



HOLIDAY HOMEWORK (2019-20)

CLASS III

SDG Goal 14 *Life below water*



Conserve and sustainably use the oceans, seas and marine resources. The world's oceans – their temperature, chemistry, currents and life – drive global systems that make the Earth habitable for humankind. How we manage this vital resource is essential for humanity as a whole, and to counter balance the effects of climate change. The Sustainable Development Goals (SDGs) create a framework to sustainably manage and protect marine and coastal ecosystems from land-based pollution, as well as address the impacts of ocean acidification. Enhancing conservation and the sustainable use of ocean-based resources through international law will also help mitigate some of the challenges facing our oceans.

At ITL, we aim towards sensitising 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 III has been designed on the lines of *Sustainable Development Goal 14 Life below water*

Kindly note

- **School reopens on Monday 1st July 2019**
- **Submit the holiday homework by Friday, 5th July 2019.**

EVS 1

The existence of terrestrial species, including humans, depends on life underwater. Pollution, global warming, unsustainable fishing and degradation of natural habitats are threatening marine and coastal biodiversity.

THREATS TO MARINE LIFE: WASTE IN THE OCEAN (Roll No-1-20)

The children will find out about any five aquatic animals and plants which are affected the most due to water pollution from newspapers, magazines etc. and write ten lines on how humans have polluted water bodies in the scrap file, supported by facts and pictures.



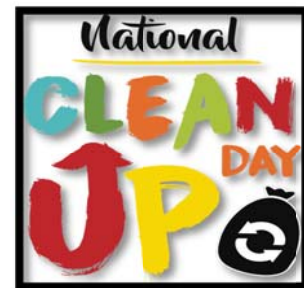
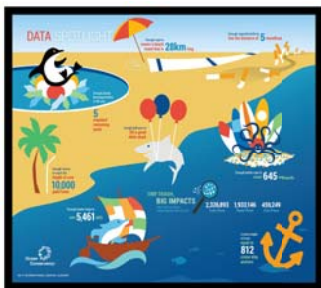
Materials required: Scrap file, glue stick, picture cut outs from newspaper, magazines etc.

MARINE LIVES MATTER: JOIN THE BLUE REVOLUTION (Roll No-21-39)

Underwater life is severely impacted by an “onslaught of threats,” but we already have the tools to positively influence ocean conservation, marking 2019 World Wildlife Day which, this year, is celebrated under the theme “Life Below Water: for people and planet.

The students will gather information and write any **ten** measures on how to keep the oceans and rivers pollution free and also write about the impact of oceanic pollution on human life along with picture cutouts related to the topic.

Materials required: Scrap file, glue stick, picture cut outs from newspaper, magazines etc.



EVS 2

‘Marine’ is a word that describes oceans and seas, where water is salty. **Over 70% of the Earth’s surface is covered with water and nearly all of that is saltwater from oceans and seas.**

Marine habitats can be very different from each other depending on how warm the water is. Warm, tropical water has coral reefs full of tiny, colourful fish, while chilly waters in the polar regions have fewer species that have adapted to water that can be colder than the temperature that water normally freezes at (0°C)!

ACTIVITY: FISHY FLASH CARDS

The underwater world is full of plants and animal life which are similar and yet so different from the world around us. For example did you know that the starfish has no brains or that the Mosquito fern plants do not allow the mosquitoes to breed in their waters? Let’s learn some new spellbinding facts about the underwater world and make 4 flashcards. You can choose any 2 animals and 2 plants for your project. To help you out we have given you a list of plants and animals:

Animals: stingray, seahorse, jellyfish, octopus, turtle, whale, starfish, crabs, sharks.

Plants: mosquito fern plants, arrowheads aqua plants, cattails aqua plants.

Materials required: 4 inches square coloured sheets (4); crayons and sketch pens.

Method: Draw your favourite creature on one side of the sheet and decorate it. On the reverse side write any 2 interesting facts about it. Keep them in an envelope.

or

ACTIVITY: My Family Inside Water

Do you know there is one world inside water? This world contains many animals and plants. These are part of aquatic life. They have an entirely different respiratory system. Their respiratory system has provision to breathe inside water but not on the ground. Aquatic animals take oxygen inside the water.

With increasing incidences of trapping activities by humans, the aquatic life is trapped in dangerous situations. Aquatic life is one important part of many life cycles that exist to maintain equilibrium of entire life cycle. Aquatic life has an immense importance in this world. Now it is the time to give importance to aquatic life by considering them as our family. Connect your family through aquatic life by following task.

Make your own aquarium (3D model).

- Choose any 5 aquatic animals. Paste the photos of family members on the cutout of aquatic animals.
- Now think how you are going to take care of your family against the increasing **Pollution level of water** and write it on A-4 size sheet. (any three points)

MATHEMATICS

ACTIVITY (Roll No:1-20)

- On an A4 size scrap book draw 10 different aquatic animals using geometrical shapes. (use origami sheets for cut outs, colour pencils, decorative material)

ACTIVITY (Roll No:21-39)

- Make underwater scenery using geometrical shapes on an A3 size sheet

Material required: Origami Sheets, glue stick, cuts outs of fishes of different shapes,



ENGLISH

The Oceans cover more than 70 percent of the surface of our planet and play a key role in supporting life on earth. The oceans are home to millions of Earth's plants and animals.

- On an A4 size scrap book write a poem on aquatic life.
- Write a **Descriptive Writing** on Aquatic animals (8-10 sentences)

HINDI

आप घूमने के लिए तटीय क्षेत्रों में जाते हैं। अपने मनोरंजन के लिए आप स्कूबा डाईविंग करते हैं तो आप पाते हैं कि समुद्र की तलहटी में गंदगी, कचरा, प्लास्टिक का बेकार सामान आदि जमा है। इन्हें खाकर समुद्री जीवजंतुओं पर बुरा प्रभाव पड़ रहा है और वे मर रहे हैं जिन्हें देखकर आपके मन में जलीय जीवों के प्रति दया की भावना उत्पन्न होती है इसके लिए अपने अनुभव को 2 -2 पंक्तियों में स्लोगन रूप में **A4 Sheet** पर लिखिए।। (रोल नंबर 1 -19)

या

आज के बढ़ते तापमान को देखते हुए ग्लेशियर तीव्र गति से पिघल रहे हैं यदि आने वाले समय में पूरी पृथ्वी पानी में डूब जाएगी तो आप सोचिए पानी के नीचे जीवन कैसा होगा? इसी विषय पर सूर्य दादा व पृथ्वीवासियों की नॉकड्रॉक को कविता या पोस्टर के माध्यम से **A4 Sheet** पर व्यक्त करते हुए बताइए।। (रोल नंबर 20 -39)

ART & CRAFT

Do colouring in Page no.s 10,12,13,20,30,32