

ASN International School

MAYUR VIHAR-I

SUMMER VACATION HOLIDAY HOMEWORK

2016-17

CLASS VIII



UN goals chosen are Affordable and Clean Energy

Life Below Water

General Instructions:

- 1) Homework is to be done on A4 size sheets.
- 2) Adhere to the word limit.
- 3) Don't bring Home Work on the first day of reopening of the school. The dates for bringing the home work will be intimated later.
- 4) Revision worksheets should be done on A4 sheets and are compulsory for all students.
- 5) Use Eco Friendly material for making models.

ENGLISH

TOPIC: CLEAN AND AFFORDABLE ENERGY

- ❖ Visit an Eco-friendly/Green Building and present your findings about all the facts you have gathered in a scrapbook. Also paste related pictures.
[ROLL NO. 1-4]
- ❖ Make a Comic Strip Presentation in a scrapbook depicting Pollution related problems and also suggest how the problem can be solved by using Clean Energy resources- e.g Solar, Wind, Hydro, Geothermal, Bio-Gas.
[ROLL NO.5-8]
- ❖ Design a Pamphlet/Brochure giving adequate information along with related pictures about any two sources of Clean, Eco-friendly, Energy Resources-e.g Solar, Wind, Hydro, Geothermal, Bio-Gas.
[ROLL NO. 9-12]

TOPIC: LIFE BELOW WATER

- ❖ Gather information about the effect of pollution on **THE CORAL REEF/THE GREAT BARRIER REEF** of Australia and on the Aquatic Marine Organisms. Present your findings in a PPT or a **DOCUMENTARY**. Give interesting Captions and add sound-effect/music.
[ROLL NO. 13-16]

“Reading is to the mind what exercise is to the body”. Books tone up our intellectual taste and give us real pleasure of life encouraging us to explore ahead and hence the journey for new learning begins. Believing this, you are provided with two story books:

* The Merchant of Venice

* A Christmas Carol

Read the storybook The Merchant of Venice and attempt the worksheet based on it.

SOCIAL SCIENCE

TOPIC: CLEAN AND AFFORDABLE ENERGY

I. “Be the solution to run off pollution”[ROLL NO. 17-20]

Prepare an illustrated report on Pollution under the following sub-heading:-

- a. Types of Pollution
- b. Reasons of Pollution
- c. Methods adopted to curb pollution

The countries to be included are:-

1) India

- 2) China
- 3) South Korea
- 4) Germany
- 5) Malaysia

Note: Only handwritten work will be accepted and do not exceed 5 A4 size sheets.

II. **Model Representation**:- Prepare a model along with the factfile on any one of - Renewable sources of Energy. **[ROLL NO. 21-24]**

Topics to be covered

- a. Solar Energy
- b. Wind Energy
- c. Bio-Gas
- d. Hydro Power
- e. Geothermal

III. Prepare a documentary on “Cleaner Electricity today blue skies tomorrow”

[ROLL NO. 25-28]

Highlight: Energy saving methods adopted in the world.

* Duration of Documentary: 3 - 4 minutes

TOPIC: LIFE BELOW WATER

- ❖ Recent satellite images have shown the presence of coral reefs in Atlantic Ocean. Find out how satellite imaging helps in searching deep ocean secrets. Make a powerpoint presentation showing the various aspects of **Satellite Imaging** in finding out more about life below water. **[ROLL NO. 29-31]**

- ❖ Make a **FACT FILE** on **CORAL REEFS** (with coloured pictures) and include the following points: **[ROLL NO. 32 Onwards]**
 - A. Habitats (on the basis of Climate Conditions and temperature)
 - B. Nutrition/Eating Habits
 - C. Life Description/Life Cycle and Life Span
 - D. Human Interference (for destruction)
 - E. Significance of Coral reefs on earth and other related facts.

SCIENCE

TOPIC: CLEAN AND AFFORDABLE ENERGY

- ❖ 'Global warming begins at home' Justify this statement by making a project report on ' How do certain human activities contribute to Global warming'. And how the clean and affordable energy plays an important role to control this major threat to environment. Illustrate your project with meaningful pictures and slogans. **[ROLL NO. 1-4]**
- ❖ Make a poster on renewable vs. Non-renewable energy depict the advantages of one over the other through meaningful diagrams & slogan. **[ROLL NO. 5-8]**
- ❖ Prepare an article on various renewable sources of energy like solar, wind, tidal and geothermal energy along with their great environmental impact and usage in various countries. **[ROLL NO. 9-12]**

TOPIC: LIFE BELOW WATER

- ❖ Make a powerpoint presentation highlighting the adverse effect of construction of dams on aquatic life. **[ROLL NO. 13-16]**
- ❖ Make a factfile on Diversity of Aquatic and how an oil spill affects the bio diversity of aquatic flora and fauna. **[ROLL NO. 17-20]**

MATHS

1. For observing the consumption of electricity in your home .collect the photocopy of monthly bills of the months April,January,October, August and June. Simplify the data statistically: **[ROLL NO. 21-24]**

- 1) Find the range of the data month wise
 - 2) Draw it's bar graph
 - 3) Make frequency distribution table and also make histogram to represent the data.
 - 4) Compare the consumption of electricity using pie chart
- *Give two line message on save electricity

2. Design a mathematical newspaper (size 10" * 14") based on life below water which can include interesting knowledge oriented Puzzles, Riddles, Crossword, Poem. Give an attractive name to the newspaper and also paste the pictures of the members of editorial board along with their post. **[ROLL NO. 25-28]**

3. Make a model of clock representing the endangered animals instead of numbers according to the level of threat to the species. **[ROLL NO. 29-31]**

4. Make a table Calender for the year 2017. give a slogan on saving energy for every month and also mark even numbers with blue, odd numbers with green and perfect squares with red colour. **[ROLL NO. 32 onwards]**

HINDI [Mandatory for all]

प्र०1 कहानियाँ प्राचीन काल से मनोरंजन व ज्ञान वर्धन का साधन रही हैं । बचपन में दादी/नानी से सुनी कहानियों की सीख जीवन पर्यंत बनी रहती है । आप भी मनोरंजन व ज्ञानवर्धन के लिए 'सरसकहानियों' की एक से पाँच कहानियाँ पढ़कर किन्हीं दो कहानियों की निम्नबिंदुओं के आधार पर समीक्षा कीजिए –

- ❖ कहानीकानाम
- ❖ लेखक का नाम व परिचय
- ❖ मुख्य पात्र
- ❖ आपको किस पात्र ने सब से अधिक प्रभावित किया और क्यों ?
- ❖ यदि आप लेखक होते तो अपनी कल्पना से कहानी का कौन-सानयामोड़ देते (100 शब्दों) में लिखिए ।

COMPUTER

Shoot a movie in your surroundings or neighbourhood spreading the messages mentioned below. You can also shoot small videos and combine them in a movie maker software like Windows Movie Maker, Open Shot Video Editor or any other software.

- * Movie is totally your own creativity.
- * Do add **Effects, Slide Transitions, Pictures, music** etc.
- * Time limit - 10 minutes
- * Send the work at vandana.narang@asnschool.org mentioning Name, Class & Sec and Rollno. You can also bring the work in a pendrive.

Roll No (1-10) :Cruelty towards animals

Roll No (11-20) :Burning Uttrakhand

Roll No (21-30) :Emerging India

Roll No (31 onwards) :Online Education - A current education trend

ART & CRAFT [1-4 : Mandatory for all students]

1) PAGE NO-79 PONGAL (IN VISUAL ART)

2) PAGE NO-80 BIHU (IN VISUAL ART)

3) PAGE NO-83 STORYBOARD (IN VISUAL ART)

4) PAGE NO-103 APPLIED DESIGNING (BOOK COVER IN ART FILE)

Roll no :1-8 Make one Handmade table Calendar Year 2016.

Roll No : 9-16 Make one Wallhanging with the use of paper Mache.

Roll No: 10-17-24 Make one Handicraft item with the use of Balloon.

Roll No : 25-28 Make one Handicraft item with the use of Jute.

Roll No : 29 onwards Make one Handicraft item of Rajasthan.

SANSKRIT

प्रश्न1 सोलर ऊर्जा की विशेषताओंका वर्णन संस्कृत भाषा में(ए4 साइज की रंगीन शीट पर) 5 वाक्य लिखकर कीजिए। **[ROLL NO. 1-10]**

अथवा

सोलर ऊर्जादूसरीऊर्जासे किस प्रकार भिन्न और आसान है का वर्णन संस्कृत भाषा में (ए4 साइज की रंगीन शीट पर) 5 वाक्य लिख कर कीजिए।

प्रश्न2 मम विद्यालय: पर संस्कृत भाषा में एक अनुच्छेद लिखिए। **[ROLL NO. 11-21]**

प्रश्न3(घटिका) घड़ी बना कर अपनी दिन चर्या का वर्णन संस्कृत भाषा में (ए4 साइज की रंगीन शीट पर) 7-8 वाक्य लिख कर कीजिए। **[ROLL NO.22**

ONWARDS]
