English
Write a letter to the Editor regarding donation for flood relief. (H.W to be done in composition register)

Hindi
साहित्य अभ्यास - (हिंदी साहित्य कॉपी में करें)

अपनी पाठ्य पुस्तक से किसी कहानी को पढ़कर उसका सारांश लिखकर, उससे सम्बंधित पांच सवाल (प्रश्न) तैयार कीजिए ।

व्याकरण अभ्यास - (हिंदी व्याकरण कॉपी में लिखे)

दस विशेषण और दस क्रियाओं के उदहारण व वाक्य लिखिए ।

Maths
Draw a rectangle with sides 6cm and 3cm. On all 4 sides construct equilateral triangles. Find the perimeter of the figure so created. (Use paper cutting and pasting in the above activity)
1. To be done in activity note book.
2. Practice sheet need to be done in C.W Register.

Science
Physics:-
Activity- Exploring the Reflection of Light
Objective:
To understand how light reflects off surfaces and observe the laws of reflection.
  Activity:
1. Materials Needed: A small mirror, A torch or any source of light, protractor, A sheet of paper, A pencil and ruler.

2. Steps to Follow:

1. Place the mirror vertically on a flat surface and secure it.
2. Draw a straight line on the paper to represent the surface of the mirror.
3. Using the protractor, draw a normal at any point on the mirror line.
4. Shine the torch on the mirror at an angle to the normal.
5. Observe and mark the incident ray and the reflected ray
6. Measure the angle of incidence and the angle of reflection using the protractor.
7. Repeat the activity for different angles of incidence.

3. Record Observations by making a table.

Answer the Following Questions:

∗What do you observe about the angle of incidence and the angle of reflection?

∗Does the reflected ray always lie on the same plane as the incident ray and the normal?

∗What does this tell you about the laws of reflection?

Write down your observations and answers to the questions. Submit your assignment in A4 sheet paper.

Chemistry:-

WASTE WATER TREATMENT PLANT-

On an artsheet draw the four stages through which the waste water passes in a WWTP. On the back side of the artsheet make a table mentioning the various steps of each of the four stages.

Biology :-

Use any one vegetative mode of reproduction in plants and grow any one plant.

On the pot itself write the following --

1. Name of the plant

2. Mode of vegetative reproduction

3. Benefits of the type of vegetative reproduction selected.

History/Civics

Collect information and pictures about the classical dance form of India. Make a scrap book (4-5 pages) on the below mentioned topics:

Group 1- Roll no. 1-10 (Kathak)

Group 2- Roll no. 11-20 (Bharatnatyam)

Group 3 – Roll no. 21-30 (Kuchipudi)

Group 4 – Roll no. 31-40 (Odisi)

Geography

Collect pictures showing the life style in Desert region. Paste the pictures on the scrapbook.

R. no. 1 – 10 – (Sahara)

R. no. 11-20 – (Ladakh)

R. no. 21-30 – (Thar)

R. no. 31 – 40 – (Greenland)

Computer

Q. Write the code for Creating table in HTML to show your time table-

School Time Table MONDAY

TUESDAY

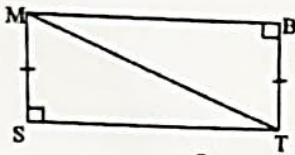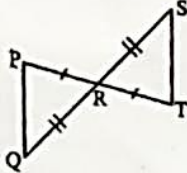WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

GK

Prepare 25 Current Affairs (Dec + Jan) in your notebook.

1. In each pair of triangles in the following figures, parts bearing identical marks are congruent. State the test and correspondence of vertices by which triangle each pair is congruent.
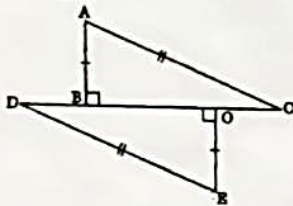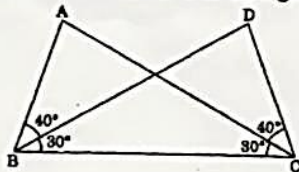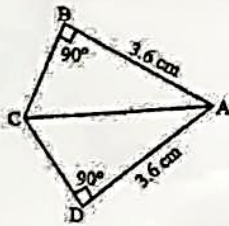
i.

ii.

2. In the given figure, ∠B and ∠O are right angles. Show that △ ABC ≅ △ DOE. Is BC = DO?

3. Two triangles ABC and DBC are given with some measures. Show that △ABC ≅ △DBC . Also name the congruency condition. Is AC = DB?

4. In the given figure, ∠B = ∠D are right angles and BA = AD. Show that △ABC ≅ △ADC by RHS congruency condition.

5. △ABC is isosceles with AB = AC, if ∠A = 80°. What is the measure of ∠B?