

ITL PUBLIC SCHOOL
CLASS VIII HOLIDAY HOMEWORK
(2019-20)

Goal 13: Climate Action



(THEME: GOAL 13: CLIMATE ACTION) Take urgent action to combat climate change and its impacts

At ITL, we aim towards sensitizing our students towards the global issues and prepare them to bring about a positive change towards making the world a better place.

The Sustainable Development Goals (SDGs) are a set of 17 "Global Goals" to end poverty, protect the planet and ensure prosperity for all as part of a new sustainable development agenda.

In our effort to appreciate these goals initiated by the United Nations, the summer holiday home work of class VIII has been designed on the lines of Sustainable Development Goal

Conservation is the practice of caring for the natural resources, so all living beings can benefit from them now and in the future... We can help countries fulfil their promise to make the world a better place to live in, by conserving the natural resources by 2030. Under the same we intend to orient our students on climate change through an inter-disciplinary, research based, thought provoking project given below.

Learning Outcomes –

Students will be able to

- Understand the Sustainable Development Goals (SDGs) set by the [United Nations General Assembly](#) in 2015
- Understand the key scientific concepts of global climate change.
- Analyze the causes of climate change and see how human activities affect the climate.
- Recognize the moral principles, goals, and virtues needed for making sound policy and lifestyle responses to global climate change.
- Consider an environmental action that addresses climate change in your community.

Guidelines for doing the holiday home work

1. Prepare a folder using recyclable/reusable eco – friendly material and arrange the sheets of all subjects in the same folder.
2. Make a neat cover page with your class, section and the theme **“Climate action”** written on it.
3. The work should be hand written only.
4. Use A4 sized coloured sheets (Ruled/interleaf as required) for doing the same.
5. Maximum of 25 sheets should be used for the entire project.
6. Support your research work with relevant pictures, newspaper articles, graphs, lab reports, maps, website references and your individual findings.
7. The work should be neat, organised and well presented.(Kindly do not use sequins, glitter tapes, Stickers, beads or decorative ribbons)
8. Arrange the subjects in the order as given below

SCIENCE

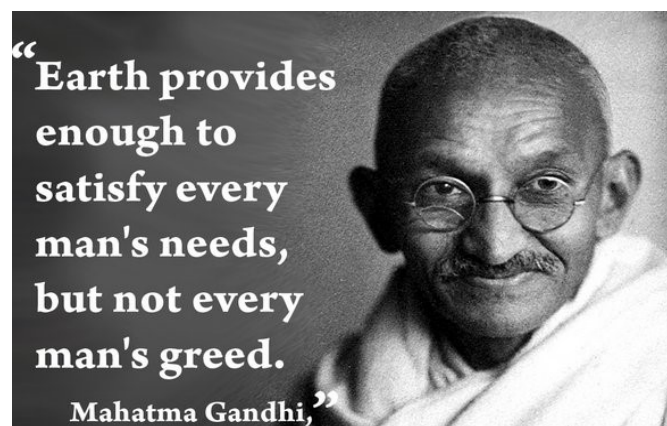
“Let’s get changed to change the climate”

Climate change is the change in our weather patterns that are occurring because of an increase in the earth's average temperature. It is also known as global warming. Climate change may result from both natural and human causes though the human causes appear to be increasingly responsible for climate change over the past few decades.



1. Make a **project** on A4 size sheet of the climate change in your city/ state of the last one year, the specific areas of change (rainfall/temperature/habitat/resources)
2. **Reasons for the Changes**
3. **Implications and Strategies to deal with the climate change.**

SOCIAL SCIENCE



There is no country that is not experiencing the drastic effects of climate change. Greenhouse gas emissions are more than 50 percent higher than in 1990. Global warming is causing long-lasting changes to our climate system, which threatens irreversible consequences if we do not act promptly. So, let’s do some activities on the topic “**Climate Change**”.

General instructions:

- *Students may take help of the internet, newspapers, magazines, encyclopedia to collect information and pictures.*
- *Label your project appropriately related to the activity in your presentation.*
- *Make your project presentable and attractive for display.*
- *Submit your project on the date given to you on the reopening of the school after summer vacation.*
- *Prepare yourself for the presentation in which you are expected to speak about your activity, new things learnt and the change it brought about in you.*

- **Group 1 (Roll 1-10)**

Create a **photo album** on the **natural disasters** due to the climatic change since 2000. Highlight their causes, impact and the steps taken by the Indian government to combat with it.

(Materials required: Coloured A4 size sheets, coloured pens, glue)

- **Group 2 (Roll 11-20)**

Make a **Poster and write a slogan** to protect the environment.

(Materials required: Coloured A4 size sheets, coloured pens, decorative materials)

- **Group 3 (Roll 21 onwards)**

Make a **Power Point Presentation** on the effect of climate change on human lifestyle. For instance; eating habits, Sleeping cycle, various diseases etc get a print out of the same in A4 size sheets.

MATHEMATICS

INSTRUCTIONS-

- Label your project appropriately related to the activity in your presentation.
- Make your project presentable and attractive for display.
- Submit your project on the date given to you on the reopening of the school after summer vacation.

MATERIALS REQUIRED – Coloured pens, A4 Size sheet(s), Marker, sketch pens

The below mentioned data should be represented on A4 size sheets.

- 1) Find out Air Quality Index of 4 metropolitan cities from 1st June 2019 to 15th June 2019 at 7 p.m.
- 2) Find out mean and median of all 4 cities based on above data.
- 3) Also represent information collected of Delhi and Mumbai using double Bar graph (of any 5 days).
- 4) Analyse the graph and find out factors responsible for poor Air Quality Index.

ENGLISH

ACTIVITY 1 (Roll No – 1 – 20) WRITE A ONE ACT PLAY (250 words)

(ONE ACT PLAY - *A one-act play is a play that has only one act, as distinct from plays that occur over several acts. One-act plays may consist of one or more scenes.*)

Procedure: Write the script for a **one act play** with the theme of ‘**Climate Change**’ to sensitize people about causes and social effects of climate change and urging them to do their bit and take measures to combat with it.

Instructions:

- Script should contain ‘**one act**’ only. It should have **3 scenes** based on the theme.
- Characters and dialogues to be based on the theme.
- Give a suggestion or appropriate conclusion.
- You may take help of the internet, newspapers, magazines to collect information and pictures.
- Prepare yourself for the script in which you are expected to present the theme and act with dialogues.
- It should be handwritten only.

Materials Required:

- Activity to be done on A4 size coloured pastel sheet(s)
- Colour pens

ACTIVITY 2 – (Roll No – 21 onwards) DESIGN A COMIC STRIP (3 – 4 pages)

Prepare an attractive comic strip on the theme of ‘**Climate Change**’ to sensitize people about causes and social effects of climate change and urging them to do their bit and take measures to combat with it.

Instructions:

- Strip should have an appropriate title.
- Characters and dialogues to be based on the theme.
- You may include element of humour, sarcasm, etc
- Give a suggestion or appropriate conclusion.
- Pictures, diagrams to be preferably drawn
- You may take help of the internet, newspapers, magazines to collect information and ideas.
- Submit your strip on the date given to you on the reopening of the school after summer vacation.
- Prepare yourself for the strip in which you are expected to present the theme and act with dialogues.
- Write your reflections on the above activity.

Materials Required:

- Activity to be done on A4 size coloured pastel sheet(s)
- Colour pens , markers, etc

HINDI

ग्रीष्मकाश गृहकार्य

ग्रीष्मकालीन अवकाश में ग्लोबल वार्मिंग अर्थात 'विश्वव्यापी ऊष्मीकरण' विषय से संबंधित भावों को अभिव्यक्त करती हुई तथा सुझावों का भी समावेश करते हुए एक रोचक कविता का निर्माण ए-3 शीट पर चित्र सहित करें।

संस्कृत

ग्रीष्मकाश कार्य

विषय-हमारे जीवन में पञ्चतत्त्व का महत्त्व

पञ्चतत्त्व (पृथ्वी, जल, तेज, वायु, आकाश) हमारे जीवन में क्या महत्त्व रखते हैं।

पृथ्वी, जल, तेज, वायु, आकाश के प्रदूषित होने पर हमारा जीवन किस प्रकार प्रभावित होता है? इनका श्लोक व चित्र सहित संक्षिप्त वर्णन करें तथा प्रदूषण को कम करने के उपायों का भी वर्णन करें। ए-4 शीट का प्रयोग करते हुए सुन्दर व आकर्षक चित्र का निर्माण करें।

FRENCH

Students to make a Newspaper Report on A4 size coloured sheets depicting the frequently weather changes in India.

- Students have to use colourful pictures presenting the different weather conditions in India.
- They also have to demonstrate the measures and strategies taken by government to face natural calamities.
- Write a report on Natural Disasters occurred in India in last five years.

Note: On the last page, add a Self Reflection Sheet (whatever you have learnt/imbibed from this project) where you write down your learnings in about 100 words.