



## HOLIDAYS HOME WORK (2017-18)



### CLASS-IV

#### **THEME : UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS**

**United Nations** proposed 2030 Agenda for sustainable development, which includes a set of **17 Sustainable Development Goals**. Over the next fifteen years, with these new goals that universally apply to all, countries will mobilize efforts to end all forms of poverty, fight inequalities and tackle climate change by 2030.

This year again, we carry forward our endeavour to work and support UNSDGs. The students are expected to work on a project designed on selected goals which will keep them engaged in creative and fruitful pursuits during the summer break.

This project will not only give an insight into some of the prevailing issues which need timely addressal, but also provide an opportunity to make sincere efforts to ensure sustainability and prosperity for the future.

Although, the students are expected to work individually yet they would require the expedient guidance and support of the parents to make their project a success.

We wish you happy holidays with your loved ones!

#### **General Instructions**

- **Activity I and Activity II are compulsory for all.** Out of rest of the activities allocated to each student in groups by the class teacher, the students are expected to do **one activity assigned to them along with Activity I and Activity II which are compulsory.**
- **Activity III onwards are UNSD goal specific.** Hence, keep the goal in mind before doing the activity assigned to you.
- Follow the instructions given carefully with each activity.
- You 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.
- English Handwriting Series- Write one page every day and complete till page 50.
- Hindi Sulekh – Write one page every day and complete till page 49.
- Make one thin copy and practice at least ten sums weekly (including word problems) taking one topic for one week from the topics given below:-
  - Addition, Subtraction, Multiplication and Division
  - Revise Tables 2 to 15.

## BRIEF INTRODUCTION TO THE UNSDGs

**Goal 4: Quality Education** – Provide education for all, starting from an early age without any discrimination, with a view to better future.

**Goal 5: Gender Equality** - Recognize and value women’s work at home. Encourage women to participate in all political, economic and public spheres.

**Goal 11: Sustainable Cities & Communities:** Ensure access to quality, safe housing and basic services and monitor waste management and air quality.

**Goal 12: Responsible Consumption & Production** – Ensure production process does no harm to nature and there is no food wastage.

**Goal 13: Climate Action-** To manage extreme weather and natural disasters, build strong cities and houses and improve water management.

**Goal 16: Peace, Justice & Strong Institutions** – End all forms of violence and fight crime and corruption.

### ACTIVITY 1(COMPULSORY) : UNSDGs MAGAZINE

**Material required :** A4 size coloured/ruled sheets, folder to file the sheets, coloured print outs of images, coloured pens, fevicol and decorative material.

**Method:** Based on your extensive research, assimilate and collect information under the following heads. Paste/draw pictures where necessary. Make an attractive outer cover.

**1)Introduction:** Research about the goals given below-

**Goal 5: Responsible Consumption & Production**

**Goal 11: Sustainable Cities & Communities**

**Goal 13: Climate Action**

For each above mentioned goal, design one page, mentioning the need to build sustainable cities and communities, to avoid food wastage and to save our earth . Supplement it with relevant pictures.

**2) THE STEPS I FOLLOW:** Under this, write about the steps(3-5) you and your family take to ensure the following:

- efficient use of water and electricity
- reduce food wastage

**3) SWITCH TO GREEN TRANSPORTATION:** Find about any two eco- friendly mode of transportation in your city. Write in about 50 words about each and paste/draw pictures of the same.

**4) NEWS HEADLINES:** During summer vacation, read newspaper and magazine daily. Cut and paste at least 5 articles related to any of the UNSDGs given above.

**5) EXPRESSIONS:** Write one self-composed poem/article expressing your views on the topic, 'The World of My Dreams' highlighting the changes you would like to see in the future in English/Hindi.

**6) COMMUNITY SPEAKS:** Conduct a survey of at least three households to collect information under the heads given below. For this, you need to create a 'Survey Form'. (You can either type it or have it handwritten)

Collect the following information-

**Personal Information:** Name, Age, Gender, Occupation and Residence

**Awareness Quotient:**

a) Are you aware of global warming? Yes/No  
What do you do to reduce its impact?

b) Are you energy wise? Yes/No  
How do you ensure it?

c) Are you water wise? Yes/No  
How do you save water?

d) Does 'Car pooling' help in reducing the level of air pollution? Yes/No  
How is it helpful?

**Note:** The format given above is for your reference. You can frame your own questions (any 4).

**7) JUST FOR FUN!!!**

Create a maze or crossword related to Earth Day. You can even download an interesting one from the net.

**ACTIVITY II(COMPULSORY): CREATIVE HANDSHAKE!!!**

Do the activity assigned(**one only**) to you by your teacher.

a) Make a jute/cloth/paper bag and write a meaningful message (using acrylic colours) showing support for '**Climate Action**'

b) Make a table calendar 2017(or you may reuse an old one)highlighting, '**Gender Equality**'. Choose 6 famous men and 6 women personalities from 6 different fields- Politics, Sports, Entertainment, Art, Music and Dance. For example Virat Kohli and Saina Nehwal for the months January and February respectively. Follow the same for the rest of the months. You can cut and paste or draw their pictures. Mention their achievements in 2 to 3 sentences.

c) Make a folder for keeping your important circulars or worksheets using your old note book's cover or any cardboard available at home. Cover it with jute/cotton/handmade sheet. Write a message/quote on the front cover in support for , '**Save Energy**'.

d) Collect the one side used papers in your home and make your own writing pad. Design an attractive front cover showcasing, '**Save Water**'.

## GOAL SPECIFIC ACTIVITIES (According to the goal assigned)

### ACTIVITY III : MODEL MAKING (THEME: GOAL 13: CLIMATE ACTION)

Create a 3D model on 'Climate Action' using eco-friendly material or reusing the waste material available at home.(You may have to raid your toy box for certain things). Take help from the net for images and ideas related to the topic. **Do the one assigned to you in your group.**

- Create our earth as shown in image (a) and fix it on a stand to show effects of climate change. On one side of the earth show 'Earth Before' and on the other 'Earth After'.
- Show the causes of global warming as shown in image(b) like cutting of trees, burning of dry leaves etc. Take a cardboard of size 24x12 inches as a base.
- Show rain water harvesting as shown in image(c) being done in a society.
- Build a solar oven using a pizza box. Refer to [www.homesciencetools.com](http://www.homesciencetools.com).
- Create an 'Inspiration Box' like the one shown in image(d).

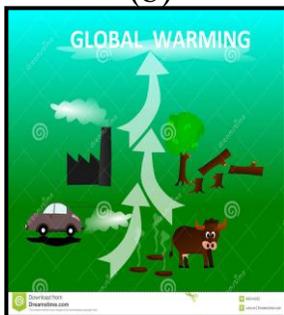
On each side show the importance of 'Reduce, Reuse, Recycle' by giving information about each. Add related images.

- Create a model of the earth with three hearts attached to it as shown in image(e). In each heart write one way by which we can make our earth a better place to live.
- Create a green dustbin as shown in image(f) and write about the things which can be reused, reduced and recycled.

(a)



(b)



(c)



(d)



(e)



(f)



## **ACTIVITY IV : MY POSITIVE FOOTPRINT**

### **THEME: CLIMATE ACTION**

Take half green pastel sheet. Paste/Draw image of our earth on it. Then, take a cut out of your left/right foot on a white drawing sheet and write about the steps you take to save our planet earth.



## **ACTIVITY V: I PLEDGE (THEME: CLIMATE ACTION)**

Create a wall hanging as shown in the picture. Take A4 size pastel sheets of five different colours and cut out the impression of your right hand. Then, write about a promise you make to increase green cover, reduce carbon-di-oxide emission, reduce food wastage, save water and use energy wisely.



## **ACTIVITY VI : POSTERS FOR A CAUSE (THEME: SUSTAINABLE CITIES & COMMUNITIES)**

Design a poster on A3 size sheet on 'Renewable Sources of Energy' with a strong message/quotation. Make it colorful and appealing.

## **ACTIVITY VII : MY SAFETY BOOK (THEME: SUSTAINABLE CITIES & COMMUNITIES)**

In this modern era, it becomes imperative to build disaster resilient communities through self-help, co-operation and education. Search information on four natural disasters - earthquake, floods, cyclones and landslides. Then, take 2 coloured pastel sheets for each disaster. On one, paste/draw picture of the disaster and on the other write DOs and DON'Ts in case of its occurrence. Take another sheet for 'Emergency Numbers' like the nearest hospital, police, ambulance services, fire services and neighbor/relative to be contacted in case of emergency.

**ACTIVITY VIII : (THEME: GENDER EQUALITY)**

Choose one famous woman in India who has made India proud of her achievements. Collect pictures and information about her life i.e. her birth date and place, parents, early education, higher education and her achievements. Then, create her timeline as shown in the picture.



**ACTIVITY IX : PEACE EVERYWHERE**

**THEME: PEACE, JUSTICE & STRONG INSTITUTIONS**

Dove is considered as the messenger of peace. Let's spread the message of peace in the world. Take 1/2 white chart paper and draw a dove as shown in the image or you can use your own imagination. Then, write about what comes to your mind when you think of peace and how can we have peace in the world. Use your old notebook's cover/cardboard for the base and attach a string to it for hanging.



**ACTIVITY X: PROUD TO BE AN ASNite (THEME: QUALITY EDUCATION)**

Your school provides you quality education and all other facilities which are helpful in overall development of your personality. Write about any 5 things which you like about your school in a foldable brochure as shown in the image below. You would need A3 size pastel sheet of any colour and then fold it into equal parts as shown. Make it attractive using your creativity.



**ACTIVITY XI: PLAY & LEARN (BOARD GAMES)**

**THEME: SUSTAINABLE CITIES & COMMUNITIES**

Create an interesting board game using your creativity and imagination. Refer to internet for related images and ideas. (Type the name of the game on Google.)

**Do the one assigned to you in your group.**

