

TAGORE SR SEC SCHOOL ,BARWA

SUMMER VACATION

CLASS – 7th Session 2026 – 2027

MATHEMATICS

Learning skills

- 1 Learn square of numbers 1 to 25.
2. Learn cube of numbers 1 to 20.
- 3 learn tables of 2 to 25.
4. Learn all formulas of first 4 chapter of book.

Writing skills.

- * Write tables 2 to 25 , five times
- * Do first 5 projects in your mathematics Lab manual book.
- * Revision of ch -1, ch-2, ch-3 in note book
- * How many family members do you have?Write their names their, relation with you and their ages Also find their Mean and Median ages.
- * write all prime and composite numbers from 1 to 200.
- * What is arithmetic mean ?Write about it. Write the Minimum and Maximum temperature of your area from the newspaper find mean of maximum temperature and minimum temperatures for 15 days.

Project work:

1. Make a photo frame on "RAMANUJAN-The Great Mathematician". You need to make a picture of Ramanujan and write his important contributions in about 100 words.
2. Make a list of the names of potted plants and trees and their numbers in and around their house the student will then represent these trees and their number in a Tally mark chart.
3. Make a model of 3D shape , working model,

HINDI

पठन कौशल / स्मरण कौशल

लेखन कौशल

परियोजना कार्य

*पढ़ाए गए समस्त पाठों को पढ़ें।

पाठ 1: माँ, कह एक कहानी (कविता)

पाठ 2: तीन बुद्धिमान (लोककथा)

पाठ 3: फूल और काँटा (कविता)

पाठ 4: पानी रे पानी (निबंध)

पाठ 5: नहीं होना बीमार

लेखन कार्य / स्मरण कार्य

*किन्ही चार विषयों पर 200 शब्दों में अनुच्छेद लिखें।

*कोई चार सार्वजनिक सूचना लिखिए।

*चार औपचारिक और चार अनौपचारिक पत्र लिखिए।

रचनात्मक परियोजना :

*किन्ही चार विज्ञापनों पर एक परियोजनाकार्य तैयार करना ।

*व्याकरण में किसी एक विषय पर चार्ट बनाएं ।

*हर रोज अखबार से दो - दो खबरें छांटकर परियोजना कार्य करें ।

SANSKRIT

पठन कौशल / स्मरण कौशल

लेखन कौशल

परियोजना कार्य

पढ़ाए गए समस्त पाठों को पढ़ें।

और अभ्यास याद करें।

पाठ 1: वन्दे भारतमातरम्

पाठ 2: नित्यं पिबामः सुभाषितरसम्

पाठ 3: मित्राय नमः

पाठ 4: न लभ्यते चेत् आम्लं द्राक्षाफलम्

लेखन कार्य / स्मरण कार्य

कोई चार शब्दरूप लिखें।

*कोई चार धातु रूप लिखिए।

- कोई तीन संस्कृत मे पत्र लिखिए।

संख्या एक परियोजनकार्य तैयार करना ।

उपसर्ग / प्रत्यय पर परियोजना कार्य तैयार करे ।

सुभाषितानी श्लोक पर सुन्दर सा चार्ट बनाएं

SUBJECT-SOCIAL STUDIES

1. Take 4 sheets from scrape book(A4 size) and make 4 maps of India showing mountains (Himalayas), Indian islands, plateaus, deserts(both cold and hot).
2. Take a political map of India and mark all the states on it and write at least 3 qualities of that state in your notebook.
3. Make a model of Rain Guage instrument and write about in on your notebook.
4. Make a poster showing 16(with map of India) mahajanapadas in ancient India.

SCIENCE

BIOLOGY

Chapter: The Ever-Evolving World of Science

Activity 1: Science Around Me

Observe your surroundings and list 10 things that use science in daily life.

Example:

Refrigerator

Mobile phone

Fan

Water purifier

Write:

How science is used

Benefit to humans

Activity 2: Timeline of Scientific Development

Make a colourful timeline showing important inventions/discoveries.

Example:

Wheel, Bulb, Telephone, Computer , Internet

Add small drawings or pictures.

Activity 3: Science News Scrapbook

Collect and paste:

5 science-related newspaper articles or pictures.

Write 2–3 lines about each.

PHYSICS

Chapter: Electricity, Circuits and Their Components

Activity 4: Make a Simple Electric Circuit

Using:

Cell , Bulb, Wires, Switch

Make a working circuit.

Draw the circuit diagram and label all parts.

You may paste a photo of your activity.

Activity 5: Electricity Safety Rules

Write and illustrate 10 safety rules related to electricity.

Example:

Do not touch switches with wet hands.

Decorate with symbols and drawings.

Activity 6: Circuit Symbols Chart

Draw and label symbols of:

Cell, Battery. , Bulb , Switch , Wire

Make a colourful chart.

Activity 7: Best Out of Waste Model

Create any one model related to electricity using waste material.

Examples:

Mini house wiring model

Traffic light model

Electric city model

Write:

Materials used , Procedure ,Uses

Chemistry

Chapter: Acids, Bases and Salts

- 1. Prepare a poster on any one of the following topics:**
 - Natural Indicators**
 - Uses of Acids and Bases in Daily Life**
 - pH Scale Model**
 - Turmeric Indicator Activity**
- 2. Do MCQ Level – 2, Assertion reason, match the following, true false, very short and short answer type questions of chapter Acidic, basic and neutral.**
- 3. Prepare a chart on recent discovery in chemistry**

(E.g. – MOF's, etc)

Questions to be done in chemistry notebook.

Questions to be done in chemistry notebook.

Computer assistant

“App Development” & “More on Python”

COVER PAGE ACTIVITY

Make a colourful cover page with:

- Your Name
- Class & Section

- School Name
- Subject: Computer Science
- Theme: Technology for Future

SECTION A : APP DEVELOPMENT

Activity 1 – My Favourite Apps

Paste or draw logos of any 5 mobile apps and complete the table.

Activity 2 – Role Play

Imagine you are an App Developer. Create your own app idea and write:

1. App Name
2. App Category
3. What problem does it solve?
4. Features of the app
5. Draw the app screen

Activity 3 – App Categories Mind Map

Make a colourful mind map showing:

- Gaming Apps

- Educational Apps
- Communication Apps
- Entertainment Apps
- Utility Apps
- Social Networking Apps

Activity 4 – Android vs iOS

Create a comparison chart with features of Android and iOS.

Activity 5 – Design Your Own Mobile App

Draw a mobile phone and create your own app interface.

SECTION B : Make a poster on AI device

SECTION C : THINKING SKILLS

Activity 11 – Research Work

Find information about Top 5 Most Popular Apps in India.

Activity 12 – Digital Safety Rules

Write and decorate 10 Rules for Safe Internet Usage.

SECTION D : FUN ACTIVITIES

Activity 13 – Tech Crossword

Create your own crossword using technology words.

Activity 14 – Interview Your Parents

Ask them about the apps they use most and write their answers.

BONUS TASK

Create a mini presentation or short video on: Importance of Mobile Apps and Python

HOMEWORK RULES

- Use colourful sheets
- Maintain neat handwriting
- Add drawings and creativity
- Submit in a decorated file/folder

Teacher's Remark Page

Leave this page blank for teacher remarks and signature.

PRACTICE SHEET BASED ON CHAPTER 1 & 6

SHEET 1 CHAPTER 1

Multiple Choice Question

1. Apps are software developed for _____.
i. Hand-held devices ii. Browser iii. Desktop iv. None of these (1)
2. Who developed Android?
i. Google ii. Playstore iii. Apple Inc iv. Microsoft (1)
3. Which of the following is known as platform dependent?
i. Native apps ii. Hybrid apps iii. Web apps iv. None of these (1)
4. Which of the following is not considered as a gaming app?
i. Talking tom ii. Candy Crush iii. Angry Birds iv. None of these (1)
5. You can download an app from on an android.
i. App Store ii. Microsoft Store iii. Play Store iv. All of these (1)

Fill in the blanks.

6. Android is an operating system for _____ devices developed by Google. (1)
7. _____ applications are developed for computers and laptops. (1)
8. _____ is an operating system for mobile devices developed by Apple Inc. (1)
9. Netflix is an example of _____ app. (1)
10. To use an app you need to _____ it first. (1)

Write True or False.

11. Mobile apps can be used without internet connectivity. (1)
12. Click on Blocks button to open Project Designer window in App Inventor. (1)
13. Apps were developed for desktops only. (1)
14. Android is a mobile operating system. (1)
15. Web apps require hand-held devices for installation. (1)

Short answer type questions.

16. What are Social Networking Apps? (2)
17. What do you understand by the term App? (2)

18. What is a native mobile app? (2)

19. Write any three components of Block Editor window. (2)

20. Define web apps. (2)

ENGLISH

- Revise all work.
- Write 20 new words
- write 20 idioms with 2 example each.
- 1 chart on tense
- 1 chart on sentences
- 1 chart on subject & predicts
- Elaborate any scene
- Write your full holiday experience .
- Write 40 verbs
- work Learn all Holiday work .
- Learn all tenses rules.
- 1 poster
