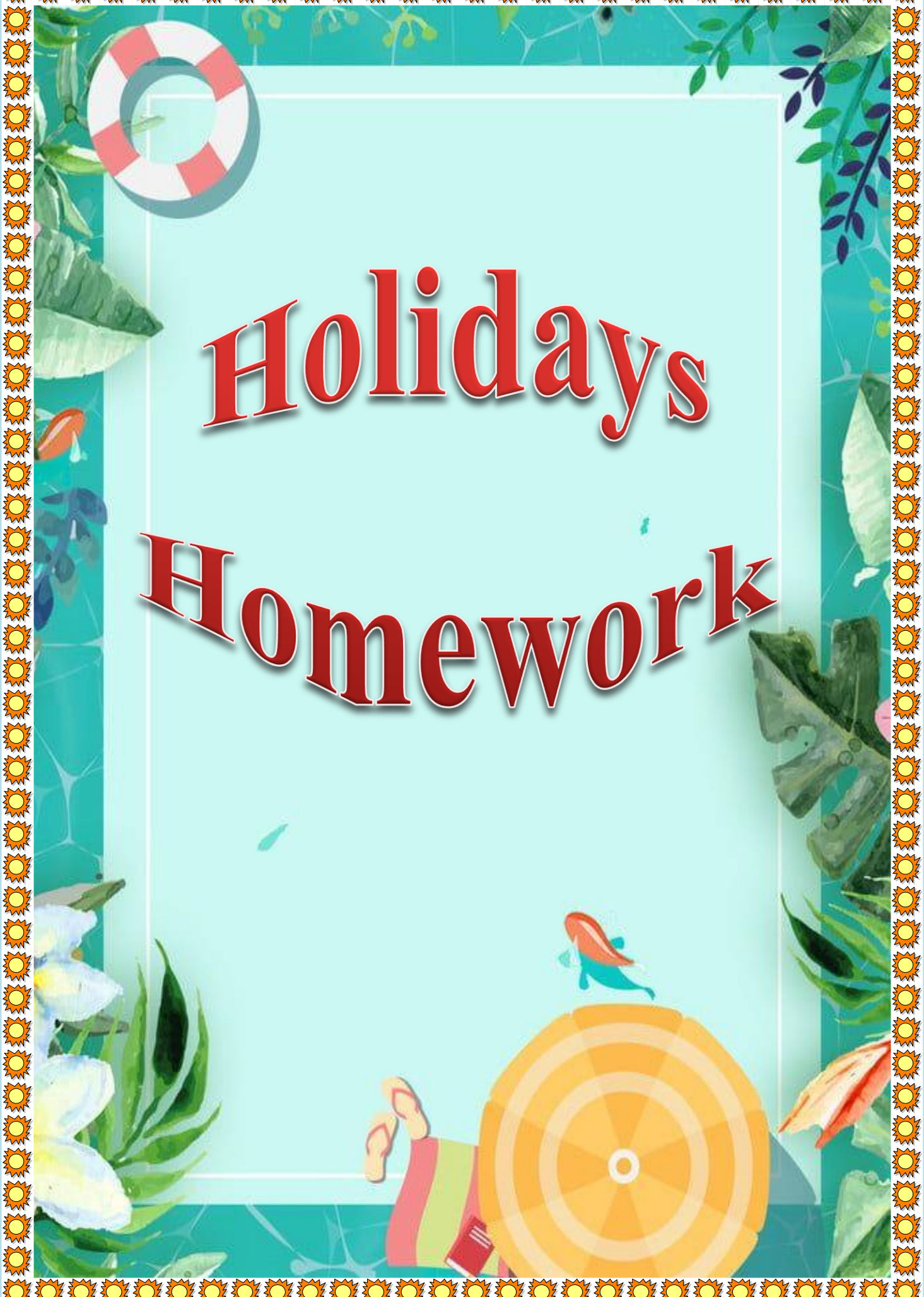

Holidays
Homework

CLASS VIII

Instructions:

1. Parents are requested to only guide their children while doing the assignment.

2. Originality of the work will be appreciated.

3. Model / Homework will be assessed on the basis of neatness, creativity and originality of ideas

English

1**. All** the students will make a project on any one of the following authors as instructed :

- Rabindra Nath Tagore
- William Blake
- John Keats
- William Shakespeare
- Sarojini Naidu

2. All the students will do comprehension passages from page 43 to 64 in module 1

3. Do notice writing on page 77, 79 and 81 in module 2 writing 1

4. Do diary entry from page 88 - 92 in module 2 writing 1

5. Complete exercises of tenses, sentence reordering (which are left)

6. Learn the syllabus done till date.

Science:

Biology:

- Make a model of OVUM (ROLL NO 6)
- Make model On FERTILISATION (ROLL NO 7)
- Make model CYCLE OF FROG (ROLL NO 8)
- Make model on BINARY FISSION (ROLL NO 9)
- Make model on BUDDING IN HYDRA (ROLL NO 10)

2. Learn the syllabus of PT1.

Chemistry:

1. Model demonstrating Electroplating (Roll no 11)

2. Model demonstrating the passage of current (Roll no 12)

3. Learn the syllabus of PT1.

Physics:

* Learn Syllabus of Periodic -1

* Model of Periscope (Roll no 13)

* Model of Kaleidoscope (Roll No 14)

- All students will do the given Worksheet.

SUBJECT: SCIENCE
CLASS – VIII
ASSIGNMENT NO: 2
CHAPTER - LIGHT

Q1. Fill ups:

1) The image formed by a plane mirror shows the phenomenon of _____ inversion.
2) Perpendicular at the point of incidence is_____.
3) Splitting up of light into its color is known as _____ of light.
4) Part of retina which is devoid of light sensitive cells_____.
5) During near vision, ciliary muscles _____, while during distant vision, they expand.
6) _____lens is present in the eyes.
7) _____ protect the inner structure of the eyes.
8) The day birds like Kite, Eagle have more _____ & fewer _____.
9) Reflection of light by a smooth polished surface is_____ reflection.
10) The _____nerves connects the eyes to brain.

Q2. Choose the correct answer:

1. Braille System was developed in
   a) 1891 c) 1791
   b) 1888 d) 1821

2. The image formed by a plane mirror is
   a) Always real c) Always virtual
   b) Sometimes real & sometimes Virtual depending upon the distance of object from the mirror. d) Real but diminished

3. The no. of multiple images formed by two plane mirrors, if the angle between them is 72°
   a) 4 c) 5
   b) 6 d) 7

Computer

1. Model on Personal Area Network (PAN) (Roll No: 31)

- Concept: Demonstrate a PAN setup with interconnected personal devices.
- Materials: Small toy gadgets (like smartphones, tablets, laptops), wires, cardboard, and markers.
- Presentation:
- Central Device: Place a smartphone at the center, connecting to devices like a laptop, smartwatch, an earphones using colored wires (Bluetooth or USB).
- Labels: Mention the technologies used (Bluetooth, Infrared, USB).
- Example: Highlight how a smartphone connects to a smartwatch and laptop simultaneously.
- Tip: Add a brief note about the typical range (up to 10 meters) and use cases.

2. Model on Ring Topology (Roll No: 32)

- Concept: Illustrate the structure of a ring topology n…2. Model on Ring Topology (Roll No: 32)
- Concept: Illustrate the structure of a ring topology network.
- Materials: Circular cardboard base, toy devices (computers/routers), strings, and arrows.
- Presentation:
- Circular Layout: Arrange the devices in a circle.
- Connections: Use strings to connect each device to the next, forming a closed loop.
- Flow Arrows: Show the direction of data flow (either clockwise or bidirectional).
    - • Explanation: Write a brief note about how data travels in a ring and how a break in the ring affects communication.

- Tip: Use colored markers to differentiate between data flow directions.

3. Model on ATM Machine (Roll No: 33)

- Concept: Create a replica of an ATM machine and explain how it works.
- Materials: Cardboard box, printed keypad, small screen printout, fake currency notes, and markers.
- Presentation:
- Structure: Make a box with a screen, keypad, cash dispenser, and card slot.
- Function: Show the steps - card insertion, PIN entry, cash withdrawal.
- Flowchart: Attach a small flowchart on one side depicting the transaction process.
- Tip: Include a note about secure transactions and how ATMs connect to banking servers.

4. Model on Social Media (Roll No: 34)

- Concept: A 3D representation of the interconnectedness of social media platforms.
- Materials: Globe model, logos of platforms (Facebook, Instagram, Twitter), strings, and push pins.
- Presentation:
- Global Impact: Use the globe as a base to show how social media connects the world.
- Platform Icons: Attach platform logos to different parts of the globe.
- Connections: Use strings to show how one post can reach global audiences.
- Positive & Negative Impact: Use colored flags or pins to indicate positive (like awareness) and negative (like misinformation) effects.
- Tip: Include real-world examples like viral challenges or global awareness campaigns. Robotics Holidays Homework

Robotics

Collect some scrap things from your home and build a robotic model out of it. (Rollno19, 20,26.27,28,29)

SOCIAL STUDIES

Students should show there caliber in art and craft by making following projects as, the Models will represent the creativity and passion

(Roll No 15,16): Make a 3D model on the different Resources on Earth (Natural and Manmade)

(Roll No 17,) : Make a 3D model on unity in diversity (India)

Note : Revise PT -1 syllabus for all students:

I. FILL IN THE BLANKS. (10 Marks)

1._____ was the last Mughal ruler.

2. Vasco da Gama found out the sea route to India in _____.

3. The English East India Company granted Right to trade in East

from_____ the ruler of England in 1600.

4. The first English factory was set up on the banks of the river _____in 1651.

5. Murshid Quli khan the Nawab of Bengal was followed by_____ and_____.

6. In the Battle of Plassey Company's army was led by_____.

7. After the death of Sirajuddaulah _____ was made as Nawab of Bengal.

8. In the year_____ the Mughal emperor appointed the company as the Diwan of

the provinces of Bengal.

9. The Battle of Buxar was fought in the year _____.

10. The Battle of_____ became the first victory to Company in India.

II. WRITE THE MEANING FOR THE FOLLOWING TERMS. (5 MARKS)

a) Mercantile b) Farman c) Puppet d) Nabob

e) Diwani

हिंदी-

*अब तक करवाया गया काम याद करें।

* रोज़ाना पठन का अभ्यास करें।

* नकल करते हुए पकड़े जाने पर अध्यापक और छात्र के बीच संवाद लिखिए।(For all students)

परियोजना कार्य-

* Roll no(21) विज्ञापन पर एक रचनात्मक मॉडल बनाइए।

* (Roll no-22) क्रिया पर एक मॉडल बनाएँ।

* (Roll no -23) विराम चिन्ह पर एक मॉडल तैयार करें-

* (Roll no -24) कपड़े की कठपुतली बनाकर उसे पंजाब की वेशभूषा से सुसज्जित कीजिए और A4 size sheet पर वँहा के वेशभूषा रहन-सहन के बारे में लिखिए।

* (Roll no -25) सर्वनाम पर एक मॉडल तैयार कीजिए।

PUNJABI

Roll no 26: ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ (model)

Roll no 27:ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ (model)

Roll no 28: ਭਾਸ਼ਾ (3D chart)

Roll no 29: ਵਿਸ਼ੇਸ਼ਣ (model)

Roll no 30: ਰਾਸ਼ਟਰੀ ਨਿਸ਼ਸਾਨ (3D chart)

MATHS

- Revise PT1 syllabus Revise work done till date.
- **All** students will choose any one from the following:

1. 3d Model on algebraic identities
2. Show lines and planes of symmetry using models like cubes, cylinders, and spheres.
3. **Mathematical City**
   - Build a small city with buildings shaped like different 3D figures.
   - Label shapes and include surface area/volume info.
4. **Pythagoras Theorem in 3D**
   - Use a right triangle prism to demonstrate the relationship $a^2 + b^2 = c^2$ visually.
   - Use square tiles on each side.
5. Working model on squares of numbers