

**DIRECTORATE OF EDUCATION  
Govt. of NCT DELHI**

**WEEKLY SYLLABUS**

**2010 – 2011  
SUBJECT – GENERAL SCIENCE  
CLASS – VIII**

\*\*\*\*\*

**UNDER THE GUIDANCE  
OF**

**Mrs. ANITA SATIA  
Dy. DIRECTOR OF EDUCATION  
DISTRICT - SOUTH  
NEW DELHI**

**DR. SANJAY CHATURVEDI  
PRINCIPAL  
KGSBV, CHIRAG ENCLAVE  
NEW DELHI - 48**

**Prepared By**

**Mr. CHITENDER S. VERMA  
T.G.T. (N.Sc.)  
K.G.S.B.V. CHIRAG ENCLAVE N.D. 48**

**Mr. GIRRAJ SINGH  
T.G.T. (N.Sc.)  
K.G.S.B.V. CHIRAG ENCLAVE N.D. 48**

**WEEKLY SYLLABUS (2010-2011)**  
**SUBJECT : GENERAL SCIENCE**

Week	No. of Working Days	Contents	Activities/Practicals/Projects
01.04.2010 to 03.04.2010	2	Lesson 1: Crop Production and Management (1.1 – 1.5)	Related Activities Practical 1: Conditions necessary for Germination of Seeds.
05.04.2010 to 09.04.2010	6	Lesson 1: Crop Production and Management (1.6 –1.10) Lesson 3: Synthetic Fibres and Plastics (3.1 – 3.3)	Related Activities Project Work 1: Preparation of Herbarium File of various kinds of seeds.
12.04.2010 to 17.04.2010	6	Lesson :3 SyntheticFibres and Plastics (3.4 – 3.6) Lesson 11: Force and Pressure (11.1 – 11.3)	Project Work 2: Collection of various synthetic fibres and study their properties.
19.04.2010 to 24.04.2010	6	Lesson 11: Force and Pressure (11.4 – 11.7)	Practical 2: To study various types of forces and their impacts.
26.04.2010 to 01.05.2010	6	Lesson 11: Force and Pressure (11.8 –11.10)	Practical 3: To study the increase in pressure exerted by liquids at greater depths.
03.05.2010 to 07.05.2010	5	Lesson 2: Micro-Organisms: Friends and Foes (2.1 – 2.4)	Practical 4: (i) To study the permanent slides of micro - organisms (ii) To prepare temporary mount of bread mould.
<b>10.05.2010 to 25.06.2010 Summer Vacation</b>			
26.06.2010 & 28.06.2010 to 03.07.2010	1+6=7	Checking of Home Work Lesson 2: Micro-Organisms: Friends and Foes(2.5 – 2.7)	Practical 5: To study the Root nodules in roots of Leguminous plants.
05.07.2010 to 09.07.2010	5	Lesson 4: Materials: Metals and Non-Metals (4.1 – 4.2)	Practical 6: Study of: (i) Physical properties of Metals and Non-metals (ii) Chemical Properties of Metals and Non-metals
12.07.2010 to 17.07.2010	6	Lesson 4:Materials: Metals and Non-Metals(4.3 ) Lesson 8: Cell structure and functions (8.1 –8.2)	Practical 7: To study: (i) the nature of oxides of oxidesof Metals and Non-metals. (ii) Displacement Reaction.

19.07.2010 to 24.07.2010	6	Lesson 8: Cell structure and functions (8.3 –8.4)	Practical 8: To study the structure of unicellular organisms: (i) Amoeba (ii) Paramecium; with the help of permanent slides.
26.07.2010 to 31.07.2010	6	Lesson 8: Cell-structure and functions (8.5 – 8.6)	Practical 9: To prepare a temporary mount of: (i) Onion peel (ii) Human cheek cells
02.08.2010 to 07.08.2010	6	Lesson 15: Some natural phenomenon (15.1 – 15.4)	Related Activities
09.08.2010 to 13.08.2010	5	Lesson 12: Friction (12.1 – 12.3)  Lesson 15: Some natural phenomenon (15.5– 15.7)	Practical 10: To study that the (i) Force of Friction depends on the nature of the two surfaces in contact. (ii) Wear and tear of moving objects by rubbing.
16.08.2010 to 21.08.2010	6	Lesson 12: Friction (12.4 – 12.6)	
23.08.2010 to 28.08.2010	6	Revision :Lesson 1-3	
30.08.2010 to 04.09.2010	5	Revision :Lesson 4-8,12	
06.09.2010 to 10.09.2010	4	Revision :Lesson 15 Discussion of CCEP Exam.	08.09.2010 first CCEP Exam.
<b>13.09.2010 to 20.09.2010 First Term Exam.</b>			
21.09.2010 to 25.09.2010	5	Lesson 7: Conservation of Plants and Animals (7.1 – 7.7)	Project Work 3: To collect information about steps being taken to protect endangered species
27.09.2010 to 30.09.2010	4	Lesson 7: Conservation of Plants and Animals (7.8 – 7.12)	
<b>01.10.2010 to 17.10.2010 Closer of school due to Commonwealth Games (Autumn Break)</b>			
18.10.2010 to 23.10.2010	5	Lesson: 5 Coal and Petroleum (5.1 – 5.4)	Related Activities
25.10.2010 to 30.10.2010	6	Lesson: 13 Sound (13.1 to 13.8)	Practical 11: To study the Structure of Human Ear with the help of a model/ chart.
Page No. 2			
01.11.2010 to 06.11.2010	5	Lesson: 14 Chemical	Practical 12: To study the

		Effects of electric Current (14.1 – 14.4)	phenomenon of Electrop-lating by a simple circuit.
08.11.2010 to 12.11.2010	5	Lesson 18: Pollution of air and water (18.1 – 18.9)	Related Activities
15.11.2010 to 20.11.2010	6	Lesson 16: Light (16.1 – 16.6)	Practical 13: To show that angle of incidence is equal to the angle of reflection.
22.11.2010 to 27.11.2010	6	Lesson 16: Light (16.7 – 16.10)	Practical 14: Study of structure of human eye with the help of a model/ chart.
29.11.2010 to 04.12.2010	6	Revision of Lesson 5,7,13 and 14	
06.12.2010 to 09.12.2010	4	Revision of Lesson 16 and 18	
<b>10.12.2010 2<sup>nd</sup> CCEP Exam.</b>			
<b>13.12.2010 to 22.12.2010 2<sup>nd</sup> Term Exam.</b>			
23.12.2010 to 24.12.2010	2	Discussion of II Term Question Paper	
<b>27.12.2010 to 07.01.2011 Winter Break</b>			
10.01.2011 to 15.1.2011	6	Lesson 6: Combustion and Flame (6.1 – 6.7)	Practical 15: To study the parts of a flame. Project- Model of Fire-Extinguisher (Pg. 76 no. 5)
17.01.2011 to 22.01.2010	6	Lesson 9: Reproduction in Animals (9.1 – 9.3)	Practical 16: To study sexual reproduction in Frog (life cycle) with the help of specimen/chart. Practical 17: To study various modes of Asexual Reproduction with the help of permanent slides (Hydra and Amoeba)
24.01.2011 to 29.01.2011	5	Lesson 10: Reading the age of Adolescence (10.1 – 10.9)	Project Work 4: Food and Nutrition . Practical 18: To study the position of Endocrine glands in humanbody with the help of chart.
31.01.2011 to 05.02.2011	6	Lesson 17: Stars and Solar System (17.1 – 17.5)	Project Work 5: to prepare a model of Solar System/ Eclipse/various phases of Moon/Constellation.
07.02.2011 to 11.02.2011	5	Revision Lesson 1-5	

14.02.2011 to 19.02.2011	6	Revision Lesson 6-10	
--------------------------	---	----------------------	--

21.02.2011 to 28.02.2011	6	Revision Lesson 11-18 & commencement of common Annual Exam.
<b>01.03.2011 to onward – Common Annual Exam.</b>		
<b>31.03.2011 Announcement of Result of C.A.S.E.</b>		

Page No. 4

\*\*\*\*\*