



# S.G.D. MODERN SCHOOL [ Affiliated to CBSE (10+2) ]

Chirkunda . Dhanbad - 828202



**Class : IX Syllabus for Half-Yearly/Mid-Term Examination (2020-2021)**

## Subject : English Lang. & Lit. (184)

Beehive	Ch-1 The Fun They Had , Ch-2 The Sound of Music Ch-3 The Little Girl , Ch-4 A Truly Beautiful Mind Poem: Wind , The Road Not Taken The Rain on the Roof , A Legend of the Northland
Moments	Ch-1 The Lost Child , Ch-2 The Adventures of Toto Ch-4 In the Kingdom of Fools , Ch-5 The Happy Prince Ch-6 Weathering the Storm in Ersama
Practice Papers in English	SEC-A and B as per the chapters taught in the class SEC C- Literature- Assignment- 1 to 8, 23 to 28, 31,32, 43 to 46, 49 to 53
Literature Companion English	Page : 7 to 41, 106 to 124 , 132 to 140, 169 to 182, 191 to 211.

## Subject : Science (086)

**PHYSICS :**  
CH . 1 . MOTION , CH . 2 . FORCE AND LAWS OF MOTION  
CH . 3 . GRAVITATION

**CHEMISTRY :**  
CH . 2 . IS MATTER AROUND US PURE ?

**BIOLOGY:**  
CH . 1 . THE FUNDAMENTAL UNIT OF LIFE ,CH . 2 . TISSUES

**PRACTICAL :**  
EXP . –PREPARATION OF  
A . A TRUE SOLUTION OF COMMON SALT , SUGAR AND ALUM .  
B . A SUSPENSION OF SOIL,CHALK POWDER AND FINE SAND IN WATER .  
C . A COLLOIDAL SOLUTION OF STARCH IN WATER AND EGG IN ALBUMIN / MILK IN WATER AND DISTINGUISH BETWEEN THESE ON THE BASIS OF TRANSPARENCY, FILTRATION CRITERION, STABILITY .

EXP . –PREPARATION OF  
A . A MIXTURE B . A COMPOUND  
USING IRON FILLINGS AND SULPHUR POWDER AND DISTINGUISHING BETWEEN THEM ON THE BASIS OF  
I . APPEARANCE ( HOMOGENEITY AND HETEROGENEITY) II . BEHAVIOR TOWARDS A MAGNET  
III . BEHAVIOR TOWARDS CARBON DISULPHIDE AS A SOLVENT  
IV . EFFECT OF HEAT

EXP . –PERFORM THE FOLLOWING REACTIONS AND CLASSIFY THEM AS PHYSICAL AND CHEMICAL CHANGES:  
I . IRON WITH COPPER SULPHATE SOLUTION IN WATER  
II . BURNING OF MAGNESIUM RIBBON IN AIR  
III . ZINC WITH DILUTE SULPHURIC ACID  
IV . HEATING OF COPPER SULPHATE CRYSTALS  
V . SODIUM SULPHATE WITH BARIUM CHLORIDE IN THE FORM OF THEIR SOLUTIONS IN WATER

EXP . –PREPARATION OF STAINED TEMPORARY AMOUNTS OF  
A . ONION PEEL B . HUMAN CHEEK CELLS AND TO RECORD OBSERVATIONS AND DRAW THEIR LABELLED DIAGRAMS

## Subject : Information Technology (402)

### Functional English

CH-1 : Communication Skills-I  
CH-2 : Self-Management Skills – I

CH-1 : ICT SKILL BASIC  
CH-3 A & B : DIGITAL DOCUMENTATION (BASIC)  
CH-4 : ELECTRONIC SPREADSHEET (BASIC)  
CH-3 C: DIGITAL DOCUMENTATION (MAIL MERGE)  
PRACTICAL: MS WORD

1. Booklet (Enrichment-1)	: 20 Marks
2. Online MCQ (Periodic Test-1)	: 10 Marks
3. Note Books (Classwork Copies)	: 20 Marks
4. Open Book Test (Half-Yearly/Mid-Term):	40 Marks
5. Online MCQ (Half-Yearly/Mid-Term)	: 10 Marks
<b>Total</b>	<b>: 100 Marks</b>

## Subject : Mathematics (041)

NEW DIMENSIONS IN MATHEMATICS	1. Number Systems 2. Exponents of Real Numbers and Rationalisation 3. Algebraic Identities and Algebraic Expressions 4. Polynomials 5. Linear Equations in Two Variables 8. Lines and Angles 9. Triangles 10. Quadrilaterals 13. Constructions 15. Surface Area and Volume of a Cuboid and Cube
LAB MANUAL	Activity No. 1,2,4,5,6

## Subject : Social Science. (087)

**History-**  
Ch-1 The French Revolution  
Ch-2 Socialism in Europe and the Russian Revolution

**Geography-**  
Ch-1 India-Size and Location Ch-2 Physical Features of India  
Ch-3 Drainage(only map items from this chapter will be evaluated)

**Political Science-**  
Ch-1 What is Democracy? Why Democracy?  
Ch-2 Constitutional Design (Democratic Constitution in South Africa-deleted)

**Economics-**  
Ch-1 The Story of Village Palampur  
Ch-2 People as Resource Ch-3 Poverty as a Challenge

**Map Pointing : History- Ch-1,2 Geography- Ch-1,2,3**  
Lab manual : **Geography** Project-1,2,3,4  
**History**- Project-1,2,3,4,5,6  
**Political Science**- Project-1,3,4  
**Economics**- Project- 1,2,3

## Subject : Bengali (005)

SAHITYA	গদ্য - ছুটি , চিঠি পদ্য - খেয়া , এই জীবন
SANCHAYAN	CH - 1 কুঠির মাঠ , CH - 2 আমের কুশি, CH - 3 গ্রীষ্ম দুপুর , CH - 4 দুগুগা দিদি, CH - 5 নেবুর পাতায় করমচা , CH - 6 গুরুমশাই, CH - 7 আতুরী ডাইনি
AAM ANTIR	CH - 1 সন্ধি(স্বর) – যুক্ত সন্ধি (স্বর)- বিযুক্ত CH - 2 বাক্য পরিবর্তন ( অস্বার্থক , ন্যস্বার্থক )
BHEMPU	
BYAKARAN O ROCHONA	বোধ পরীক্ষণ , বিজ্ঞপ্তি লিখন , প্রতিবেদন লিখন

## Subject : Hindi (002)

क्षितिज भाग - 1	CH-1 दो बैलों की कथा , CH- 2 लहासा की ओर Ch-4 साँवले सपनों की यादें , CH-10 वाख Ch-11 सवैये , Ch-12 कैदी और कोकिला
कृतिका भाग - 1	CH-2 मेरे संग की औरतें , CH-3 रीढ़ की हड्डी
व्याकरण	CH- 2 शब्द निर्माण उपसर्ग , प्रत्यय , CH-3 समास, CH-5 अलंकार , संवाद , अनुच्छेद लेखन, पत्र लेखन, अपठित गद्यांश

**Syllabus for Half-Yearly as per CBSE Guidelines (Amidst Global Pandemic) for Curriculum , Online Classes , Assignments , Note Book and Examinations.**

Regards  
Principal