

Holiday Homework

Class VIII

ENGLISH

1) Worksheet Completion

- Complete the given worksheet neatly.
- Revise grammar rules practised during the term.

2) Notebook Work

- Complete all pending classwork and homework in the notebook.

3) Comprehension Worksheet

Climate Change: A Challenge for Humanity

Climate change refers to long-term changes in temperature, rainfall, and weather patterns on Earth. These changes are mainly caused by human activities such as burning fossil fuels, cutting down forests, and increasing industrial pollution. As a result, harmful gases trap heat in the atmosphere, leading to global warming.

One major effect of climate change is the rise in extreme weather events. Heatwaves, floods, droughts, and cyclones are becoming more frequent and intense. Melting glaciers and polar ice caps are causing sea levels to rise, threatening coastal cities and island nations.

Climate change also affects food security and health. Changes in rainfall patterns disturb agricultural activities, leading to poor crop yields. Rising temperatures increase the spread of diseases and reduce access to clean water in many regions.

To reduce the impact of climate change, experts recommend using renewable energy, conserving forests, and reducing waste. Small actions like saving electricity, planting trees, and using public transport can make a big difference. Protecting the planet today ensures a safer future for generations to come.

A. Answer the following questions:

- a) What is climate change?
- b) Name two human activities that cause climate change.
- c) How does climate change affect weather patterns?
- d) Mention two effects of climate change on humans.
- e) Suggest two ways to reduce the impact of climate change.

B. Find words from the passage that mean:

- a) Happening often
- b) Strong and harmful

C. Change the following sentences into Passive Voice:

- a) People are cutting down forests rapidly.
- b) Scientists discovered new renewable energy sources.
- c) The government will implement strict climate policies.
- d) Volunteers have organised an awareness programme.
- e) Humans must protect the environment.

D. Rewrite the sentences as directed:

- a) She prepares a report on climate issues.
(Change into present continuous tense)
- b) They are planting trees near the school.
(Change into simple past tense)
- c) The organisation completed the campaign.
(Change into present perfect tense)
- d) We had learned the lesson earlier.
(Change into simple present tense)
- e) He will submit the assignment tomorrow.
(Change into past perfect tense)

E. Fill in the blanks with the correct form of the verb:

- a) By next decade, many countries _____ (adopt) green energy.
- b) When the teacher entered, the students _____ (discuss) the topic.
- c) She _____ already _____ (complete) the project.
- d) If we _____ (protect) nature, disasters can be reduced.
- e) The train _____ (leave) the station before sunrise yesterday.

F. Rewrite as instructed:

- a) The team is preparing the report.
(Change into passive voice and present perfect tense)
- b) The workers built the road last year.
(Change into passive voice and future tense)
- c) She speaks politely to everyone.
(Change into present perfect continuous tense)

MATHEMATICS

- Prepare a **Maths Game Board** based on your project subtopic
(Examples: Probability, Algebra puzzles, Integers ladder game, Geometry quiz)

SCIENCE

Nature's Protectors – Scrapbook Activity

1. Collect pictures or drawings of **endangered animals and plants**
(Tiger, Elephant, Rhino, Olive Ridley Turtle, Neem tree, etc.)
2. Write short notes on:
 - Reasons for endangerment
 - Conservation projects (e.g., Project Tiger)
 - Importance of biodiversity
3. Add:
 - Two awareness slogans
 - One personal promise to protect nature

SOCIAL SCIENCE (SST)

History Through Headlines

- Choose **any ONE chapter**:
 - Colonial Rule
 - Revolt of 1857
 - Tribal Movements

Activity:

- Create **5 newspaper headlines** from that period
- Write a **short news report (5–6 lines)** under each headline

COMPUTER SCIENCE

Attitude of Gratitude – Video Activity

- Create a **short video (1–2 minutes)** using a basic video editor
- Express **gratitude to a teacher/mentor/parent**
- Focus on:
 - Respect
 - Thankfulness
 - Positive attitude

ART & CRAFT

Create a **colourful poster** with a strong slogan on **any ONE topic**:

- Zero Garbage
- Water Saving
- Electricity Saving

- No Littering
- Save Trees
- Reduce Plastic Use
- Recycling
- Climate Change Awareness
- Wildlife Conservation