



D.A.V. Public School

Madhepur (Madhubani)

Home Assignments for winter break 2017-2018

Class- VI

SCIENCE

Define the following on chart paper:-

- i) Biotic component and A Biotic component.**
- ii) Biodegradable and Non- biodegradable waste**
- iii) Compost and vermicomposting.**
- iv) Rain water harvesting**
- v) Minerals cycle**
- vi) Balancing of O^2 and CO^2 in atmosphere**

Chap-2

- i) Taste of sugar, starch, protein and vitamin**
- ii) Mal –nutrition**

Chap-3

- i) Properties of matter saturated solution and unsaturated solution**

Chap- 4

- i) Homogenous and Heterogeneous**
- ii) Separation of solid to solid, solid to liquid.**

SOCIAL SCIENCE

1. Learn Q/Ans.

- i) Chapter – 6, 18, 19, and 24**

MATHEMATICS

Do solve question in the following chapter.

- i) Chap- 5 Percentage and its Application**
- ii) Chap- 6 Introduction to Algebra**

- iii) Chap- 7 Linear Equations.
- iv) Chap- 15 Perimeter and Area.

I.C.T

- i) Revise uses of spread sheet (Page no 110, 111)

ENGLISH

English (Literature) –

- i) Learn and portion for periodic test
- ii) Hanuman and I, Attila, The case of copied question paper and our tree.

English (Practice)

Modals and passive voice.

HINDI

APATHITH GADYANSH LEKHAN

NIBANDH

MAHARSHI DAYANAND

MERE JEEVAN KEE ABHILASHA

AVEDAN PATRA

**PANI KEE UCHIT VYAVASTHA KE LIYE PRACHARY KO AAVEDAN
PATRA**

**PARISHRAM KA MAHATVA BATATE HUYE MITRA KO PATRA
LIKHIYE**

READER:- LEARN CHAPTER 12 TO 20

PRACTISE:- LEARN CHAPTER 12 TO 20



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Class – VII

ENGLISH

Literature 20% Syllabus from 1st term.

A stormy Adventure.

Fight, Manju, Fight !

Spider and the fly (A Fable)

80% syllabus from 2nd term Chap- 9, 10 and 11

(Practice) – 20% syllabus from 1st term Article, Passive voice, Modals

80% syllabus from 2nd term.

Reported speech

Future time Reference,

Perfect Progressive Tense

WRITING SECTION

Dialogue completion, Notice , Report Writing

E-mail Writing

Informal letter speech Writing

SOC. SC.

Complete fair note book.

Learn and revise questions and answers

Memorize map work.

MATHS

Solve questions of chapter 11,9,and 7

HINDI

Gadyansh Lekha

NIBANDH

KARM HI PUJA HAI

MERE SAPANO KA BHARAT

MANAVTA

ABHYAS SAGAR

Learn and Revise chapter 13,14,15,16,18 and20

GYAN SAGAR

Learn and Revise chapter 19,15,13,16,and 18

Letter writing

Shulk mukti hetu prachary mahoday jee ko patra

Pustakalaya adhyaksh ko pathyakrama ke sabhi pustakon ke liye aavedan patra

SCIENCE

Mode of nutrition

Digestion

Rumeants

What is Acid, Base and Salt ?

Nutrilation Reaction

Uniform and non-uniform motion

Respiration

Xylem and Phloem

Difference between artery and vein

Excretory system



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CLASS VIII

ENGLISH

Literature :- Revise all chapters

GRAMMAR: practice sample papers 2017-2018

WRITING SKILLS: Letter to Editor

Speech writing

Message and Notice

COMPUTER

Revise all programme

SOC. SC.

Complete fair note book

And learn questions and answers

Do practice of map work

MATHS

Revise chapter Polynomials, Quadrilaterals

SCIENCE

Revise chapter 1,2,3,4,5,9,12,14,15 and 20

HINDI

REVISE CHAPTER:-

11,12,13 and 14 all questions and answers

PRACTISE:- Revise chapter 11,12,13,and 14

GRAMMAR:- pratya aur up pad vibhakti se vakya rachna



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Class IX

Sub. Soc. Sc.

Economics

1. Complete fair notebooks .
2. Learn chap. 3 and 4
3. Frame 20 MCQ from chap 3 (Also write their answers)

GEOGRAPHY

- 1 complete fair notebooks
- 2 Learn chap 4 5 and 6
3. Frame 20 MCQ with answers from chap 3

HISTORY

- 1.Complete note book
- 2.Revise chapters 1,2,3 and 4

POLITICS

- 1.Complete note book
- 2.Revise chapters from 1 to 6.

MATHS

1. Five sample sets (problems with solutions)
2. Prepare note book for circles Quadrilaterals Area from NCERT problems with solutions.

SCIENCE

Biology

1 Describe at least three disease caused by

- (a) Protozoa (b) Bacteria (c) Virus
- (b) Extrinsic and Intrinsic factor
- (c) Mode of Transmission of Disease
- (d) Structure of Virus (T.M.V.)

2. Five characteristic features of

1. Protozoa to Echinodermata

2. Fish to mammals

CHEMISTRY

1. Calculate the molecular mass of

a. $C_6H_{12}O_6$

b. HNO_3

c. $K_2Cr_2O_7$

d. $KMnO_4$

e. H_2SO_4

f. HCl

2. Solve the question of Mole concept

3. Describe Latent Heat of Fusion and Vaporization

PHYSICS

1. Make the diagram of human ear
2. Define work Energy and power and write formula
3. Prove that $K.E. = \frac{1}{2}mv^2$
4. Prove that $P.E. = mgh$
5. Prove that $F = \frac{Gm_1m_2}{r^2}$
6. Define motion Displacement and velocity
7. Prove that $v^2 = g^2 + 2a$
8. Prove that $S = ut + \frac{1}{2}at^2$
9. Make the diagram of speed and time for non-uniform motion.

ENGLISH

1. Literature---Revise all chapters
2. Grammar---- Practice sample paper
3. Writing Skill----- Story Writing
4. Novel-----The Diary of a young girl (character sketches)

HINDI

Reader----- (kshitiz)

Learn and revise questions and answers of all chapters(2ndTerm)

GRAMMAR----- Learn and revise all topics (2nd Term)

KRITIKA-----Learn and revise questions and answers of chapter 21 and 22.

SANSKRIT

Read & Rivise Chapter -9,10,11,12,13,
Grammar-uppad vibhakti –dwitiya to saptami,
Sandhi-swar,vyanjan,visarg
Learn Pratyay,sabdroop & Dhaturoop .

ICT

Revise Cyber Security



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CLASS X

ENGLISH

- 1.Literature ----- Revise all chapters
- 2.Grammar Practise sample papers
- 3.Writing Skill ---- Story Writing
- 4.Novel Three Men In A Boat (Important incidents)

HINDI

KSHITIZ----- Learn and revise questions and answers of all chapters (2nd Term)

GRAMMAR-----Learn and revise all topics of 2nd Term

KRITIKA ----- Learn and revise questions and answers of all chapters 2nd Term

SOC.SC.

ECONOMICS

1. Complete fair notebooks.
2. Learn chap-3, 4 and 5
3. Prepare 25 MCQs from chapter 5

POLITICS

1. Complete fair notebooks
2. Learn chap 5,6,and 7
3. Prepare 25 MCQs from chap-4

HISTORY

- 1.Complete fair note book
- 2.Revise chapter 1 ,3,5 and 7.

GEOGARPHY

- 1.Complete fair note book
- 2.Revise chapters from 1 to 7 .

MATHS

- 1.Prepare the solution of 5 sample sets from any of the sample papers
- 2.From NCERT Write the complete solutions of Alebra (POLY.A.P. L.Eq. Quad.eq)
- 3.Tangent to cirle constructions Frustum, Thearems in Triangles

SCIENCE

Biology

1. Diagram of the following:-
 - A. Opening and closing of stomata
 - B. T. S. of leaf showing Mesophycs cell
 - C. Digestive system of Man
 - D. Respiratory system
 - E. Excretory system
 - F. Male and Female Reproductive system
2. Explain with the help of Diagram about

- a. Reflex action and reflex arch
- b. Mendal monohybrid and dihybrid cross
- c. Double Fertilization
- d. Urey Experiment
- e. Asexual Reproduction

CHEMISTRY

1. Hydrocarbon and nomenclature of the following functional group
2. Carboxylic acid
3. Aldehydes
4. Ketones
5. Alcohol
6. Alkyl Halide

Sanskrit

1. Read & Revise Chapter -9,10,11,12,13,
2. Grammar-upad vibhakti –dwitiya to saptami,
3. Sandhi-swar, vyanjan, visarga
4. Learn Pratyay, sandhuroop & Dhatururoop.

ICT

Revise HTML basic.