

HOLIDAY HOME WORK CLASS 7

MATHEMATICS

1. Observe and write any 5 examples of fractions used in daily life in homework register.
2. Solve Practice Worksheet and Case Study questions in homework register. (Page no. 25,26,48 & 49)
3. Solve Fun with Mathematics Activity 1 (Page no. 51) in an A4 size sheet.
4. Prepare a project on any of the following topics:
 - Integer card game
 - Temperature Tracker using Integers
5. Roll No. 1-5 will prepare a working model for MOSAIC according to the assigned topics.

SCIENCE

1. Make a working model, on any one Topic, for Interhouse Competition (4th July 2026).
 - Alternate sources of Energy
 - A game using electric circuit.
2. Roll no. 6 to 10 have to make Science Model on the given topic for the Exhibition (11th July 2026)
3. Make a Project from Ch 5- Physical and Chemical changes (in your Science Notebook)
 - We hear a lot of news about landslides and breaking of rocks in hilly regions. Write five steps that can be taken to prevent these landslides and reduce rock erosion.
 - Observe various physical and chemical changes around you. Draw or paste pictures of 5 physical and 5 chemical changes and write a small explanation about each.
4. Revise Ch 2- Substances- Acidic, Basic and Neutral
Ch 3- Electric Circuits and its Components

SST

Q1. **Project Work:**Topic- *“Women who changed the world”*(biography of any one from the given personalities-**Rani Lakshmibai, Begum Hazrat Mahal, SavitribaiPhule, Padma Bandopadhyay ,Sarojini Naidu, Bachendri Pal, Amrita Shergil, IromSharmila, ShakuntalaDevi,Anandi Gopal Joshi, AvaniChaturvedi, SuchetaKriplani, Hima Das, Tessy Thomas ,ArunaAsaf Ali, AratiSaha and ReitaFaria**)

To be done on an A4 size sheet and paste in SST copy, apart from biography paste a photo or **postal stamp** by India Post issued on them.

Q2. Locate and label the following on political map of India.

1. PALAS-West Bengal, Bihar, Jharkhand
2. KANAUJ AND TANJORE
3. CHAUHAN-Delhi,Rajasthan and Haryana
4. CHOLA-Tamil Nadu, Andhra Pradesh,Puducherry and Karnataka
5. GURJARA PRATIHARAS-Rajasthan and Gujarat

Paste the map in Social Science copy.

Q3. Read and revise all the chapters covered in the class and complete the pending work.

Q4. **Model making-** This will be done by the students of following mentioned roll numbers

Only on the topic specified according to the class and section.

Class -7 Ruby

Roll numbers- 11 ,12, 13, 14, 15

Topic-INSTRUMENTS

Roll no 11-WIND VANE

Roll no 12- ANEMOMETER

Roll no 13- RAIN GUAGE

Roll no 14- SEISMOGRAPH

Roll no 15- BAROMETER

Class- 7 Emerald

Roll numbers- 11 ,12, 13, 14, 15

Topic-POLLUTION (3D WORKING MODEL)

Roll no 11-AIR POLLUTION

Roll no 12- SOIL POLLUTION

Roll no 13- WATER POLLUTION

Roll no 14- OIL SPILLS

Roll no 15- NOISE POLLUTION

Class- 7 Diamond

Roll numbers-11 ,12, 13, 14, 15

Topic-NATURE (3D WORKING MODEL)

Roll no 11- WATER CYCLE

Roll no 12- TYPES OF ROCKS

Roll no 13- ROCK CYCLE

Roll no 14- COMPARISON OF HOT DESERT AND COLD DESERT

Roll no 15- LANDFORMS CREATED BY THE PATH OF A RIVER

***SUBMISSION DATE-3rd JULY' 2026**

ENGLISH

Q1. *Journey into the World of Leo Tolstoy*

This vacation travel into the magical world of the famous writer Leo Tolstoy through his short stories filled with wisdom, kindness, and life lessons. **Read a few stories** written by him, such as:

- *How Much Land Does a Man Need?*

- *The Lion and the Mouse*
- *The Three Questions*
- *Where Love Is, God Is*
- *A Grain as Big as a Hen's Egg*

Choose the story you liked the most and **write a short summary in your own words** including main characters, important events, the ending and the moral lesson learnt. Do the assigned work in English Literature notebook.

Make your work colourful and creative by adding drawings or sketches, colourful borders and Character illustrations.

Q2. In your **Cursive Writing Copy**, write **10 pages neatly** from the literature chapters included in your course book. Maintain neat and legible handwriting with proper spacing and punctuation. Practise regularly to improve your handwriting skills.

Q3. **Mosaic Exhibition:** Roll Numbers 16-20 will prepare colourful, presentable and interactive projects/games on the topics given below. The Project should be visually appealing with clear handwriting and headings. The topics are:

7R: Guess the Idiom

7E: Arrange the Jumbled Words into a Meaningful Sentence

7D: Two Truths and a Lie

हिंदी

- 1) अपनी कल्पना से 'बेटी पढ़ाओ' पर एक पोस्टर साहित्य उत्तर पुस्तिका में बनाइए।
 - 2) व्याकरण पुस्तक में विलोम व पर्यायवाची शब्दों का अभ्यास कार्य कीजिए।
 - 3) सप्ताह में दो बार सुलेख करिए।
 - 4) साहित्य में कराए गए पाठों की पुनरावृत्ति करिए।
 - 5) एक स्वरचित कविता या कहानी लिखिए। (A-4 sheet)
 - 6) For Hindi Exhibition (Roll No-21 to 25 only)
- ROLL NO-21 i) कारक के भेदों का सचित्र प्रस्तुतीकरण
- ROLL NO-22 ii) विशेषण का सचित्र प्रस्तुतीकरण
- ROLL NO-23 iii) विराम चिह्न का सचित्र प्रस्तुतीकरण
- ROLL NO-24 iv) संस्कृत में पशुओं के नाम का सचित्र प्रस्तुतीकरण
- ROLL NO-25 v) संस्कृत में पक्षियों के नाम का सचित्र प्रस्तुतीकरण

संस्कृत

- 1) संस्कृत में 1 से 10 तक संख्या का सचित्र प्रस्तुतीकरण कीजिए।
- 2) बालिका शब्द रूप का अभ्यास कीजिए।
- 3) कक्षा में कराए गए पाठों के अभ्यास कार्य याद कीजिए।
- 4) मुनि शब्द रूप उत्तर पुस्तिका में लिखिए।
- 5) भू धातु रूप के लोट्, विधिलिङ्ग व लङ् लकार के रूप लिखिए।

AI & Robotics

1. Arduino Revision

Explain:

- What is Arduino?
- What is a sensor?
- Difference between input and output

2. Error Detective

Suppose the LED is not glowing.

Write 5 possible reasons.

(This develops a troubleshooting mindset.)

3. Mini Research

Find any 3 sensors and write:

- Full form
- Use
- Real-life application

Mosaic Exhibition:-

Roll No 26 to 30

-Project Topic:-Intruder Alert System (7thD , Group(Roll no.26 to 28))

-Project Topic:- Smart Goggle (7th E , Group(Roll no.26 to 28))

-Project Topic:-Smart Street Light (7th R, Group(Roll no.26 to 28))

COMPUTER

1. PowerPoint Presentation (PPT) on **“AI In Toys and Games”** (Minimum 18 slides).

MOSAIC EXHIBITION (COMPUTER)

1. PowerPoint Presentation (PPT) on **“Role of Artificial Intelligence in Achieving SDG’s** (Sustainable Development Goals)” (Roll No. 29).
2. PowerPoint Presentation (PPT) on **“Memory and Storage Devices”** (i.e., RAM, ROM, and External Storage) (Roll No. 30).

ART

ART- Make any one big Disney cartoon on a full chart paper and colour it.

CRAFT- Make 8 borders using paper craft.

PT

CLASS: 7 RUBY

ROLL NO	PROJECT TOPIC
38	IMPORTANCE OF SPORTS
39	FOOTBALL GAME
40	CRICKET GAME

CLASS: 7 EMERALD

ROLL NO	PROJECT TOPIC
36	TABLE TENNIS GAME
37	CRICKET GAME
38	FOOTBALL GAME

CLASS: 7 DIAMOND

ROLL NO	PROJECT TOPIC
36	ARCHERY GAME
38	FOOTBALL GAME
39	TABLE TENNIS

LIBRARY PROJECT FOR MOSAIC EXHIBITION

CLASS: 7 RUBY

ROLL NO	PROJECT TOPIC
36	<u>Traditional Library vs Digital Library (Comparison Chart)</u>
37	Famous Authors of the World (J.K. Rowling, Shakespeare, etc.)

CLASS: 7 EMERALD

ROLL NO	PROJECT TOPIC
39	Women Writers Who Made History
40	United Nations Sustainable Development Goals Through Books

CLASS: 7 DIAMOND

ROLL NO	PROJECT TOPIC
37	Design Your Dream Library (Drawing/ Model)

Instructions:

- Present these topics in the form of posters, charts, or a dummy book using colourful pictures and slogans.
- Models can be made using cardboard, waste materials, or recycled items.
- The cover page design should be creative and attractive.
- Summary writing should be done in neat handwriting.

MOSAIC PROJECT (DANCE)

The project has been assigned to the appointed students for Dance.

Make a Collage on a Chart paper of any colour, the topics are as follows :-

- **Class 7th and 8th** – Folk Dance

MOSAIC PROJECT (MUSIC)

The project has been assigned to the appointed students for Dance.

- **Class 7thR ,E , D –**
Make a model on any desired Musical Instrument.

G.K.

1. Collect information about the famous “**National Parks of the World**” and prepare colourful project on chart paper with pictures.

VALUE EDUCATION

Make a chart on the given Topics for Class Board decoration (10 Marks)

Roll no. 1 to 6 - Be unique- Don't follow the crowd (July)

Roll no. 7 to 12- Heroes of India (August)

Roll no. 13 to 18- St Michael- The guardian Angel (September)

Roll no. 19 to 24- Light over Darkness (October)

Roll no. 25 to 30- Rea, learn, grow (November)

Roll no. 31 to 36 - Joy to the World (December)

Roll no. 37 onwards - Hard work today, success tomorrow (January)