

MATA SUKHDEVI PUBLIC SCHOOL
HOLIDAY HOMEWORK
CLASS IX (2017-18)

LEARNING OBJECTIVES:

- To enhance psycho-motor skills in students.
- To develop critical thinking in students.
- To develop creative skills in students.
- To promote learning by doing.

SCIENCE

Prepare a PowerPoint presentation on a separation technique used to separate different mixtures present around us.

Roll no.

1-5
6-10
11-20
21-30
31-40
41-45
46-53

Separation Technique

To separate colored component from dye
To separate cream from Milk
To separate immiscible liquids (i.e. oil and water)
To separate sand, salt and Ammonium Chloride
To separate Drugs from blood
To Separate two miscible liquids (Acetone & Water)
To separate pure CuSo₄ from an impure sample

ENGLISH

Collect information on the consumption of water by a family across INDIA, AFRICA and CHINA. Prepared comparative chart giving details on the usage for various household purposes. Compile an analytical report on your findings and suggest practical ways to cut down on water consumption.

SOCIAL STUDIES

1) Discuss traditional methods of fresh water conservation practiced in the following countries

- India
- China
- Africa

2) How far have they been able to achieve conserve their fresh water resources? Compare it by taking year 2006 and 2016 into picture

MATHS

Do all examples of ch-1(Number System), ch-2(Polynomials) , ch-3 (Coordinate Geometry)

Make model on any one of the topics:-

- 1) Use of mathematics in different dresses of different states.
- 2) Decongestion of traffic
- 3) Showing probability on a spinning wheel
- 4) Mathematical city (3-D)
- 5) How mathematics is used in different monuments.

AREA OF ASSESSMENT

- Content 5 Marks
- Presentation 5 Marks
- Creativity 5 Marks
- Understanding of concept 5 Marks

Important Note:

Prepare all the given project on A4 size sheet.