



SUMMER VACATION
HOMEWORK
2024-25
CLASS 9



CLASS 9

SUMMER VACATION HOLIDAY HOME WORK

ENGLISH

- Make a project on any one of the given topics according to the guidelines shared in the class
 - Gender Bias
 - Indian Culture
- Learn all the work done in notebook.
- Listen to the autobiography of Subramanyam Bharti by assessing the given link and make notes on the same on A4 sheet.

<https://youtu.be/vsLD6UdHhU>
- Write a paragraph of about 100 to 120 words analysing the picture given on page 5 of Beehive on A4 sheet.
- Read all the chapters of Essay One, mark difficult words and find and memorise. Their meanings and make dictionary beautifully of the same
- On the occasion of Father's Day, pay a memorable tribute to your father by celebrating and making .It a special day in some different way. Also, make a video of your celebration and asking your father for his views on the celebration and his experience as a father. Also share your words of thanks for your father and send to your subject teacher.

BIOLOGY

1. Collect information from various sources and make a project on 'new discoveries in biology field in recent years'. (at least 5)
2. Make a chart/model on
 - a. A plant cell (Roll number 1 to 5)
 - b. An animal cell (roll number 6 to 10)
 - c. A prokaryotic cell (roll number 11 to 15)
 - d. Chloroplast (roll number 16 to 20)
 - e. Golgi apparatus (roll number 21 to 25)
 - f. division of cell (roll number 26 to 30)
3. Revise all the syllabus covered in the class till now.
4. Do mock test in a file of chapter 5 (Cell-the fundamental unit of life)

Note-(Test will be shared on WhatsApp group.

Mock test and project work should be done in A -4 size sheets and put them in a folder. Decorate the front page .)

SCIENCE

1) Students will make a portfolio project file 15/20 pages of NCERT chapter 14 Natural Resources on the following topics

1. Natural resources on the earth.
2. The Breath of Life : Air
3. The role of Atmosphere in climate control
4. Winds
5. Rain
6. Air Pollution
7. Water : A wonder Liquid
8. Biogeochemical cycle
9. The water cycle
10. The Nitrogen Cycle
11. The carbon cycle
12. The Greenhouse Effect
13. The ozone cycle
14. Ozone Layer

NOTE : Portfolio file should be decorated properly and paste pictures according to the related contents .

2). **Activity** : Paste 2 pictures of each topic on the A -3 size sheet.

1. Homogenous mixture
2. Heterogeneous mixture
3. Pure substances
4. Suspension
5. Colloidal Solutions

3). **ACTIVITY** : Prepare a short report on “ Tyndall Effect “ by taking 4 to 5 examples on A-4 size sheet .

4). To be done chemistry chapter – 1 , 2 Experiments in practical file .

5). Briefly prepare and practice your PT – 2 syllabus .

MATHEMATICS

Make a project on any one of the topic

- a. Coordinate geometry
- b. Lines and angles.

- c. Polynomials.
- d. Statistics.
- e. Circles. Cancel

Lab activity file

SOCIAL STUDIES

PROJECT WORK

Make a project file any one of the following

1. India and physical features of india
2. Population
3. Democracy and democratic rights
4. Poverty as a challenge
5. Disaster Management

ACTIVITY

1. Describe the picture in your own words what are the images that the artist has used to communicate the following ideas ,greed, equality, justice, takeover by the state of the assets of the church.
2. Explain why the artist has portrayed the Nobel man as the spider and the peasant as the fly.
3. Find out the longitudinal and latitudinal extend of your state.

DISCUSS

1. WHY FARM LABOURERS LIKE DALA AND RAMKALI POOR .
2. Identify the work being done on the field in the picture and arrange them in a proper sequence.

हिंदी परियोजना कार्य

1. कोई सुरक्षित कविता यह कहानी लिखिए ।
2. “मतदान मेरा अधिकार” एवं “ सांच को आंच नहीं” विषय पर अनुच्छेद लिखिए ।

3.बाजार की सार्थकता, स्त्री की तुलना, कविता की तुलना, विषय पर परियोजना तैयार कीजिए ।

4. माताजी को अपने विद्यालय का वार्षिक महोत्सव का विवरण देते हुए पत्र लिखिए ।

नोट- समस्त कार्य a4 सीट पर किया जाएगा। पढ़ाए गए समस्त पाठ्यक्रम की पुनरावृत्ति कीजिए ।