

DRONACHARYA PUBLIC SCHOOL, MUBARIKPUR

SYLLABUS -2024-25

CLASS- 7th, Subject: Science

Name of Prescribed Book: SCIENCE MARVEL

Publication: Dr. Renuka Kaul

Month	Physics	Chemistry	Biology	Activities	Assignments /Project
April			1. Nutrition in plants 2. Nutrition in animals	<ul style="list-style-type: none"> To show the proper mechanism of digestion with the help of 3D digestive system. Plant cell study using onion peel. 	<ul style="list-style-type: none"> Make a chart on the topic nutrition.
May	1. Time and Motion	(1)Physical and chemical change (2)Heat and its effects (3) Acids, Bases and salts		<ul style="list-style-type: none"> To study that melting of candle wax is a physical change. To check the burning of magnesium ribbon is a chemical change To show that heat travel through solid by conduction. 	
June	Summer vacation				
July			(1) Respiration in organisms (2)Transpiration in animals and plants	<ul style="list-style-type: none"> To observe the mechanisms of breathing. To observe that exhaled air has carbon dioxide To measure the pulse or heart rate To make our own stethoscope 	
August	(1)Electric current and its effects PT1 Exam		1. Reproduction in plants	<ul style="list-style-type: none"> To show that electric current flow through close circuit and stop in open circuit To observe vegetative propagation in onion. 	<ul style="list-style-type: none"> Make a flow chart on Reproduction in plants.
September	Revision for Half yearly exam		(1) Fibre to fabric		<ul style="list-style-type: none"> Collect data of some Indian breed of sheep, quality of wool and state where they found.

October		(1)Waste water story (2)Winds,Storms and Cyclones		<ul style="list-style-type: none"> To show that air expand on heating To prove that air exert pressure. 	<ul style="list-style-type: none"> To make a assignment on waste water treatment plant.
November			(1)Weather,Climate and Adaptations (2)Soil	<ul style="list-style-type: none"> To demonstrate that soil contains air To study the water holding capacity and calculate percentage of absorption of water by different types of soils. 	<ul style="list-style-type: none"> Make a report of weather from newspaper for 10 consecutive days.
December	(1)Light (2)Water			<ul style="list-style-type: none"> To show that light travel in a straight line. To understand the characteristics of image formed by a plane mirror. 	<ul style="list-style-type: none"> To study the rain fall map of India.
January	(1)Forest our lifeline				<ul style="list-style-type: none"> Collect data of national park and sanctuary in India.
February	Revision				
March	Annual Exam				

DRONACHARYA PUBLIC SCHOOL, MUBARIKPUR

SYLLABUS -2024-25

CLASS- 7th, Subject: Social Science

Books Prescribed: Time Tales

Publication: Indiannica Learning

Month	History	Civics	Geography	Activity
April	Where, When and How (Ch-1)	Understanding Democracy(Ch-1)	Our Environment(Ch-1) Structure of the Earth (Ch-2)	Group activity, Picture Study, Group discussion Assignment,
May	New Kings and Kingdoms (Ch-2)	Democracy in Action(Ch-2) (PT1)	Movement of the Earth (Ch-3)	Role play, Picture Study, Group Activity, Quiz,
June		Summer Vacation		
July	The Delhi Sultanate(Ch-3) The Mughal Empire(Ch-4)	How Do State Government Works?(Ch-3)	Major Landforms (Ch-4) Composition and Structure of the Atmosphere (Ch-5)	Map work, Group discussion, Role play, Assignment, Group Activity
August	Architecture in Medieval India(Ch-5)	Role of the State Government in Distribution of Resources(Ch-4)	Elements of Weather and Climate (Ch-6)	Chart Making, Group Activity, Dairy writing, Quiz
September	Revision Term 1 Exam	—	—	—
October	Towns, Traders and Craftspeople(Ch-6)	Understanding Media(Ch-5)	The Water (Ch-7) Natural vegetation and wildlife (Ch-8)	Group discussion, Role play, Map work, case study, Report Writing
November	Tribal and Nomadic Communities(Ch-7)	Role of Gender(Ch-6) (PT2)	Human Environment (Ch-9) Life in Tropical and Subtropical Regions (Ch-10)	Map work, Assignment, Picture Study,
December	Religious Beliefs and Popular Movements(Ch-8) Emerging Regional Cultures(Ch-9)	Market Around Us(Ch-7)	Life in Temperate Grasslands (Ch-11)	Case study, Map work, Picture Study, Role play, Diary Entry, Quiz
January	New Political Formations in the 18 th Century(Ch-10)	(PT3)	Life in the Desert (Ch-12)	Group activity, Map work, Assignment, Map work, Quiz
February	Revision			
March	Annual Exam			

DRONACHARYA PUBLIC SCHOOL, MUBARIKPUR

SYLLABUS -2024-25

CLASS- 7th Subject: Maths

Name of Prescribed Book: Start Up Mathematics

Publication: Viva Publication

Month	Unit	Chapter's name	Activity	Assignment/ Project
April	Number system	<ul style="list-style-type: none"> Knowing our numbers(integers) Fractions Decimals 	To add or subtract numbers using number line	Properties (Closure, commutative, associative ,distributive)
May		<ul style="list-style-type: none"> Rational numbers Exponents and Powers 	Metric conversion star step method	Laws of exponents
June		SUMMER VACATIONS		
July	Algebra Data handling	<ul style="list-style-type: none"> Algebraic expressions Linear equations in one variable Data handling Probability 	To drive the algebraic identities with the use of coloured papers.	Collect the data of number of people from atleast 20 houses and find mean ,mode of the data.
August		<ul style="list-style-type: none"> Revision for half yearly 		
September	Geometry	<ul style="list-style-type: none"> Line and angles Properties of Triangles Congruence of Triangles 	Verify exterior angle property	Verify sum of two side is greater than 3 rd side
October		<ul style="list-style-type: none"> Representing 3D in 2D Symmetry 		Draw symmetrical figures on chart.
November	Mensuration	<ul style="list-style-type: none"> Mensuration 	Finding the area and perimeter of school hall and basketball court	
December	Ratio and proportion	<ul style="list-style-type: none"> Comparing quantities 		Conduct a survey and find the time spent by the students on various activities and find the % of each activity with total time.
January			Revision	
February			Revision	
March			Exams	

DRONACHARYA PUBLIC SCHOOL, MUBARIKPUR

SYLLABUS -2024-25

CLASS- 7th Subject: ENGLISH

Name of Prescribed Book: English Weaver

Publication: Eupheus Learning

Month	Literature Book	Grammar	Reading	Writing
April	1. The Story of Equals 2. The Caged Parrot	1. Articles 2. Pronouns 3. Nouns	Ch. 26 What Katy Did	Notice Writing
May	3.The Donkey 4. Dal Delight	4. Determiners 5. Phrasal Verbs 6. Adjectives	Ch.27 Leaving Japan	Message Paragraph
June	Summer Holidays Homework Revision of first 4 lessons.	Holidays Homework	Holidays Homework Ch. 28, 29 and 30	
July	5.Lost in the Interest PT-1 will be taken	7. Transitive and Intransitive Verb 8. Modals	Ch. 31 The Ransom of Red Chief Ch. 32 My Franks	Poster Making
August	6.Those Winter Sundays 7.When the Guavas are ripe	9. Tenses 10. Adverbs 11. Sentences	Ch. 33 Count Your Jumbos Ch. 34 The Story Teller	Story Report
September	Revision for Term 1	12. Prepositions 13. Conjunctions	Ch. 35 Stopping by Woods On a Snowy Evening	Letter
October	8.Balto to the Rescue 9. After Blenheim PT-2 will be taken	14. Phrases 15 Clauses 16. Voice		Essay and Biography
Month	Literature Book	Grammar	Reading	Writing
November	10.The Adventure of the Blue Carbuncle 11.Rosa Parks's Flight for Justice	17. Subject -Verb Agreement 18. Reported Speech 19. Finite and Non- Finite Verbs		
December	12. The Chimney Sweeper	20 Punctuation 21. Transformation and Synthesis		
January	Revision PT-3 will be taken			
February	Final Exam.			
March	Final Exam.			

DRONACHARYA PUBLIC SCHOOL, MUBARIKPUR
SYLLABUS -2024-25
CLASS- 7th, Subject: Hindi

Name of Prescribed Book:

Publication:

Month	पाठ्य-पुस्तक	व्याकरण	लेखन	अन्य क्रियाकलाप
April	1.आशा का दीपक (कविता) 2.प्राचीन शिक्षण संस्थान (लेख)	भाषा व्याकरण वर्ण -विचार शब्द विचार	विज्ञापन रचना निबंध लेखन	प्राचीन व आधुनिक शिक्षा में अंतर
May	3.भिक्षापात्र (कहानी) 4. मां , कह एक कहानी (कविता) बनारस के अद्भुत घाट (पठन)	संज्ञा शब्द निर्माण	पत्र लेखन संवाद लेखन	यदि आपको रास्ते में कोई घायल पक्षी मिल जाए तो आप क्या करेंगे
June	ग्रीष्मावकाश			
July	5.छोटा जादूगर (कहानी) 6.श्रेष्ठ भारत (वार्तालाप)	शब्द भंडार संधि	सूचना लेखन	भारत के दर्शनीय स्थलों का कोलाज बनाइए
August	7. युगावतार गांधी (कविता) 8.हंसने वाली मछली (लोककथा) भारत की चित्रकलाएं (पठन)	संज्ञा के विकार - लिंग, वचन, कारक	दैनंदिनी लेखन	मछलियों पर चित्रात्मक परियोजना तैयार कीजिए
September	अर्द्धवार्षिक परीक्षा	अर्द्धवार्षिक परीक्षा		
October	9. चिकित्सा का चक्कर (व्यंग्य) 10. मनभावन सावन (कविता)	सर्वनाम विशेषण क्रिया	अनुच्छेद लेखन	हिंदी महीनों के नाम
Month	Literature Book		Reading	Writing
November	11. सत्यप्रिय शहर (प्रसंग) 12. चेतो - जागो (नाटक) कुंडलियां (पठन)	काल अव्यय	पत्र लेखन	भ्रष्टाचार रोकने के लिए सरकार कौन - कौन से कदम उठाती है? क्या वे पूर्णतः भ्रष्टाचार रोकने में सफल होते हैं
December	13. दोहा दशक (कविता) 14. शहीदों के पत्र (पत्र)	वाक्य विचार अशुद्धि शोधन विराम चिह्न	कहानी लेखन	किन्हीं पांच क्रांतिकारियों के चित्र चिपकाकर उनके बारे में पांच - पांच पंक्तियां लिखिए ।

January	15. खुशियों का खजाना (निबंध)	मुहावरे- लोकोक्तियां अपठित बोध	ऐसा कोई काम जिसे करने से आपको खुशी मिलती है
February	पुनरावृत्ति		
March	वार्षिक परीक्षा		

DRONACHARYA PUBLIC SCHOOL, MUBARIKPUR
SYLLABUS -2024-25
CLASS- 7th , Subject: SANSKRIT

Name of Prescribed Book: Sankalpam

Publication: Avichal

Month	पाठ्यपुस्तक	ट्याकरण	लिखित क्रियाकलाप	मौखिक व: अन्यक्रियाकलाप
April	1. मंगलाचरणम्	1. उच्चारणस्थानं, वर्णसंयोजनं, वर्णविन्यासं	उच्चारण स्थानं, वर्ण-विन्यास व वर्ण-संयोजन लिखना, श्लोक अन्वय लिखना	श्लोक उच्चारण करना
May	2. सर्पमूषकयोः कथा 3. प्रभातवेला	2. संज्ञाप्रकरणम् 3. क्रिया प्रकरणं	संज्ञा शब्द रूप लिखना लकार, पुरुषः, वचनों को लिखना	पाठ से संबंधित अन्य कथा का परिचय प्राप्त: करना प्रश्न- निर्माण करना
June		ग्रीष्मकालीन अवकाश		
July	4. मतिः एव बलात् गरीयसी	4. सर्वनाम प्रकरणं 5. अव्ययः	सर्वनाम व: अव्यय शब्दों को लिखना वाक्यों को घटना क्रम में लिखना	अव्यय शब्दयोः के द्वारा वाक्य प्रयोग करना
August	5. हास्यश्लोकाः 6. लेखन्याः आत्मकथा	6. अशुद्धि संशोधनं	लकार, पुरुष, वचन व: लिंग अनुसार वाक्य नेह संशोधन करना	पाठ से संबंधित अन्य श्लोक व पाठ परं आधारित प्रश्न- निर्माण करना
September		7. सन्धिः,	शब्दों का सन्धि-संयोजन व सन्धि- विच्छेद लिखना	सन्धि चार्ट तैयार करना
October	7. चौरस्य चातुर्यम्	8. उपसर्गाः प्रत्ययाः च	पाठ मे आए उपसर्ग व: प्रत्ययो को अवगत कारके लिखना	उपसर्ग व: प्रत्ययों का ज्ञान पाठ-विषय पर आधारित अन्य लघु-कथा लिखना
November	8. भल्लुकस्य पुच्छं किमर्थं नास्ति	9. शब्दभण्डारम् 10. सम्वादम्	लकार-परिवर्तन करके लिखना पदों को विभक्ति क्रम में लिखना सम्वाद लेखन करना	प्राकृतिक -सौन्दर्य से संबंधित चार्ट तैयार करना शब्द- भण्डार के शब्दों का संस्कृत में उच्चारण करना

December	9. नीतिश्लोकाः	11. संख्या प्रकरण 12. घटिका ज्ञानं	संख्यावाची शब्दों को लिखना। अंक स्थानं पर समयवाचक शब्दों को लिखना	संख्यायाः की शब्दों का संस्कृत में उच्चारण करना समय-ज्ञात करना
January	10. अत्र किं वैशिष्ट्यं नैव क्लिष्टा न च कठिना	13. चित्रं वर्णनम् 14. अपठित गद्यांशं	चित्र को देखकर वाक्य- लिखना गद्यांश को पढ़कर प्रश्नों के उत्तर लिखना	पाठ में आए शब्दों से वाक्य रचना करना वः शब्दों का पद- परिचय करना
February	दोहराई			
March	वार्षिक परीक्षा			

DRONACHARYA PUBLIC SCHOOL, MUBARIKPUR**SYLLABUS -2024-25****CLASS- 7th , Subject: COMPUTER****Name of Prescribed Book: Brainy Cloud (Ver. 2.0)****Publication: Brainwave Informatics Publishing Company**

Month	Chapter	Practical and project
April	Ch 1: Know How Computers Works	<ul style="list-style-type: none">• Tell about internal and external part of computer and their work• Discuss about working of computer, languages etc.
May	Ch 2: More on Ms Excel Ch 3: Data Analysis with Ms Excel Ch 4: Introduction to HTML 5	<ul style="list-style-type: none">• Practical with Ms Excel(create chart, validation and sorting data & Auto Filter)• Practical with HTML(how, why and where we use)
June	Summer Vacations	
July	Ch 5: HTML 5- Text Formatting	<ul style="list-style-type: none">• Practical with HTML(TEXT FORMATTING TAGS)
August	Revision	<ul style="list-style-type: none">• Revise all chapter with practical
September	Term 1 exam	
October	Ch 6: Knowing Artificial Intelligence Ch 7: AI Domains	<ul style="list-style-type: none">• Discuss artificial technology use in real life and make task easy• Discuss AI technology domains(NLP,CV, DS)
November	Ch 8: Introduction to Python Ch 9: Coding with Python	<ul style="list-style-type: none">• Practical with Python• Practical with Python with coding
December	Ch 10: Cyber security & Netiquette	<ul style="list-style-type: none">• Role and uses of internet in daily life and talk about network behaviours.
January	Revision	
February	Revision	
March	Final exam	