

Summer Holiday Homework 2026-27

Class VII

Science

1. Sow seeds of different types of plants. Water them regularly and observe their growth over a period of 20 days. Measure and compare the growth of each plant to identify which plant grows the fastest in terms of height.
2. Collect soil and water samples from 5–6 different places. Using Red rose indicator, determine the nature of each sample. Based on your findings, try to relate which types of plants grow best in acidic, basic, or neutral soil.
3. Grow one plant in sunlight and another similar plant in shade for 10 days. Observe differences in height, leaf colour and growth. Write your conclusion.
4. Collect information about 5 medicinal plants used at home. Write their uses and paste/draw pictures.
5. Try to collect rain water over a period of time, i.e. when the rain begins, after half an hour, after 1 hour if it continues. Do it again if it rains after 2–3 days again. Try to find out the nature of the water of each rain sample. Do you find any variation? If yes, what may be the possible reason?

English

1. Create your own newspaper and magazine.
*Design handmade newspaper includes headlines, article, interviews and ads.
*Write news reports, weather section etc. Do it in a creative way.
2. Design a conversation between teacher and student about homework.

SSc.

Topics:

- Multi cropping at your home/place/kitchen

Use the waste material:-

- Take a bucket or plastic box
- Put soil in that bucket
- Prepare manure and mix in soil
- Seeding the various seeds and observe the variation of plants(Take Picture)

Mango:-

- Write the process how it grows
- Which kind of things we can prepare from it?
- How it will be beneficial as business?
- The time it takes from the planting and sapling to grow in a mango bearing tree.
- Share your experience in words.

Biodiversity and Ecosystem:-

- Dig a ditch near your home.
- Fill with water- The water must be full in the ditch.
- Few days later you observe that the place will be the biodiversity spot and the sign of ecosystem you can see.
- Share your experienced in few points.

हिंदी

- 1-हिंदी भाषा के प्रचार प्रसार के लिए एक A4 सीट पर पोस्टर बनाएं एवं कोई दो स्लोगन भी लिखें।
 - 2- अपनी रुचि के अनुसार मातृ दिवस के अवसर पर अपनी माता के लिए कोई लेख अथवा सुंदर सी कविता लिखे जो आपकी माता को समर्पित हो।
 - 3- प्रतिदिन हिंदी समाचार पत्र पढ़ें और पांच कठिन शब्दों का अर्थ लिखकर वाक्य में प्रयोग करें।
 - 4-'पंचतंत्र' पुस्तक की कोई भी एक कहानी का सचित्र वर्णन कीजिए।
 - 5-'बसंत' को ऋतुराज क्यों कहा गया है? इस विषय पर एक अनुच्छेद लिखिए।
 6. ग्रीष्मावकाश के पहले १५ दिनों की अपनी एवं अपने परिवार के अन्य सदस्यों की गतिविधियों के विषय में संस्मरण लिखें।
- नोट- 1-सभी कार्य को करने के लिए एक अलग से ग्रीष्मकालीन फाइल बनाएं।
- 2-लेखन कार्य स्वच्छ एवं सुंदर होना चाहिये।

Mathematics

1) Imagine that you and your friends are going to a remote rural village during summer holidays to teach Basic Mathematics to small children. The village has no internet facility and limited school resources. You have to make Math learning interesting by using natural and locally available TLM (Teaching Learning Materials).

(a) Campaign Planning:

(i) What will be the name of your Maths campaign?

(b) Advertisement without Internet:

(i) Since there is no internet or social media, suggest at least five ways to advertise your campaign using local methods.

(c) Natural TLM:

(i) List at least 10 natural or easily available objects you can use to teach Maths and explain how you will teach using natural resources.

(d) Creative Thinking:

(i) Create a slogan for your campaign.

(ii) Suggest one outdoor activity related to Maths.

(You can draw a number line using matchsticks or natural materials.)

(e) Reflection Question:

What did you learn from teaching Maths without technology, and why do you think practical learning is important?

2) Watch Enola Holmes movie and find at least three puzzles, clues, patterns, codes, or logical directions shown in the movie. Explain how Maths or logical thinking helped to solve them.

(You can create your own secret code using numbers, symbols, shapes, or arithmetic operations.)

3). Observe your kitchen for 3 days and find:

How much milk and water are used daily?

What is the monthly consumption of wheat and rice and vegetables at your home.

4) Find patterns of symmetry and circles around you

Examples:

Flowers

Rangoli designs

Wheels

Plates

Explain the Maths hidden in each picture.

5) A mobile recharge gives:

1.5GB/day for Rs. 239

2GB/day for Rs. 299

Which one is economical?

कुछ करें पशुओं तथा परिंदों के लिए

(क) - पक्षियों के लिए घोंसला बनाएं एवं अपने घर के बाहर किसी पात्र में जल नित्य भरें ताकि पशु- पक्षी उससे अपने प्यास बुझा सके।

(ख)- पक्षियों एवं पशुओं को जल पीते हुए देखने पर अपनी अनुभूति लिखित रूप में वर्णन करें तथा उनके संग अपनी 'सेल्फी' लेकर गृह कार्य पुस्तिका में चिपकाएं।