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-7 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	Comp.
17-Sep	Wed	Hindi	Comp.	Math
19-Sep	Fri	Sanskrit	Sanskrit	English
22-Sep	Mon	SST	English	Science
24-Sep	Wed	Science	SST	Hindi
26-Sep	Fri	Comp.	Hindi	SST

Robotics - Practical

Date Day Class 01 – Sep Mon 6B

Subject	Resources	Syllabus			
English	Literature	Ch. 2- Be the Best of Whatever You are, Ch. 4- On the Grasshoppe and the Cricket, Ch. 5- The Umbrella Man, Ch. 6- Somebody's Mother, Ch. 7- Bright Spark, Ch. 8- Gravity, Ch. 9- The Face on the Wall			
	Grammar	Adjectives, Adverbs, Articles, Simple Tenses, Continuous Tenses, Perfect tenses, Modals and Auxiliaries, Non-finite Verbs			
	Creative Writing:	Diary Entry, Notice Writing, Formal Letter			
	Reading:	Comprehension Passage			
Hindi	वसंतः	पाठ-2 हिमालय की बेटियाँ , पाठ-3 कठपुतली , पाठ-4 मिठाईवाला , पाठ-5 पापा खो गए , पाठ-6 शाम एक किसान , पाठ-7 अपूर्व अनुभव			
	ट्याकरण:	पाठ-2 वर्ण -विन्यास , पाठ-3 संधि ,पाठ-4 शब्द-रचना , पाठ-7 संज्ञा , पाठ-8 संज्ञा के विकार -लिंग पाठ-9 वचन ,पत्र (औपचारिक /अनौपचारिक),निबंध			
	बाल महाभारतः	देवव्रत , भीष्म प्रतिज्ञा , अंबा और भीष्म , विदुर			
Sanskrit	रुचिरा:	Ch.1-सुभाषितानि, Ch.2-दुर्बुद्धिः विनश्यति, Ch.3-स्वावलंबनं, Ch.4-पण्डिता रमाबाई, Ch.5-सदाचारः			

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	ट्याकरण	शब्द रूप, सर्वनाम रूप, धातु रूप, कारक, पत्र, अपठित गद्यांश, अनुवाद			
Maths	NCERT:	 Integers, Fractions and Decimals, Data Handling, Simple Equations, Lines and Angles, The Triangles and its Properties 			
	R S Aggarwal:	Objective exercises and Test Papers of respective Chapters			
Science	NCERT:	Ch -1 Nutrition in plants. Ch -2 Nutrition in Animals. Ch - 3 Heat. Ch -4 Acids, bases and salts. Ch -5 Physical and chemical changes. Ch - 9 Motion and time. Ch -12 Forest			
	Worksheet:	Ch -1 Nutrition in plants. Ch -2 Nutrition in Animals. Ch - 3 Heat. Ch -4 Acids, bases and salts. Ch -5 Physical and chemical changes. Ch - 9 Motion and time. Ch -12 Forest			
Social Science	History- Geography-	Ch - 2 New Kings and Kingdoms , Ch - 3 Delhi 12th to 15th Century Ch - 3 Our Changing Earth, Ch - 4 Air			
	Political Science-	Ch - 1 On Equality, Ch - 2 Role of Government in Health, Ch - 3 How the State Government Works			
Computer	DCode7:	Theory: Ch. 2 - Advanced Features of Excel, Ch. 3 - More on GIMP, Ch. 5 - Introduction to Robotics, Ch. 8 - Introduction to App Development Practical: Ch. 2 - Advanced Features of Excel, Ch. 3 - More on GIMP			
G.K.	Empowering GK	Unit 2 - Incredible India , Unit 3 - Inspiring Persona			
Robotics	Project 1 and Project 2	Theory-: Gear Reduction, gear train, Torque, Power ratio, How to find out gear ratio?, Power transfer, what is idler gears? what is design cycle?(design, ideate, prototype, evaluate, reflect) Engineering parts or components and their name. Mechanical Advantages. Practical-: idler gears			

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