DELHI PUBLIC SCHOOL, SRINAGAR
Syllabus: Grade 7 - Session 2026

MARCH			
SUBJECT	**TOPICS**		
ENGLISH	**LITERATURE** ● Light in the Night ● No	**LANGUAGE**	**SUPPLEMENTARY** ● A Scandal in Bohemia
		GRAMMAR ● Adverbs and its types ● Pronouns- its types	**WRITING SKILLS** ● Diary entry ● Letter Writing (Informal)	
MATH	● Integers ● Decimals		
SCIENCE	**PHYSICS CHEMISTRY** ● Electric Current And Its Effects		**BIOLOGY** ● Nutrition In Plants
SOCIAL-SCIENCE	● India in the Medieval Period and ● Emergence of New Kingdoms{clubbed} <u>Deleted Topics:</u> The Gurjara-Pratiharas, The Palas, The Rashtrakutas, The Cholas, Kings and the ministers, Revenue, Irrigation, Army, Chola Administration, Chola temples, Sculptures and paintings ● Water and its Circulation Deleted Topics: Importance of tides, Ocean currents, Effects of ocean currents		
URDU	۱۔ نظم : حمد باری تعالیٰ ۲۔ سبق : ٹیپو سلطان ۳۔ قواعد: اقسام فعل بلحاظ فاعل ۴۔ درخواست نویسی (دفتری)		
HINDI	**LITERATURE** कविता – आया वसंत , आया वसंत पाठ- हींगवाला	**LANGUAGE** पाठ संबंधित व्याकरण सर्वनाम तथा भेद पर्यायवाची शब्द विलोम शब्द रचनात्मक लेखन- अनुच्छेद लेखन।	
KASHMIRI	**LITERATURE** ● Recaptulation of sounds ● Hamud ● Khuda Chune Mandchavaan	**LANGUAGE** ● Wahid Jamah ● Ner Maade	
IT	● Computer Networks ● Web App development with HTML and CSS		
ROBOTICS	● Introduction to Embedded C ● Basic Instructions in Arduino ● Installing & setting up Arduino IDE ● Pind diagram of Arduino Uno	**Activity1**: Introduction to Embedded C – Explain how code interacts with hardware; show simple examples like turning an LED ON/OFF. **Activity 2:** learn basic instruction in c setup (), loop () **Activity 3:** Explore Arduino Uno Pin Diagram – Students learn the function of each pin (digital, analog, power, GND). **Activity 4:** Connect multiple LEDs and write simple code to turn them ON/OFF in sequence.	

APRIL			
SUBJECT	**TOPICS**		
ENGLISH	**LITERATURE** ● January Night ● Evening on the mountain	**LANGUAGE**	**SUPPLEMENTARY** ● The Red-headed League ● A Case of Identity
		GRAMMAR ● Idioms Adjectives and types	**WRITING SKILLS** ● Story Writing ● Diary Entry ● Precis Writing	
MATH	● Decimals ● Rational Numbers		
SCIENCE	**PHYSICS CHEMISTRY** ● Acids, Bases and Salts ● Temperature and Heat		**BIOLOGY** ● Nutrition in Pants (continue) ● Nutrition in Animals
SOCIAL-SCIENCE	● Democracy and Equality ● The Sultans of Delhi		

URDU	<div dir="rtl">۱۔ سبق : غالبؔ ۲۔ سبق: چیونٹی ۳۔ قواعد : اقسام فعل بلحاظ زمانہ ۴۔ مضمون نویسی وغلط درست جملے ۵۔ افہام و تفہیم نثر</div>		

	LITERATURE	LANGUAGE
HINDI	पाठ - राखी का मूल्य पाठ -राजा के तीन सवाल पाठ.- झाँसी की रानी केवल पढने के लिए	पाठ संबंधित व्याकरण विशेषण एवं चार भेद रचनात्मक लेखन - पत्र लेखन
KASHMIRI	LITERATURE • Lal Ded • Khoon te Khoonech Kami	LANGUAGE • Muhavrey • Lafez Mutazad
HINDI	LITERATURE पाठ-सफलता की कुंजी पाठ-मिराया का जन्मदिन	LANGUAGE पाठ संबंधित व्याकरण अकर्मक तथा सकर्मक क्रिया वचन रचनात्मक लेखन - चित्र लेखन

IT	• Web App development with HTML and CSS (continued) • Introduction to Python	
ROBOTICS	• Conditional Statements & Decision- Making • How robots decide actions • Using if, else if, and else • Reading digital inputs (button) • Reading analog inputs (LDR)	**Activity5**: Turning an LED ON/OFF using a Button **Activity6**: Controlling an LED based on Light Intensity (Analog Sensor)

MAY			
SUBJECT	**TOPICS**		
ENGLISH	LITERATURE ● The story of an Invitation ● Tom Sawyer and Huckleberry Finn	LANGUAGE **GRAMMAR** ● Tense (Present and Past Tense)	**WRITING SKILLS** • Essay Writing • Precis Writing **SUPPLEMENTARY** • The Boscombe Valley Mystery • The Five Orange Pips
MATH	• Rational Numbers • Powers and Exponents • Algebraic Expressions		
SCIENCE	PHYSICS CHEMISTRY • Temperature and Heat (continue) • Water: A precious Resource	BIOLOGY • Nutrition in Animals (continue) • Respiration in Organisms	
SOCIAL-SCIENCE	• Our Environment • Institutions of Democracy • The Structure of the Earth		
URDU	<div dir="rtl">۱۔ نظم : بہار ۲۔ سبق : دو گز زمین ۳۔ قواعد: سابقے لاحقے متشابہ الفاظ ۴۔ تخلیقی صلاحیت ، افہام و تفہیم نظم ۵۔ خطوط نویسی (ذاتی)</div>		
HINDI	LITERATURE पाठ - राखी का मूल्य पाठ -राजा के तीन सवाल पाठ.- झाँसी की रानी (केवल पढने के लिए)	LANGUAGE पाठ संबंधित व्याकरण विशेषण एवं चार भेद रचनात्मक लेखन - पत्र लेखन अनुच्छेद लेखन	
KASHMIRI	LITERATURE • Aasmanek Taarak Wanaan Insaanes	LANGUAGE • Pout Loug Brouhn Loug	
IT	• Introduction to Python (contd…) • Introduction to Data Science.		
ROBOTICS	• Loops in Arduino	**Activity 3**: Servo Radar System – Sweep a servo motor	

• For loop • While loop • Importance of loops in robotics • Repeating actions (LED blinking, sensor monitoring)	**Activity 4:** LED Blinking Using For Loop **Activity 5:** Sensor Monitoring Using While Loop

JUNE			
SUBJECT	**TOPICS**		
ENGLISH	**LITERATURE** ● The Listeners (RC) ● The Sri Krishna Eating House	**LANGUAGE** **GRAMMAR** Adjectives for comparison	**WRITING SKILLS**
			SUPPLEMENTARY • The Man With the Twisted Lip • The Adventure of Blue Carbuncle
MATH	• Algebraic Expressions • Linear Equations		
SCIENCE	**PHYSICS CHEMISTRY** • Water: A Precious Resource (Continue)	**BIOLOGY** • Respiration In Organisms (Continue)	
SOCIAL-SCIENCE	• The Structure of the Earth (contd.) • The Mughal Empire • The State Government		
URDU	۱۔ عملی سرگرمی ۲۔ سبق : چالاک مچھیرا		
HINDI	**LITERATURE** पाठ.- प्रेमचंद जी के साथ दो दिन पाठ - माँ कह एक कहानी	**LANGUAGE** पाठ संबंधित व्याकरण क्रिया विशेषण रचनात्मक लेखन - संवाद लेखन	
KASHMIRI	**LITERATURE** • Keishir Zabaan	**LANGUAGE** • Letter Writing • Essay Writting	
IT	• Introduction To Data Science (Contd…)		
ROBOTICS	• Serial Communication • Understand serial monitor • How Arduino communicates with PC • Use Serial.begin(), Serial.print(), Serial.println() • Monitor sensor using serial monitor	**Activity 6**: Send Flex Sensor Data to Serial Monitor **Activity 7**: Send LDR sensor data to serial monitor	

AUGUST			
SUBJECT	**TOPICS**		
ENGLISH	**LITERATURE** ● Waiting ● The Machine Stops	**LANGUAGE** **GRAMMAR** ● Active Passive ● Punctuation	**WRITING SKILLS** ● Diary entry ● Formal letter
			SUPPLEMENTARY • The Adventure of the Speckled Band • The Adventure of the Engineer's Thumb
MATH	• Ratio and Proportion • Lines and Angles		
SCIENCE	**PHYSICS CHEMISTRY** • Time and Motion • Wastewater Management	**BIOLOGY** • Transportation Of Substances In Animals & Plants	
SOCIAL-SCIENCE	• Earth Movements And Major Landforms Deleted topics: Landforms made by glaciers, Land forms made by wind, Land forms made by waves • Rise Of Autonomous States		
URDU	۱۔ نظم : باپ کی نصیحت ۲۔ سبق : آلودگی ۳۔ قواعد : ہم تلفظ الفاظ ،واحد جمع جمع الجمع ۴۔ عملی سرگرمی ۵۔ متشابہ الفاظ		
HINDI	**LITERATURE** पाठ-चरैवेति- चरैवेति पाठ- कार्टून कला के पितामह कविता- नर हो , न निराश करो मन को	**LANGUAGE** पाठ संबंधित व्याकरण संधि-विच्छेद तथा गुण संधि मुहावरे	

	LITERATURE		LANGUAGE	
KASHMIRI	• Gurduwara Chatti Paadshahi • Chaath		• Wahid Jamah • Ner Maade	
IT	• Introduction to Prompt Engineering for Generative AI • Advanced Python Programming			
ROBOTICS	• Receive data from serial monitor • Use Serial.begin(), Serial.print(), Serial.Read() • Use Serial to debug sensors		**Activity 8**: Control Traffic Light Using Serial Communication **Activity 9:** Control motor using Serial commands	

SEPTEMBER				
SUBJECT	**TOPICS**			
ENGLISH	**LITERATURE** ● The Lumber-Room ● The Three Questions ● The Lake isle of Innisfree	**LANGUAGE** **GRAMMAR** ● Words used as different parts of speech ● Prepositions and its types	**WRITING SKILLS** ● Essay ● Article Writing	**SUPPLEMENTARY** • The Adventure of the Noble Bachelor • The Adventure of the Beryl Coronet
MATH	• Properties of Triangles • Congruence of Triangles			
SCIENCE	**PHYSICS CHEMISTRY** • Wastewater Management (continue) • Light		**BIOLOGY** • Transportation of Substances in Animals & Plants (continue) • Reproduction in plants	
SOCIAL-SCIENCE	• Gender And Gender Inequality • Elements Of Weather And Climate			
URDU	۱۔ سبق : ہندوستان کی جنگِ آزادی ۲۔ سبق : پہیے کی ایجاد ۳۔ قواعد: اقسامِ فعل بلحاظ معنی ۴۔ تخلیقی صلاحیت و غلط درست جملے ۵۔ مضمون نویسی			
HINDI	**LITERATURE** पाठ- पुस्तक मेला पाठ -पत्थर क्या सोचता है		**LANGUAGE** पाठ संबंधित व्याकरण सूचना लेखन पत्र लेखन	
KASHMIRI	**LITERATURE** • Duniya • Talmeeh		**LANGUAGE** • Muhavrey • Lafez Mutazad	
IT	• Advanced Python Programming. (continued) • 2D lists in Python.			
ROBOTICS	• Working of IR sensors • Understanding black & white surface reflection • Robot decision-making using sensor input • Smart greenhouse environment		**Activity 10**: Build Line Follower Robot – Arduino-controlled robot that follows a line automatically. **Activity 11:** Build Smart Greenhouse System – Automate fan, water pump, and lights;	

OCTOBER				
SUBJECT	**TOPICS**			
ENGLISH	**LITERATURE** ● The Picture Frame (RC) ● Daffodils ● Julius Caesar	**LANGUAGE** **GRAMMAR** ● Direct Indirect	**WRITING SKILLS** • Article writing	**SUPPLEMENTARY** • The Adventure of the Cooper Beeches
MATH	• Congruence of Triangles • Perimeter and Area Deleted Topics: Area between two rectangles, Circumference and area of a circle.			
SCIENCE	**PHYSICS CHEMISTRY** • Light (Continue) • Chemicals & Chemical Changes		**BIOLOGY** • Reproduction In Plants (Continue)	

SOCIAL-SCIENCE	• Religious Ideas In The Medieval Period • Understanding Media	
URDU	۱۔ سبق : جھانسی کی رانی ۲۔ قواعد : مترادفات ومتضاد ۳۔ سابقے لاحقے وتذ کیروتانیث ۴۔ تخلیقی صلاحیت ۵۔ عملی سرگرمی وافہام تفہیم نظم ۶۔ خطوط نویسی (ذاتی)	
HINDI	**LITERATURE** पाठ – गुब्बारे पर चीता मीरा के पद (केवल पढने के लिए)	**LANGUAGE** पाठ संबंधित व्याकरण रचनात्मक लेखन - अनुच्छेद लेखन विज्ञापन लेखन
KASHMIRI	**LITERATURE** • Kasheir Hund Oundh Poukh • Aazedi	**LANGUAGE** • Krawut te Dakhe Krawut • Letter and Essay Writing (Recaptulation)
IT	• App development with MIT App Inventor • Advanced MIT App Inverter.	
ROBOTICS	• How robots detect edges (table edge / white boundary) • Robot decision-making using sensor input • Avoiding falling from edges • Controlling motors based on sensor readings	**Activity 1** Build an edge avoider Robot – Arduino- controlled robot that follows a line automatically.

CLASS INCHARGE   ACADEMIC INCHARGE   PRINCIPAL