

SAINIK SCHOOL NALANDA
SUMMER VACATION HOMEWORK
SUBJECT-CHEMISTRY

CLASS-VI

SCRAP BOOK ACTIVITY

CHEMICALS THAT WE ARE USING IN EVERYDAY LIFE

LIKE- DETERGENT, SOAP, TOOTHPASTE, SALT, PAINT, PETROLEUM PRODUCTS, OIL, COUGH SYRUP, AND OTHER MEDICINES, SOUCE, VINEGAR, BISCUITS, BAKERY ITEMS etc.

WRITE CHEMICAL COMPOSITION OF EACH CHEMICALS.

EXPLAIN ADVANTAGES AND DISADVANTAGES

PASTE PHOTOGRAPHS ON SCRAP BOOK.

CLASS-VII

1.ACTIVITY BASED ON CHINA ROSE SOLUTION

HOW WILL YOU MAKE CHINA ROSE SOLUTION AS A NATURAL INDICATOR

TEST SAMPLE OF DIFFERENT SOIL BY THE HOME MADE CHINA ROSE SOLUTION

WRITE THE OBSERVATIONS OF ACIDIC SOIL AND BASIC SOIL.

EXPLAIN THE TREATMENT OF ACIDIC AND BASIC SOIL BY THE HELP OF CHEMICALS AND ORGANIC COMPOST.

2. PROJECT ON ACID, BASE, AND SALTS

PROJECT SHOULD BE BASED ON APPLICATIONS IN EVERY DAY LIFE.

PASTE PHOTOGRAPHS OF USEFUL AND HARMFUL EFFECTS OF EXCESS USE OF AN ACID , BASE AND SALTS IN EVERY DAY ACTIVITY.

USE ONLY A4 SIZE PAPERS.

CLASS-VIII

PROJECT ON TWO INDIAN SCIENTISTS

HISTORY OF SCIENTIST

ACHIEVEMENT OF SCIENTIST

IMPACT OF DISCOVERY OF SCIENTIST ON SOCIETY

PASTE RELATED PHOTOGRAPHS ON A4 SIZE PAPERS.

CLASS-IX

PROJECT BASED ON APPLICATION OF DIFFERENT TYPES OF SOLUTIONS

TRUE SOLUTION # COLLOIDAL SOLUTION # SUSPENSION

ELABORATE EXPLANATION OF COLLOIDAL SOLUTION

EXAMPLE- EMULSION, AEROSOL, FOAM, SOL, GEL AND SPONGE etc.

PASTE PHOTOGRAPHS OF DIFFERENT TYPES OF COLLOIDAL SOLUTION

EXPLAIN IMPORTANCE OF SOLUTIONS IN OUR COMING FUTURE.

CLASS-X

PROJECT BASED ON INVESTIGATION OF DIFFERENT TYPES OF CHEMICAL REACTIONS IN EVERY DAY LIFE.

COMBINATION REACTION

DECOMPOSITION REACTION

DISPLACEMENT REACTION

REDOX REACTION

EXPLAIN WITH PHOTOGRAPHS AND DIGRAMS

EXAMPLES- ACID RAIN

RUSTING

RANCIDITY

CHANGE OF COLOURS.

Class xi

Solve all the exercise of unit 1

ALL THE BEST.....