?	* कठिन समय में धैर्य और संघर्ष का महत्व। * घमंड का परित्याग करना। * परहित के लिए कार्य करना। * भाषा ज्ञान में वृद्धि।
November 2026	10 छत्रपति शिवाजी 1	19 वाक्य विचार 21 वाक्य रचना की अशुद्धियां	4+4+4+4 घंटे	* साहस वीरता धैर्य आत्मसम्मान तथा स्वराज के प्रति	* छत्रपति शिवाजी पाठ का नाटक मंचन कीजिए।	* भारत के कुछ प्रमुख किलों के चित्र विस्तृत जानकारी के साथ एकत्रित	* छत्रपति शिवाजी महाराज के जीवन से प्रेरणा लेना।

PT 2 16/11/202 6	11 छत्रपति शिवाजी 2 TB – 8, 12	Gr – 12, 13		सम्मान का भाव। *देश प्रेम बुद्धिबल कर्तव्य का महत्व इत्यादि समझेंगे। * भाषा की अशुद्धियां दूर होगी।		कर स्कैप बुक में लगाएं।	* देशप्रेम की भावना और इतिहास के प्रति जागरूकता। * आत्मविश्वास और नेतृत्व की भावना का विकास। * शुद्ध भाषा का उपयोग।
December 2026	13 एक आँच की कसर	22 विराम चिह्न 23 अलंकार 24 मुहावरे	4+3+3+3 घंटे	*सच्चाई ईमानदारी का महत्व तथा दहेज केप्रथा का विरोध कर पाएंगे। * लिखित भाषा में विराम चिन्हों	* दहेज एक कुप्रथा विषय पर एक अनुच्छेद लिखिए।	* सत्यवादी राजा हरिश्चंद्र की कहानी कक्षा में सुनाएं।	* सामाजिक मूल्यों को समझना। *सच्चाई के महत्व को जानना। * त्रुटि रहित लिखित भाषा का प्रयोग।

				का उचित प्रयोग कर पाएंगे।			
January 2027	14 हिमालय और हम	25 अनुच्छेद लेखन 26 पत्र लेखन 32 संदेश लेखन 33 सूचना लेखन 34 अपठित बोध	4+4+4+2 +2+2 घंटे	*भारत देश का गौरव, धरोहर का सम्मान हिमालय की सुंदरता। * रचनात्मक लेखन के अंतर्गत विभिन्न कौशलों का विकास होगा।	*हिमालय के विभिन्न क्षेत्रों की संस्कृति के बारे में एक परियोजना तैयार करें।	*पृष्ठ 111 पर दी गई शब्द पहली पूरी कीजिए।	*भारत की सांस्कृतिक और पर्यावरणीय धरोहर का मूल्यांकन। * पर्यावरण संरक्षण और जलवायु संतुलन के प्रति संरक्षण। * रचनात्मक लेखन कौशल विकास।
February 2027 Term 2	TB- 8, 9, 10, 11, 12, 13, 14	Gr- 12, 13, 14, 15, 16, 19, 21, 22, 23, 24, 25,					

22/02/202		26, 32, 33, 34					
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Name of Incharge Teachers: Mrs Vinita Chilhate_ Mrs Namrata Patharkar_, Mr Harish Donal_____

Signature of Coordinator: Mrs Sunita Bhatnagar_____

Signature of Principal: _____

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CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27

CLASS -8

SUBJECT-VOCATIONAL EDUCATION

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/ PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
APRIL/ JUNE	PROJECT -1 (GROWING PLANTS WITHOUT THE SOIL) Develop and maintain essential growth conditions through hydroponics Grow healthy microgreens Prepare liquid organic manure Maintain pH of water in hydroponic unit	8 hrs	Students will be able To establish hydroponic unit using wick-based, deep-water culture To grow healthy microgreens using a basic hydroponic system To prepare organic liquid manure for hydroponics	Build a hydroponic system using wick method (capillary action) using PET bottles/basket. Build a microgreen system (for healthy salads), observe microgreen growth, harvest microgreens and record the yield Prepare a brown liquid compost (in 2 to 3 days) by using good quality		Understand the water conservation through hydroponics Promote eco-friendly farming practices/ understand the basic principles of organic farming Reduce chemical dependency Develops the basic skills in marketing microgreens

				compost from kitchen waste or animal manure with jaggery or sugar		
JULY	PROJECT-2 (FEEDING AND CARING OF FARM ANIMALS) Identify local farm animals. Observe their health parameters. Estimate their weight and decide their feeding requirements. Prepare green fodder silage and treat dry fodder. Design first aid box for livestock	8 hrs	Students will be able to Identify important farm animals in locality and record their health parameters. Estimate the weight of an animal based on its body measurements to prepare a feeding chart. (showing video) Prepare silage and a healthy, dry fodder mixture for	Record the care aspect of the farm animals as kind of food given, how much and how many times is given, water source provided, how animal waste is collected and stored, how often they are bathed, number of farm animals kept, is the shelter temporary, how often it is cleaned, common diseases of the farm animals Recording health parameters (species/breed /age/ visual observation/body		Develops empathy and kindness towards animals. (understanding nutritional needs by species and life stage, importance of clean water and feeding schedule) Understand ethical treatment and care of livestock.

			farm animals. (video) Design a first-aid box for livestock with homemade ayurvedic medicines.	temperature/respiration per minute) estimate their body weight by measuring their dimensions Gather the information about local livestock as common breeds of farm animals, their use and type of fodder given to them (green/dry/concentrates/open grazing) Prepare a chart for various home remedies for livestock like use of neem, lantana leaves and turmeric to prevent parasites		Develop a feed management skill as preparation of feed, storage techniques
AUGUST	PROJECT-3 (WORK WITH MACHINES AND MATERIALS)	8 hrs	Students will be able to learn	Making small model (three-dimensional		Ability to apply scientific

	Working with wood and bamboo Use basic carpentry tools Build prototype as per design Make useful products using soft wood and bamboo		Safe use of tools like hammer, saw to cut, join and assemble materials. Design a product and make a prototype of desired object or product Build a functional object using basic carpentry hand tools and materials. Apply finishing techniques to make objects durable and attractive	object) using cardboard /softwood/ bamboo as pen stand, photo frame. Phone stand, key chain or a nameplate of your desk.		principles—such as force, energy, motion, material properties, and measurement—while selecting materials and operating machines. To follow systematic procedures, ensure precision and accuracy, observe and analyze results, troubleshoot using logical reasoning. Maintain safety based on an understanding of risks and cause-effect relationships.
OCTOBER	PROJECT-4 (HOME AUTOMATION)	8hrs	Students will be able to Identify electronic components	Draw and read simple circuit diagrams and their components		

	Electronic components and circuits. Make a simple programs and circuits. Select appropriate sensors. Make an automation system		used in automation systems. To read and draw electronic circuits. Design an automation system for homes. Select appropriate sensors and install / program them	and their functions. Recording observations for the automated system as refrigerator based on cut off in case of voltage surge, sensor detecting change in voltage to protect refrigerator. Building circuits using physical components as buzzer with battery and switch, electronic rakhi.		Apply scientific principles—such as force, energy, motion, material properties, and measurement—while selecting materials and operating machines; to follow systematic procedures, ensure precision and accuracy, observe and analyze results. Maintain safety based on an understanding of risks and cause-effect relationships
NOVEMBER	PROJECT-5 (WATER AUDIT FOR WATER MANAGEMENT)	8 hrs	Students will learn to Measure and calculate water	Will calculate the water flow rate by noting down the amount of		Apply principles of the water cycle, flow, usage patterns, and

	Collect data for tracking water use and wastage. Apply simple strategies to reduce water use and wastage. Use data to predict future needs of water		availability, usage and wastage. Identify and implement practical ways to reduce water wastage.	water collected into a bucket for a minute to the amount consumed i.e how long a person keeps the tap running while washing utensils. Collect the data on usage of water from a family and categories based on the consumption activities like washing clothes, RO water, car washing, cleaning house, bathing etc. Make a chart showing the simple steps to reduce the wastage of water as fixing a leaking tap, using aerators in taps, to recharge the groundwater and by reusing the water.		conservation methods. Measure water usage, leakage, flow rate using meters, bucket method. Calculate daily/weekly consumption. Identify wastage points, compare data, find causes, and evaluate efficiency. Problem-solving: Design practical solutions (reuse, rainwater harvesting, leak reduction, efficient systems). Solution design: Propose low-cost, locally suitable solutions like RWH pit, soak pit, waterless urinals.
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CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27

CLASS- VIII

SUBJECT- ART EDUCATION (Craft)

MONTH	CHAPTERS	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ ASSESSMENT	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
APRIL 2026	18, Arts of the people, with the people, for the people	-Knowing how common, everyday materials are used in traditional Indian crafts.	Discussion, local art and study	Research local art and prepare jute mats	-Learning how to use every day, local materials to make traditional crafts -Working together in teams to plan and create shared group art projects.
JUNE 2026	18: Folk Art Forms of India		Create folk-inspired artwork using natural materials.	Create Lippan art	
JULY 2026	18: Art Created by the People	-Learning about the traditional art forms	Create folk-inspired artwork using natural materials.	Warli art	
AUGUST 2026	18: Art With the People		Art of knotting	Work in groups, create a friendship band	
SEPTEMBER 2026 TERM-1	HALF YEARLY ASSESSMENT PRACTICAL EVALUATION				
OCTOBER 2026	18: Art For the People	-Using colours and images to make important information stand out in a brochure.	To make papier mache	Papier mache mask	-Choosing a local art form to research and promote through a public campaign. -Designing attractive brochure layouts using colours and images to highlight key information.
NOVEMBER 2026	18, Arts of the people, with the people, for the people		To make papier mache	Papier mache mask	
DECEMBER 2026	19, Camping for art awareness		Design awareness posters and banners.	A poster/banner of different artworks	
JANUARY 2027	Revision and Creative Projects				
FEBRUARY 2027 TERM-2	FINAL ASSESSMENT CHAPTER 18 & 19				

Name of the In charge teacher: Rati Sharma .
Signature of coordinator: _____ .
Signature of Principal: _____ .

Carmel Convent Sr. Sec. School , Ratanpur.

Year Planner 2026-27,

Class 8

Subject- Mathematics

Month	Name of the chapter and sub topics	Time allotted	Learning outcomes	Suggested activities /assessment/practical	Art integrated activity	Key competencies
April	Part 1 Ch 1 A square and a cube Ch 2 Power play	7 hours 7 hours	Square number, Pattern and properties of perfect squares, square roots, cubic numbers, cube root Exponential notation and operations, number of combinations, power lines, power of 10, scientific notation Estimation and approximation	Worksheet Crossword puzzle		Logical reasoning Abstract thinking Daily life usage of exponent and powers.
June	Ch 3 A story of numbers	6 hours	The mechanism of counting, some early number system, The idea of a base, Place value representation	1. To verify $(a + b)^2 = a^2 + 2ab + b^2$ Worksheet of CT from Ch 1		Experiential learning
July	Ch 4 Quadrilaterals Ch 5 Number play	13 hours 6 hours	Rectangle, construction and properties of rectangle, Square, angles in quadrilateral, different types of quadrilateral	2. To verify that the sum of four angles of a quadrilateral is 360° Worksheet of CT on quadrilaterals Ch 4	Mathematical Model	Art integration

	PT1 – Ch 1 and 2		Sum and pattern of consecutive number, Divisibility properties, digital roots, digits in disguise, venn diagram in number relationship	Worksheet of C T on Number play Ch 5		
August	Ch 6 We can distribute yet things multiply Ch7Proportional reasoning	8 hours 8 hours	Multiplication using distributive property, special cases of distributive property, investigating pattern. Ratio and proportion, proportional reasoning, unit conversions, the rules of three, unequal sharing	Explore different number system Worksheet of C T of chap 6		Logical reasoning Abstract thinking.
September	Term 1 Exam Ch 1 to 7					
October	Part 2 Ch 1 Fractions in disguise Ch5 Tales by dots and lines	8 hours 10 hours	Fractions as percentage, profit and loss, depreciation. The balancing act, finding the unknown, mean and median with frequencies, visualising and interpreting data	3.To derive the formula for area of a Trapezium.	Mosaic tiling using geometrical shapes	Financial literacy

November	Ch 2 The Baudhaya na Pythagoras theorem PT2 – Ch 1	10 hours	Doubling and halving square,application of budhayana Pythagoras theorem	Crossword puzzle		Art integration
December	Ch 3 proportional reasoning 2 Ch4 Exploring some geometrical themes Ch6 Algebra play	12 hours 8 hours 7 hours	Ratio with 2 or more than two terms,pie charts and inverse proportion. Fractals,visulaising solid shapes representing solid on plane surface Number pyramid, fun with grids,decoding divisibility tricks	Worksheet of C T on ch 3		Experiential learning through art integration
January	Ch 7 Area	10 hours	Area of triangle, rectangle , square,parallelogram, rhombus, and trapezium.			Logical reasoning
February	Revision / Final Exam syllabus :Part 1: Ch 4,5,6,7 and Part 2 :ch 1 to 7					
March	Result					

Name of the incharge teachers : Mrs Gini ,Mrs Shailja ,Mrs Bindhi

Signature of coordinator:

Signature of principal:

CARMEL CONVENT SR SEC SCHOOL, RATANPUR
YEAR PLANNER 2026-27 **CLASS - VIII** **SUBJECT- BIOLOGY**

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
APRIL	Chapter-1 Crop Production & Management	10 HRS	Students will understand & analyze the current events and issues occurring in agriculture. They will be acquainted with basic practices of agriculture like selection of seeds, application of manure and fertilizers, advantages and disadvantages of fertilizers, green revolution, gain and undesirable effects	Collect different types of seeds, separate them in their respective category, write a short description about them	1. Collect 5 varieties of seeds in transparent sachet. Name them and paste on A4 Size sheet. 2. Visit a crop field and with the help of local farmers find out the following: a. Name of the crop b. When is the sowing season? c. When will it be harvested? d. In which form is the produce	Understanding soil preparation, sowing, irrigation, use of fertilizers, and crop protection methods to ensure healthy plant growth.
JUNE & JULY PT 1 Ls - 1	PT-1 Chapter- 2 Micro Organisms: Friend & Foe	10 hrs	Students will come to know the usefulness of microorganisms in improving soil fertility, their general characters, habitat, types of	Discussion on the topic microorganism friends or foe	To demonstrate the formation of alcohol by yeast.	Identify different types of microorganisms (bacteria, fungi, protozoa, algae, and

			microorganism s, useful and harmful Micro organisms			viruses) and explain their characte ristics and habitats.
AUGUST	Chapter-5 Conservation of Plants & Animals	6hrs	Students will identify species, characteristics, habitat and life cycle of animals. They will be able to apply knowledge to solve problems related to wildlife, conservation and management	Have a group discussion on how recycling of paper save the environment	Wild animals threatening human habitats. Throw light on the reasons and measures to check this	Protect natural habitats and biodiver sity, Plant and care for trees. Prevent deforest ation and illegal hunting. Use natural resource s wisely.
SEPTEMBER Half yearly Ls- 1,2,5	REVISION FOR TERM-1					
OCTOBER & NOVEMBER PT2 Ls- 6	Chapter - 6 Reproduction in Animals	9hrs	Students will be able to know importance of reproduction, modes and steps, significance of fertilization, life cycle of butterfly and	Study budding in hydra Under microscope and draw different stages of it.	Explain life cycle of a butterfly and a frog.	Underst and the meaning and importa nce of reprodu ction in animals.

			frog. They will also know about existence of animals on the earth and maintenance of species			Differentiate between asexual and sexual reproduction. Identify the male and female reproductive organs. Explain the process of fertilization.
DECEMBER	Chapter 7 Reaching the Age of Adolescence	6hrs	Students will learn about difference between adolescence and puberty, secondary sexual characters, sex determination, reproductive health. They will also learn healthy behavior, become health conscious and organize themselves in society	Justify determination of sex of foetus is unethical.	Write significance of personal hygiene	Adolescents experience rapid physical growth and learn to understand and manage their emotions effectively.
JANUARY	Revision for final exam					
FEBRUARY	Final exam					

Final exam Ls- 6,7						
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Name of Incharge Teachers: Mrs. Shampa Maitra, Mrs. Renuka David Raj, Mrs. Divya Raj

Signature of Coordinator: _____

Signature of Principal: _____

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27 ,

CLASS - VIII

SUBJECT- Sanskrit

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTE D	LEARNING OUTCOME S	SUGGESTE D ACTIVITIE S / ASSESSME NT/PRAC TICAL	ART INTEGRAT ED ACTIVITY	KEY COMPETE NCIES
April	प्रथम:पाठः संगच्छध्वं संवदध्वम् द्वितीयः पाठः अल्पानामपि वस्तूनां संहति कार्यसाधिका	4+4+2	गायन कौशल का विकास एकता की भावना का विकास		मध्यप्रदेश और बिहार राज्यों का खान-पान रहन-सहन और धार्मिक स्थलों का चार्ट में कोलाज बनाकर संक्षिप्त विवरण दीजिए।	मिलकर कार्य करने की भावना तथा एकता की भावना का विकास एकता में शक्ति होती है
June	तृतीयः पाठः सुभाषितरसं पीत्वा जीवनं सफलं कुरु	4+4+4	सकारात्मक सोच के साथ जीवन यापन करना।			सुन्दर सूक्तियों का रसास्वादन कर जीवन को रसमय बनायें।
July August	चतुर्थःपाठः गोपबन्धुर्महामनाः पंचमः पाठः गीता सुगीता कर्तव्या षष्ठःपाठःडिजीभार तम् - युगपरिवर्तनम् सप्तमःपाठःमञ्जु लमञ्जूषा सुन्दर सुरभाषा (पाठ 6-7 मौखिक कार्य हेतु) अपठित गद्यांश,पत्र, चित्र, संवाद अव्यय,समय	4+4+4+4 4+4+4+4	सेवा कीभावना का विकास। कर्तव्य के प्रति समर्पण की भावना का विकास। डिजीटल भारत की तकनीक से अवगत कराना। भारत के प्रमुख कवियों के बारे में जानकारी प्रदान करना।	PT1 प्रथम:पाठः संगच्छध्वं संवदध्वम् द्वितीयः पाठःअल्पानामपि वस्तूनां संहति कार्यसाधिका 2-संस्कृत के चारों वेदों का माँडल तैयार कीजिए तथा संक्षिप्त		समाजसेवी गोपबन्धु का मातृभूमि के प्रति समर्पण की भावना श्री कृष्ण का अर्जुन के प्रति कर्म फल का सन्देश। भारत में डिजिटल प्रगति की जानकारी। भारत के विभिन्न ऋषि मुनियों का परिचय

	लेखन संधि(पाठाधारित) संख्या 1-50 तक शब्दरूप इदम् तीनों लिंगों में विद्वस् ,राम, लता,अस्मद् धातु रूप - नी,गम्,दृश पांचों लकारों			विवरण दीजिए। 3-कोई पांच स्वतंत्रता सेनानियों के नाम लिखिये तथा उनमें से किसी एक के बारे में संक्षिप्त विवरण दीजिए		
September	पुनरावृत्ति तथा अर्धवार्षिक परीक्षा			Term 1 पाठ 1-5 तक दीपकम से		
October	अष्टमः पाठः पश्यत कोणमैशान्यं भारतस्य मनोहरम् नवमःपाठः कोऽरुक? कोऽरुक? कोऽरुक?	4+4+4+4	भारत के उत्तर-पूर्व के प्रमुख राज्यों कीभौगोलिक प्राकृतिक एवं सांस्कृतिक विरासत, से अवगत कराना। स्वास्थ्य रक्षा के प्रति जागरूक करना।	4-गीता के कोई दो श्लोक याद करके लय के साथ कक्षा में सुनाइये।		पूर्वोत्तर राज्यों के पर्यटन स्थलों की जानकारी प्रदान करना। आचार्य वाग्बट के द्वारा निरोगी काया की परिभाषा से अवगत कराना।
November	दशमः पाठः सन्निमित्ते वरं त्यागः(क भागः) एकादशःपाठ सन्निमित्ते वरं त्यागः(ख भागः)	4+4+4+4	त्याग एवं समर्पण की भावना का विकास करना। कर्तव्यनिष्ठा और परोपकार की भावना का विकास।	PT2 अष्टमः पाठः पश्यत कोणमैशान्यं भारतस्य मनोहरम् नवमःपाठः कोऽरुक? कोऽरुक? कोऽरुक		राजा शूद्रक तथा वीरवर की न्याय प्रियता कर्तव्य निष्ठा का ज्ञान प्रदान करना।
December January	अपठित गद्यांश, पत्र, चित्र,संवाद,अव्य य,समय लेखन, संधि पाठाधारितम्	4+4+4+4 4+4+4+2	वर्णों का शुद्ध उच्चारण तथा पाठक के गुणों से अवगत कराना।	5-कोई एक सरल संस्कृत गीत याद करके कक्षा में स्वर सुनाइये।		पाठकों के क्या- क्या गुण होते हैं ब्रह्मलोक में किससे सम्मान प्राप्त होता है।

	शब्द रूप -यत् तीनों लिंगों में, राजन्, कवि, युष्मद् धातु रूप - भू, स्था, पा पांचों लकारों में।		वाग्‌उत्पत्ति प्रक्रिया के बारे में अवगत कराना।	6- विभिन्न वर्णों के उच्चारण स्थान बताइये। PT2 पाठ 8-12 तक दीपकम से अपठित गद्यांश, पत्र, चित्र, संवाद अव्यय, समय लेखन संधि (पाठाधारित)) संख्या 1- 100 तक शब्दरूप यत्तीनों लिंगों में राजन्, कवि, लता, युष्मद् , धातु रूप - भू, स्था, पा पांचों लकारों		वर्णों के उच्चारण स्थानों के बारे जानकारी प्रदान करना।
February	Final exam					
March						

Name of Incharge Teachers:

Sangeeta Yadav _____

Signature of Coordinator: sangeetYadav _____

Signature of Principal: _____

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CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27

CLASS - VIII

SUBJECT- COMPUTER

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
April	Ch-8: Artificial Intelligence and Machine Learning * Recap of Artificial Intelligence * ChatGPT-The Power of conversational AI * Machine Learning and its types * Deep Dive into Image classification * Understanding Hand pose classifier	7 Hours	Students will be able to: * Define Artificial Intelligence (AI) and Machine Learning (ML) and describe their core ideas * Explain how AI, ChatGPT and ML models such as Image classifier and Hand pose classifier function * Use the Pictoblox ML environment to create, train and test models effectively * Apply AI and ML concepts to create meaningful and interactive projects in Pictoblox	Practical: * Grammar Detective * Mask Detector * Gesture-controlled Maze	Pick and Drop without human intervention	AI and ML Awareness Practical Application and System design
	Ch-9: Designing Interactive 3D	8 Hours	Students will be able to: * Define 3D environments, XR	Practical: * Camera control in city scene		3D Modeling and Design Animation and Interaction

	Worlds in Pictoblox * Recap of 3D environments and extended reality * Getting started with 3D and XR studio in Pictoblox * Working with 3D objects and tools		technologies and key tools in 3D and XR studio of Pictoblox * Demonstrate applying materials, transformation and animations in 3D scenes * Develop a simple 3D scene using transformations, materials and animations	* Car movement on Racetrack * Designing a 3D House		Game Design
June	Ch-10: Advancing in Robotics * What is Robotics? * Recall Quarky and its features * Understanding Edge detection Robots * Object tracking with Recognition cards -AI Project Lifecycle	8 Hours	Students will be able to: * Understand what robotics is and how robots are designed and controlled * Learn how sensors and actuators help Quarky sense and move * Build and test smart robotic projects like edge detection and object tracking	Practical: * Robotics meets geometry * Object tracker Robot * Quarky as edge detector	Sound controlled Robot	Technical skills Computational thinking Teamwork Creativity and Innovation Responsible problem solving
July	Ch-2: Basics of Python programming	8 Hours	Students will be able to:	Practical: * Python Addition Bot		Problem-solving Creative Thinking

	* Introduction to Python and Pictoblox Interface * Basic Python syntax -Artificial Intelligence and Its Applications		* Recall what Python is and where it is added * Identify key parts of the Pictoblox Python interface * Understand the role of indentation, variables and operators in coding	* Electricity Bill calculator		Algorithmic Thinking and Sequencing Understanding impact of AI systems
August	Ch-1: Basics of ICT * Journey of computing * Computer system- Hardware and Software * Computer Networks * What is Canva?	8 Hours	Students will be able to: * Recall how computers evolved from ancient counting tools to modern AI systems * Identify different types of ports and software used in everyday computing * Apply creativity by designing and exporting simple graphics using Canva * Evaluate safe digital practices when using online tools and applications	Practical: * Designing with Canva		Hardware and Software basics Digital communication and Collaboration

[illegible]

	- Ethics and Responsible AI		reduce code length			Ethical decision-making in technology
November	Ch-5: Exploring functions * Understanding functions * Creating functions in block and Python	7 Hours	Students will be able to: * Understand what functions are and why they are used in programming * Identify how to define and call a function in Python * Create and use functions with and without parameters	Practical: * Understanding functions * Loan interest calculator		Conceptual Understanding and Pattern Recognition Computational Thinking Creativity and Problem solving
December	Ch-6: Understanding Arrays * What are Arrays? * Sorting and Searching in Arrays	7 Hours	Students will be able to: * Create and manage lists (arrays) in Pictoblox and Python * Perform sorting and searching operations using simple methods * Understand how Bubble sort works for arranging data step-by-step	Practical: * Arrays in Python * Bubble sort		Problem solving Memory Awareness Basic operations
January	Ch-7: Mastering MS Excel	8 Hours	Students will be able to: * Format data effectively for	Practical: * Sales data analysis		Spreadsheet design and formatting

	* Recap of Excel Interface * Formatting in Excel * Using formulas and functions * Working with Pivot tables		clear presentation * Apply basic formulas and functions for quick calculations * Create and use Pivot tables to summarise and analyse data Revision of Term-2 Exam	* Mastering Excel formulas		Basic mathematical operations
February	TERM-2 EXAM Chapters: 3,4,5,6 & 7					

Name of Incharge Teachers: Mrs. Krishnapriya Daniel, Mrs. Anita Mandal, Mr. Praveen Agrawal

Signature of Coordinator: Mrs. Lata Iyer

Signature of Principal:
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CARMEL CONVENT SR SEC SCHOOL, RATANPUR
YEAR PLANNER 2026-27 CLASS - VIII SUBJECT- ENGLISH

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/ PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
APRIL	Literature: LS 1 Shakuntala 2 - Kathakali Grammar: 1. Determiners 3. Tenses Writing skills: Letters	5 HRS 3 HRS 4 HRS	1. Understand the Storyline Describe the main events, characters, and plot of the story in a logical sequence. 2. Draft formal and informal letters, notices, articles, and reports effectively.	Role Play – Students enact scenes from the lesson or poem. Loud Reading – Practice pronunciation, fluency, and expression.	Group discussion on women empowerment : “Women Empowerment is often talked about as a key to a progressive society. Discuss by taking inspiration from two remarkable womenone from Bihar and from Madhya Pradesh.	1. Language Accuracy 2. Application Skills 3. Narrative Development
JUNE	Literature: Poem- Night Ls4-Three wise Men Of Gotham Grammar: 3. Present and Past Writing skills- Notice writing	3 HRS 2 HRS 2 HRS	1. Understand the Theme; 2. Appreciate Nature; 3. Identify Poetic Devices; 4. Appropriate tense forms in speaking and writing.	Reader’s Theatre – Group reading with voice modulation and expressions. Story Sequencing – Arrange events of the story in correct order.	Play enactment on a mystery and horror-themed drama	1. Grammar Accuracy 2. Listening and Speaking Skills 3. Enhance written communication

JULY (PT 1 LITERATURE LS 1,2,3 GRAMMAR LS 1,2,3,4)	Literature: LS 5 Out Of Business	5 HRS	1. Organize ideas logically in paragraphs and compositions.	Error Detection - Students find and correct grammatical mistakes in sentences or paragraphs. Role play using Grammar Rules.	Chain storytelling with an altered ending. (Looking at the picture on the smart board)	1. Using literally devices. 2. Application of Critical Thinking 3. Proficiency in recognizing and using tenses in sentences
	Poem- Beautiful Old Age	2.5 HRS	2. Develop creative and descriptive writing abilities.			
	Grammar: 5. Talking about future 2. verbs, 6. Verb forms in conditionals 7. the sequence of tenses 8. subject verb agreement ,10. the infinitive, 11. participle ,	2.5 HRS	3. Use suitable vocabulary, punctuation, and sentence structures.			
	Writing skills- Email Writing	3 HRS				
AUGUST	Literature: LS 7 Arunima Sinha: The Wonder Woman	2 HRS	1. Understand the inspiring life and achievements of Arunima.	Short answer questions based on the lesson. Character analysis of Arunima Singh	Compare the modern life in town with that of the ancient life in the forest with the reference to the lesson	1. Vocabulary Enhanceme-nt 2. Communica-tion skill 3. Value based learning
	Grammar- 12. Gerund , 13. Active Passive Voice, 14. Adverbs	2.5 HRS	2. Identify the qualities of courage, determination, and perseverance shown by the protagonist.			
		2.5 HRS				
	Writing skills- Dialogue Writing	3 HRS				
SEPTEMBER TERM 1 (LIT- LS 1 TO 7 GR. LS 1 TO 14	Literature: LS 8 The Model Millionaire	2 HRS	1. Join words, phrases, and clauses using conjunctions.	Listening to stories and answering questions		1. Analytical skill 2. Vocabulary enhanceme nt
	Grammar- 15. The Preposition, 16. Conjunction	1.5 HRS	2. Differentiate between coordinating and			
		1.5 HRS				
	Writing skills- Diary entry	2 HRS				

Writing skills- letter, notice, Email and dialogue writing)			subordinating conjunctions.			3. Learning narrative building
OCTOBER	Literature: Poem- Fear No More Ls. 11 The Leopard Grammar- 17. Direct and Indirect Speech 18. punctuation19. phrase Writing skills- Letters, Descriptive paragraph	4 HRS 2 HRS 2 HRS 3 HRS	1. Interpret the message of courage, peace, and acceptance presented in the poem. 2. Enhance vocabulary and comprehension through poetic language. 3. Express personal responses and ideas related to the poem.	Audio-based comprehension - following instructions activity	By looking at the picture on the smartboard, create your own story with a proper title and moral at the end	Speaking, listening, and writing skills.
NOVEMBER (PT2 LIT - LS 8,9 and 11 GR. LS 15,16 and 18)	Literature: Poem- The Raven Ls13 - The Two Comedians Grammar- 20. Clauses, 21. Simple sentence 22. Complex sentence, 23. Compound sentence.	2 HRS 2.5 HRS 2.5 HRS	1. Form complex and compound sentences effectively.	Character Walk – describe a character’s qualities and actions.		1. Thinking and problem-solving Social justice and interpersonal skills
DECEMBER	Literature: Ls14- The Two Comedians II Grammar - 24,25 Transformation of sentence I, II	2 HRS 2.5 HRS	1. Identify the message and values conveyed through the lesson. 2. Answer factual, inferential, and	Students perform short conversations using specific grammar topics such as modals, tenses, or direct	Observe the activities around you and frame any five sentences of your own and categorize the words used in	Self-management Participation and contribution

			value-based questions effectively.	and indirect speech.	each sentence as different parts of speech	
JANUARY	Literature: Poem- Nightfall In The city of Hyderabad Grammar- 26, 27, 28 Synthesis of sentences I, II, III Writing skills- Story writing	2 HRS 2.5 HRS 2 HRS	1. Relate the events of the poem to real-life experiences and situations 2. Develop confidence and fluency in communication through accurate language usage. 3. Enhance creative and formal writing through proper grammar application.	1. Word chain game 2. Quiz competition 3. Dumb charades based on lessons 4. Vocabulary bingo		1. Emotional intelligence 2. Problem solving 3. Enhancing narrative building
FEBRUARY TERM 2 (LIT-LS 9 TO 15 GR.LS 15 TO 28 and 38 Writing skills - letter, diary entry, descriptive paragraph and story writing	REVISION FOR TERM 2	23 HRS				

Name of Incharge Teachers: Anju Prasad, Diana Ernest, Sadaf Masood

Signature of Coordinator: Solomon Richard

Signature of Principal: Sr. RoseTom

CLASS : VIII

SUBJECT:PHYSICS

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ ASSESSMENT/PRACTICAL.	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
APRIL AND JUNE	CH-08. FORCE AND PRESSURE/ Force, its types, Balanced and unbalanced and contact and non- contact forces, pressure, pressure exerted by fluids, Atmospheric Pressure, application of atmospheric pressure.	14 PERIODS(9 hrs)	Students will be able to- *Understand the concept of force. *different effects of force on a body. *Unit of force, *Different forces on the basis of- (a) net force on the body and (b) contact between the object and source of the body. *Concept of pressure and its uses in everyday life. *Atmospheric pressure and its applications.	Activities- # Individually students identify force as a push/pull. # Individually they show the effect of force on a rubber ball when it is falling down. # In groups students observe type of force involve in various activities. # Individually they observe attraction and repulsion between two magnets. # Individually they observe electrostatic force. # In groups they study Pressure in a	#To make a flow chart showing effects of force on an object in an innovative manner. # To show relation between Pressure and depth through an activity.	*Understand the concept of force and its effects on bodies. *Develop the skill to identify type of force involve in everyday situation. *Approach to identify pressure at different level of atmosphere.

CLASS : VIII

SUBJECT:PHYSICS

				liquid increases with depth.		
JULY	CH-09 FRICTION/ Friction, its cause, factors affecting friction, its type, device to measure friction, friction in fluids, Ways to increase and decrease friction.	12 PERIODS(8 hrs) PT1 EXAMS (07/13/26)	Students will be able to- * Understand Concept of friction, *Factors affecting friction, *different types of friction, *Relation between static, sliding and rolling friction, *They will know the ways of increasing and decreasing friction.	Activities- # Individually students study dependence of friction on surface of movement. # In group they measuring frictional force. # By Chat- show they study Advantage of friction in daily-life. # In group activity they study different types of friction.	*To measure frictional force by spring balance. *To understand air resistance.	*They are able to achieve core competencies like social awareness, self-management. * Relationship skill and collaboration.
AUGUST AND SEPTEMBER	CH-10 SOUND/ Sound, its production and propagation, Musical instrument Characteristics of sound, audible range of sound, ultra and infra-sound.	14 PERIODS(9 hrs) TERM I EXAMS (09/01/26)	Students will be able to- *Differentiate Various types and sources of sound, *Understand characteristics of sound and vibration, Musical instruments. *Draw the diagram to show how sound produced in human beings.	*Making of an ektara or any musical instrument. * They will ask to make a toy telephone. *They observe in groups speed of sound in different media.	*Draw the diagram to show how sound produced in human beings and musical instruments.	*Integrity and collaboration of topic learn with everyday situation. *Understanding and accept the learn topic for solving stated problems.

CLASS : VIII

SUBJECT:PHYSICS

	Noise and Music, Noise pollution, ways to reduce it, Human ear.				*Noise pollution, need to minimise sound and ways to do it.	
OCTOBER AND NOVEMBER	CH-12 SOME NATURL PHENOMENA / Charge, its types, transfer of charge, electroscop e, Lightning and thunder, Lightning conductor, its working, Earthquakes , structure of Earth, cause of Earthquake, protection against Earthquake, quake safe structure.	13 PERIODS(9 hrs) PT II EXAMS (11/16/26)	Students will able to- * Define Charge. *Understand Lightning. *Working of Lightning conductor *Earthquakes, *structure of Earth, *Cause of Earthquake, protection against Earthquake	Activities- # Individually students study the Electrostatics force. #Individually they study the working of Electroscope. #In group they study of behaviour of charge objects.	*To make an Electro-Scope.	*To develop cognitive abilities like problem-solving, critical thinking and physical abilities.

CLASS : VIII

SUBJECT:PHYSICS

DECEMBER	CH-13 LIGHT/ Reflection of light, its types, Laws of reflection of light, types of images, characteristic of image formed by plane mirror, Multiple Reflection, its practical application, Refraction of light, dispersion of light, rainbow, defects of visions. Human eye.	10 PERIODS(8 hrs)	Students will be able to- *Understand the reflection of light, * Able to use Multiple reflection for making Kaleidoscope and Periscope. *Refraction of light, *Dispersion of light, *Defects of vision problem, its cause and solutions.	Activities- #Individually students study the reflection of light from a plane mirror. #In group they measure the distance at which the image is formed. #In group they observe formation of multiple images by two plane mirrors.	Individually they will ask to make a model based on application of mirrors and lenses.	*To develop results-orientation among students i.e. focus on achieving objectives, delivering outcomes, and measuring performance.
JANUARY			REVISION			
FEBRUARY		TERM II EXAMS (02/22/27)	REVISION			

NAME OF INCHARGE TEACHERS: Mrs. Sandesha Dani, Mrs. Sapna Nair

SIGNATURE OF SUBJECT CORDINATOR: Mrs. Arachna Talele

SIGNATURE OF PRINCIPAL: Sr. Rose Tom

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27 ,

CLASS - 8

SUBJECT- art education

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
April	Activity 15 Elements and principles of visual art and design	1. identify the visual Elements 2. Make a journal of visual Elements	Observes visual Elements around them and visually records them in a journal. Use a variety of materials for journalling	element of art defined by a point moving in space. Line may be two-or three-dimensional, descriptive, implied, or	Creativity, observation, visual understanding Technical skills, experimentation.
Jun, july	Activity 15 Elements and principles of visual art and design	3. Identify the principals of visual art and design 4. Apply the principals of art and design.	Identifies and applies visual principals in artwork	n element of art made up of three properties: hue, value, • Hue: name of color • Value: hue's lightness and darkness (a color's value changes when white or black is added)	Design thinking, visual communication - Research, appreciation, critical thinking.

				• Intensity: quality of brightness and purity (high intensity= color is strong and bright; low intensity=	
August	16 .still Life in colour	1. Arranging a still Life	Observes the variations in material, colour and position of objects when creating a still Life	Arrangement: The careful placement of three to four objects to create a balanced, engaging scene.	
September	HALF YEARLY EXAM ASSESMENT PRACTICAL EVALUATION				
October	16.Still Life in colour	2. Draw and colour the still Life	Takes informed decision from choosing objects, arranging them and creating the still Life	Perspective & Texture: Incorporating geometric patterns, varying textures, and playing with light/shadow to create depth.	
November	17.people in places	1. Make A viewing Grid 2. Mark the proportions	Observes and depicts the ration,and proportion of the human body	Language: Write 4–5 lines describing the scene Environmental Studies: Observe surroundings and daily life	Aesthetic Sense – Develop understanding of beauty, design, and presentation.

December	17.people in places	3.Draw your Friends	Connect the concept of perspective drawing with real-Life observation	Select a place. Draw people doing activities there. Add background details (trees, houses, roads, buildings, etc.).	
January	17.people in places	4.composition in perspective	Applies the proportions while drawing human figures in different postures	.To connect visual art with daily life and surroundings. To understand different people, cultures, and places. To develop observation and creative expression.	Fine Motor Skills – Improve control in drawing, colouring, and detailing. Presentation Skills – Display artwork neatly and confidently.
February	FINAL ASSESSMENT 15,16,17				

Name of Incharge Teachers: _____Sunil kumar singh_____

Signature of Coordinator: _____

Signature of Principal: _____

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27

CLASS - VIII

SUBJECT-DANCE

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/PRAC TICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
April	Introduction to dance elements of dance	Understand basic concepts and elements of dance	Participation in dance activities	Study folk dances of different Indian states and present them through performance	Creativity and innovation
Jun, July	Folk dances of India and their cultural importance	Identify and appreciate various Indian folk and classical dance forms	Practice of steps and movements	Create a dance based on a poem or short story	Communication skills
August	Basic dance moments posters and expressions	Demonstrate correct body poster Rhythm and coordination	Rhythm and coordination exercises	Explore body movements muscles and balance used in dance	Collaboration and teamwork
September	Half yearly Exam practical				
October	Creative movement and group choreography	Create simple dance compositions individually and in group	Creativity in movement composition	Create a dance performance on theme like nature conversation and cleanliness	Cultural awareness
November	Dance and story telling	Develop confidence in stage performance	Individual dance performance	Integrated social science prepare a map of India showing the states	Self expression

				associated with selected folk dances and perform a short dance sequence	
December	Dance integrated with other art forms	Appreciate cultural diversity through dance traditions	Group choreography presentation	Integrated language create a short dance presentation based on a poem or story from the textbook	Confidence and leadership
January	Performance preparation and practice	Demonstrate correct footwork dance moments with Rhythm and coordination	Demonstration of expression	Present patriotic dance highlighting national symbols freedom fighters or unity in diversity	Aesthetic appreciation
February	Final Assessment Exam				

Name of Incharge Teachers: _____Hema patel _____

Signature of Coordinator: _____

Signature of Principal: _____

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27

CLASS - VIII (Kriti) SUBJECT - Music

Month	Unit/Chapter & Sub Topics	Learning Outcomes	Suggested Activities/Assessment	Art Integrated Activity	Key Competencies
April	Introduction to Music, Swar and Saptak	Understand basic concepts of music	Voice culture and swar practice	Decorative swar chart	Listening and singing skills
June	Alankar and Basic Raga Concepts	Sing simple alankars accurately	Daily singing exercises	Alankar presentation	Pitch accuracy
July	Taal and Laya	Identify rhythm and tempo	Clapping and recitation of taals	Rhythm pattern poster	Rhythmic coordination
August	Patriotic Songs	Confident group singing	Independence Day performance	Patriotic song illustration	Teamwork
September	Folk Music of India	Appreciate folk traditions	Learn a folk song	State-wise folk music chart	Cultural awareness
October	Indian Musical Instruments	Identify instruments	Instrument project	Instrument drawing	Observation skills
November	Classical and Semi-Classical Music	Understand music styles	Listening session	Artist collage	Music appreciation
December	Regional and Cultural Songs	Develop cultural awareness	Group singing	Cultural song presentation	Creativity
January	National Integration Songs	Promote unity through music	Republic Day preparation	Unity-themed poster	Social values
February	Annual Assessment Work	Demonstrate learning	Written and practical exam	Music file submission	Self-evaluation

NAME OF INCHARGE TEACHERS: MRS. BHARTI SHRIVASTAVA,
MR. HANS KUMAR DAWAR, MR. JOEL DAVID

SIGNATURE OF SUBJECT CORDINATOR: MRS. BHARTI SHRIVASTAVA

SIGNATURE OF PRINCIPAL:

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27

CLASS - VIII

SUBJECT PHYSICAL EDUCATION WELL BEING

Month	Name of the Unit / Chapter and Sub-Topics	Time Allotted	Learning Outcomes	Suggested Activities / Assessment / Practical	Art Integrated Activity	Key Competencies
April / May	Unit 1: Physical Fitness and Body Composition - Understanding BMI (Body Mass Index) - Components of motor fitness (Speed, Agility) - Postural deformities (Knock-knees, Flat foot)	12 Periods	- Calculate personal BMI scores. - Identify common postural defects and corrective measures.	- Practical: Height, weight, and agility run tests. - Assessment: Identification quiz on posture.	Clay Modeling: Sculpt small human figures showing correct vs. incorrect postures.	- Self-assessment - Spatial awareness - Discipline
July	Unit 2: Nutrition, Growth and Adolescent Changes - Nutritional needs during adolescence - Misconceptions about dieting/fast food - Physical changes during puberty	14 Periods	- Identify specific nutrients needed for puberty. - Critically analyze unhealthy food habits.	- Practical: Maintain a weekly meal calorie chart. - Assessment: Peer presentation on pubertal changes.	Collage Making: Create a "Healthy Mind, Healthy Body" collage using magazine cutouts.	- Self-acceptance - Analytical thinking - Decision making
August	Unit 3: Athletics & Team Sports (Skill Refinement) - Athletics: Sprint starts and relay handovers - Volleyball or Handball basic skills	16 Periods	- Execute a proper crouch start and baton exchange. - Demonstrate underhand and overhand passes.	- Practical: 50m sprint time-trials and passing drills. - Assessment: Skill-rubric scoring during drills.	Rhythm & Movement: Create a synchronized, rhythmic drill routine using batons or balls.	- Coordination - Teamwork - Agility
September	Unit 4: Yoga for Concentration & Flexibility - Asanas: Dhanurasana, Paschimottanasana, Chakrasana - Pranayama: Anulom-Vilom, Kapalbhata	10 Periods	- Perform advanced flexibility asanas safely. - Explain the role of breathing in focus.	- Practical: 10-minute daily classroom yoga routine. - Assessment: Practical execution test of 3 poses.	Mandalas & Art: Draw and color intricate mandala patterns to complement a meditation session.	- Focus & attention - Emotional regulation - Stress relief
October	Unit 5: Community Health & Environmental Sanitation - Safe drinking water and waste disposal - Impact of pollution on physical stamina	12 Periods	- Correlate environmental health with physical health. - Propose waste segregation steps.	- Practical: Conduct a school-wide cleanliness audit. - Assessment: Project report on local water safety.	Poster Design: Design a digital or chart poster promoting "Clean Air, Strong Lungs."	- Social civic duty - Problem-solving - Collaboration

	• Community health programs					
November	Unit 6: Safety, First Aid & Basic Life Support • First aid for fractures and nosebleeds • Safety hazards in the playground and home • Introduction to emergency helplines	12 Periods	• Handle nosebleeds and immobilize suspected fractures. • Memorize critical local emergency contacts.	• Practical: Mock disaster drill and splint application. • Assessment: Viva on first-aid box contents.	• Scriptwriting & Drama: Write and act out a 2-minute emergency rescue scene.	• Crisis management • Empathy • Quick reflexes
December	Unit 7: Indigenous Games & Cultural Sports Heritage • Traditional games: Langdi, Gilli-Danda, Lagori (7 stones) • History of native Indian martial arts	12 Periods	• Play traditional games using proper rules. • Value the cultural history of native sports.	• Practical: Inter-class Lagori tournament. • Assessment: Reflection journal on traditional games.	• Folk Puppetry: Make simple puppets to enact the origin story of an indigenous game.	• Cultural pride • Strategic planning • Inclusivity
January	Unit 8: Mental Well-being & Cyber Safety • Managing academic stress and screen time • Identifying cyberbullying and seeking help • Importance of sleep hygiene	10 Periods	• Implement strategies to reduce daily screen time. • Recognize and report cyberbullying indicators.	• Practical: Log and analyze screen time vs. sleep. • Assessment: Case-study worksheet on online safety.	• Slogan & Typography: Create stylized typographic banners with anti-cyberbullying messages.	• Digital literacy • Assertiveness • Self-care
February / March	Annual Fitness Review & Final Assessment • Re-testing motor fitness components • Consolidation of internal assessment indicators	10 Periods	• Compare end-of-year fitness data with April metrics. • Evaluate personal health growth.	• Practical: Final fitness battery test submission. • Assessment: Completion check of HPE portfolio.	• Flipbook Animation: Draw a simple stick-figure animation showing a moving sportsperson.	• Self-reflection • Goal tracking • Objectivity

Name of Incharge Teachers: -Ashok Kumar Vishwakarma, Anamika singh

Signature of Coordinator: - Ashok Kumar Vishwakarma

Signature of Principal: _____

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27 ,
(TERM-1)

CLASS - VIII

SUBJECT-SOCIAL SCIENCE

MONT H	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIM E ALL OTT ED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/ PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
APRIL	Natural resource and their use-ch1 *Categorisation of Natural resources *Connection between the distribution of natural resources and different aspects of life *Implication of unsustainable use or over exploitation of natural resources	9H	*The different types of resources like natural resources, localized resources and human made resources. *The different categories into which resources can be classified. *The need for conservation of resources and the relationship between resources and sustainable development	*SEA1-Make a poster on save earth or conservation of resources.	*Observe the picture given alongside and answer the following questions. *Picture based question	*To be able to identify types of soil, analyse the resource planning, understanding the pattern of crops grown in India, agenda 21, various types of soil erosion causes of land degradation.
	Reshaping India's political map-ch2 *Reshaping of India political boundaries due to foreign invasions and the rise	11H	*The origin and significance of the modern period of Indian history *About the major of information for understand Indian modern history *The meaning and significance of	SEA-2 Visit any historical building or monument of the medieval period .mention the experience of your visit along with the architectural features of the	*Picture study *Source based question MAP SKILL :- Mark and label the following places on an outline map of India: 1. Somnath	*Analyses the effect of various changes in early human society from nomadism to settled life early civilisation.

	of new dynasties. *Response of Indian society to invasions and the economy of India during times of political instability *Impact of this period on the lives of people		terms such as colonialism.	place you visited.	2. Mathura 3. Delhi 4. Gwalior 5. Ranthambore 6. Chittorgarh 7. Mewar 8. Daulatabad 9. Warangal 10. Ahmadnagar 11. Golkonda 12. Gulbarga	
JUNE	Universal Franchise and India's Electoral System CH-5	9H	*Define universal adult franchise *Identify the eligibility criteria for voting *Meaning of an Electoral System *Working of India's Electoral system	'Money power influences election results more than people's choice" organise a debate on this topics .	*Picture study *Source based questions	*Understanding democratic principles *Knowledge of electoral process Constitutional awareness Application of knowledge
JULY <u>PT1- GEO- CH1;H -CH-2</u>	The rise of the Marathas CH-3	11H	*The Marathas and their rise to become the largest pan Indian power before the British *Some feature of Maratha governance *Impact of the Maratha empire in Indian history	SEA3 *Create a model of a fort using waste materials like card board ,straws,clays. MT1- Mark the places on an outline map of India – Indore,Nagpur,Pune,Satara,Kolhapur,Thanjavur,Raigad,Sindhudurg	*Picture study *Source based question	*Historical understanding *Knowledge of leadership *Chronological thinking *Political awareness *Geographical understanding *Strategic thinking *Cultural appreciation
	The parliamentary system legislature and	9H	*Structure of India's parliamentary system *Key functions of the parliament	Organise a youth parliament session in your school .take help	*Picture based question *Source based question *Map work	*Understanding constitutional structure *Knowledge of legislature

	executive CH-6		*Roles of the legislature and the executive in India's parliamentary democracy *Organisation of the legislature and the executive at the union and state levels	from your teacher about the procedures.		*Knowledge of executive *Decision making and accountability
AUGU ST	The colonial Era in India CH-4	11H	*Meaning of colonialism *Why did Europeans come to India? *India 's Economic and geopolitical standing before and during the colonial period *Impact of British colonial domination on India	Write a report on the impacts of colonial policies on peasants and artists.	*Map skill *Picture based *Source based question	*Colonialism *Europeans come to India *Colonial dominations on India
	Factor of production CH-7	9H	*Different factors of production *sInterconnection of different factors *Role of humans capital in production and its facilitators	MT3 - Design a colourful and information poster showing the process of manufacturing a car.	*Picture based question *Source based questions *Conduct a debate in the class on the topic which factor of production is the most important	*Factors of production *Technology an enabler of production *How are the factors connected *Responsibilities towards factors of production
SEPTE MBER	TERM 1 H-CH-3,4 POL-CH-5,6 ECO-CH-7 GEO -CH-1		REVISION			

Name of In-charge Teachers: MRS VIOLET, MRS RAJVINDER, MRS PRABHA, MRS JHINUK

Signature of Coordinator: MRS ALPHONSA JOSDAS

Signature of Principal:

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27

CLASS - 8

SUBJECT-CHEMISTRY

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/ PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
APRIL	LS-3 Coal and petroleum Inexhaustible and exhaustible natural resources Fossil fuels Formation of coal and its products Formation of petroleum & refining process. Advantages of using LPG, CNG	16 hrs	Students will be able *How the various inexhaustible and exhaustible natural resources are different from each other. *Define fossil fuels and identify examples like coal, petroleum, and natural gas. *Explain how coal and petroleum are formed over millions of years. *Describe the products of coal such as coke, coal tar, and coal gas. *Identify the fractions of petroleum and their uses (LPG, petrol, diesel, kerosene, etc.). *Understand the process of refining of petroleum. *Relate the uses of petroleum products in daily	Make a pictorial presentation Of fractional distillation showing the various constituent of petroleum with its uses. By-products of Coal Chart Create a chart explaining: Coke, Coal tar, Coal gas Add pictures and real-life uses.	<i>Save Fuel Campaign Poster</i> Design a poster with slogan chart on: "Save Fuel for Future" "Say No to Fossil Fuel Waste" (Include tips like: Use public transport. Switch off engines at signals.)	Scientifically they will understand process of formation and extraction of coal and petroleum. Through critical thinking and problem solving will be able to analyze the advantages and disadvantages of using coal and petroleum as energy resources. Recognizing the importance of sustainable energy sources and their role in protecting the environment help to develop environmental awareness.

	Meeting energy crisis		life (transport, cooking, industries). *Explain why fossil fuels are considered non-renewable resources. *Suggest ways to use fuels judiciously and conserve energy.			
JULY /AUGUST PT-1 (Ls-3)	LESSON-4 COMBUSTION AND FLAME Burning and combustion Conditions essential for combustion Types of combustion How to we control fire? Flames and its zones	15 hrs	Students will be able to understand about burning and combustion and to differentiate between combustible and non-combustible substances. They will be able to know about the various condition necessary for combustion to take place. They will be able to identify and classify the different types of combustion as rapid, slow, spontaneous, explosive Explain methods to control fire (removing fuel, oxygen, or heat). They will be able to understand about	To test the combustibility of various substances as straw, stone piece, paper, glass, wood, charcoal, iron nail and record the observation as combustible and non-combustible. To make a list of various fuels and arrange them according to their ignition temperature	Make a poster/collage showing the impact of burning fuels on the environment.	Scientifically investigate in understanding the concept of combustion and recognising the types of combustion. Through critical thinking analysing the condition necessary for combustion to occur. Communicating scientific ideas effectively in making combustion and flames to others.

	Fuels and characteristics of good fuel Impact of burning on the environment.		flames and distinguish the zones of flame. Students will be able to know about fuel, its type and characteristics of good fuel They will be able to list the negative impact of fuel combustion on health and environment.	(from low to high)		
SEPTEMBER	HALF YEARLY EXAMINATION (Ls3,4)					
OCTOBER AND NOVEMBER	LESSON-11 CHEMICAL EFFECTS OF ELECTRIC CURRENT Liquids conduct electricity (Distilled water, tap water, sea water, rain water)	18 hrs	Students will be able to classify the liquids into good and poor conductors of electricity. They will understand about the electrical conductivity of liquid i.e. liquids can conduct electricity. They will learn that the chemical changes happen in the solution when electric current is pass through it.	To demonstrate the activity showing electrical conductivity of current in liquid as salt water, distilled water, oil, honey, tap water. To demonstrate change in colour caused by chemical effect of	Create a diagram showing the electrodes, electrolyte and chemical reaction occurring during electrolysis In a creative way. To create a poster illustrating the	Developing a scientific skill in understanding the concept of electrolysis. Thinking creatively and develop new ideas and products related to electrolysis and its application. Develop the critical thinking by analysing the chemical
PT-2 (Ls-11)						

	Electrolysis of water		They will be able to differentiate between electrolyte and non-electrolytes, anode and cathode.	electric current using potato, and wheat flour (to find out the cathode and anode)	application of electrolysis	reaction occurring during electrolysis
	Electroplating and its application		They will know about the electroplating and its application They will understand the process of electrolysis and its application.	To demonstrate an electrolysis experiment, observe and record the changes		
DECEMBER	CLASS ACTIVITIES ON CHEMICAL EFFECT OF ELECTRIC CURRENT					
JANUARY	ACTIVITIES AND REVISION					
FEBRUARY	FINAL EXAM (Ls -4, Ls-11)					

Name of Incharge Teachers: _Mrs. Zeenat Arif, Mrs. Leena Shukla_____

Signature of Coordinator: _Mrs. BINDU DALAL_____

Signature of Principal: _____

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