## R K SARDA VIDYA ASHRAM

(Run under the Aegis of Shri RamKishore Sarda Seva trust) Affiliated to C.B.S.E (Affiliation No.3330369)



## Half – Yearly Examination Date sheet and Syllabus CLASS-8 A / B

Date/Class	Day	VI	VII	VIII
08 - Sep	Mon	Robotics Th.	Robotics Th.	Robotics Th.
09 - Sep	Tues	G.K.	G.K.	G.K.
13-Sep	Sat	Math	Science	Sanskrit
15-Sep	Mon	English	Math	Computer
17-Sep	Wed	Hindi	Computer	Math
19-Sep	Fri	Sanskrit	Sanskrit	English
22-Sep	Mon	SST	English	Science
24-Sep	Wed	Science	SST	Hindi
26-Sep	Fri	Computer	Hindi	SST

## **Robotics - Practical**

Date	Day	Class
04 – Sep	Thurs	8A
06 – Sep	Sat	8B

Subject	Resources	Syllabus		
English	Literature	Ch. 1- The Three Questions, Ch. 4- Communication, Ch 5. The Tea Kettle, Ch 6. Paradise on Earth, Ch 7 Nation's Strength, Ch 8. All by Electricity, Ch. 9- The Nightingale and the Glow-worm		
	Grammar	Adjectives, Adverbs, Determiners, Simple Tenses, Continuous Tenses, Perfect Tenses, Modals and Auxiliary, Non-Finite Verbs,		
	Creative Writing:	Dialogue Writing, Descriptive Paragraph Writing, Message Writing		
	Reading:	Comprehension Passage		
Hindi	वसंत:	पाठ-1 लाख की चूड़ियाँ , पाठ-2 बस की यात्रा , पाठ-3 दीवानों की हस्ती , पाठ-4 भगवान के डाकिए , पाठ-5 क्या निराश हुआ जाए ,पाठ-6 यह सबसे काठी समय नहीं		
	ट्याकरण:	पाठ-२ वर्ण -विन्यास , पाठ-३ संधि , पाठ-४ शब्द-रचना और शब्द भंडार , पाठ-६ संज्ञा , पाठ-७ संज्ञा के विकार -लिंग, वचन,पत्र (औपचारिक /अनौपचारिक),निबंध		
	भारत की खोज	पाठ-1 से पाठ-5 तक		

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Sanskrit	रुचिरा:	Ch.1-सुभाषितानि, Ch.2-बिलस्य वाणी न कदापि मे श्रुता,				
		Ch.3-डिजी भारतं, Ch.4-सदैव पुरतो निधेहि चरणं,				
		Ch.5-कण्टके नैव कण्टकं, Ch.6-गृहं शून्यं सुतां विना				
	ट्याकरण	शब्द रूप, सर्वनाम रूप, धातु रूप, कारक, पत्र, अपठित गद्यांश, अनुवाद				
Maths	NCERT:	<ol> <li>Rational Numbers,</li> <li>Linear Equations in One Variable,</li> <li>Understanding Quadrilateral,</li> <li>Square and Square Roots,</li> <li>Cubes and Cube Roots,</li> </ol>				
	R S Aggarwal:	Objective exercises and Test Papers of respective Chapters				
Science	NCERT:	Biology: Ch -2 Microorganisms: Friends and Foe. Ch-5 Conservation of plants and animals, Chemistry: Ch-3: Coal and Petroleum, Ch-4: Combustion and Flame Physics: Ch-8: Force and Pressure, Ch9: Friction, Ch-10: Sound				
	Worksheet:	Biology : Ch -2 Microorganisms: Friends and Foe.  Ch-5 Conservation of plants and animals				
Social Science	History-	Ch-1 Introduction: How, When and Where Ch-2 From Trade to Territory the Company Establishes Power Ch-3 Ruling the Countryside				
	Geography-	Ch-1 Resources Ch-2 Land, Soil, Water, Natural Vegetation and Wildlife Resources				
	Political Science-	Ch-1 The Indian Constitution Ch-2 Understanding Secularism Ch-3 Parliament and the Making of Laws				
Computer	DCode8:	Theory: Ch. 2 - OpenShot Video Editor, Ch. 3 - Log On To Access, Ch. 4 - Working with Queries, Forms and Reports, Ch. 5 - Introduction to Data Science  Practical: Ch. 2 - OpenShot Video Editor, Ch. 3 - Log On To Access, Ch. 4 - Working with Queries, Forms and Reports				
G.K.	Empowering GK	Unit 2 - Incredible India , Unit 3 - Inspiring Personalities				
Robotics	Project 1 and Project 2	Theory-: What is power ratio? spedd ratio, How to calculate gear ratio? gear pair, gear, gear reduction, gear train, what is design cycle?(design, ideate, prototype, evaluate, reflect) Engineering parts or components and their name. Mechanical Advantages.  Practical-: ITTY BITTY WINCH(gear ratio)				

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