**BHARATIYA VIDYA BHAVAN’S MEHTA VIDYALAYA**

**CLASS-7**

**SUMMER HOLIDAY HOMEWORK (2020-21)**

**ENGLISH-**

1. Watch It!!

Make a folder using waste products at home and file all the tasks given below in it. Use your creativity and design the cover beautifully.

1. Enjoy the movie “Frozen” or “Frozen II” with your family during this lockdown period.
2. Draw the main characters of the movie “Anna” and “Elsa” and write their character traits.
3. Imagine yourself as Elsa and write a paragraph describing what you would have done if you had the some magical powers. Mention how your powers would have helped the people of your country during the current pandemic Covid-19.

**MATHEMATICS-**

In view of Coronavirus :- Do the following activity:- Prepare a single bar graph ( If graph is not available , then make on Ms Excel on the topic “ Number of cases confirmed , recovered and death cases of COVID 19 from 20th May to 20th June ) of 10 worst affected states of India .

**Guidelines for this project:-**

1. Tabulate number of confirmed, recovered and death cases.

2. Find out the percentage of recovered cases over confirmed cases. Note:-Again tabulate them.

3. Find the percentage of death cases over confirmed cases. Tabulate them

4. Represent single bar graph of the percentage of recovered over confirmed cases.

5. Represent single bar graph of the percentage of death cases over confirmed cases of COVID 19.

**Experiential learning Holiday Homework**

1. Use inch tape and measure length and breadth of doors, windows and floor of your room and find their area in square meters .

2. While preparing Daal(pulses) for the family. Ask your mother about the ratio of pulses and water.

3. To prepare Dosa for the family of 6, ask your mother about the ratio of rice and pulses.

4. You can choose many other examples (at least 10). Note them down in your project file.

**GENERAL SCIENCE-**

* All questions are compulsory.
* You are requested to do holiday homework in a folder with loose sheets/or whatever sheets are available at home .
* Activity based homework –You are requested to make a greeting card on any one topic such as Mother’s day/Teacher’s day etc. or anything of your choice. Explanation will be shared through WhatsApp also.
* You can also paste pictures of your Eco club activity i.e. compost making in greeting card**.**

1. **Complete the table** :

|  |  |  |
| --- | --- | --- |
| **Symbiotic relationship** | **Partners** | **Roles** |
| Lichens | ----------------- and  ------------------ | a)-------------------provide food to ----------------------  b)----------------provide shelter ,ware and minerals to--------------- |
| Rhizobium—Legume | ---------------------- and  -------------------- | a)------------fix atmospheric nitrogen into soluble form which can be utilised by  --------------  b)Legume plant provide shelter and food to  -------------------- |
|  |  |  |

1. **Complete the table:**

|  |  |  |
| --- | --- | --- |
| **Raw materials** | **Source** | **Plant part** |
| Carbon dioxide | ---------------------- | Enter into leaves by ------------- |
| Water | Soil | Absorbed by---------------- |
| Sunlight(give energy for photosynthesis) | -------------------- | Captured by chlorophyll pigment present in ------------------- |
| Chlorophyll (traps solar energy) | Cell containing chlorophyll | ------------- and other green parts |

**3. Give the importance of:**

a) Chlorophyll b) Stomata c) Photosynthesis

**4.** Fats can easily be made from carbohydrate by plants but not proteins. Why?

**5. Give reasons:**

a) In cactus leaves don’t do photosynthesis.

b) Red purple leaves can do photosynthesis.

c) There is no need to add nitrogen fertilisers while growing leguminous plants.

d) Sun is the ultimate source of energy.

**6.** Draw the diagram of human digestive system and label the parts involved in it:

i) Ingestion of food ii) Secretion of saliva iii) Secretion of HCl iv) Secretion of bile

v) Secretion of pancreatic juice vi) Storage of bile vii) Absorption of food

viii) Removal of undigested food from body

**Activity based homework:**

To prepare a turmeric indicator at home:

i) Take One spoon of turmeric paste (turmeric powder into water).

ii) Make baking soda solution or soap solution.

iii) Take a filter paper/drawing sheet paper and apply turmeric paste on it, let it dry.

iv) After sometime ,draw any design/or topics mentioned above on that paper in step (iii) and let it dry again.

v) Your greeting card is ready.

**SOCIAL SCIENCE-**

1. Prepare a Wallpaper *(If chart paper is not available then make a PowerPoint presentation)*on the topic “How Indian Government is helping Poor people deal with COVID-19”.

**SIZE OF WALLPAPER: 2 FULL CHARTS PASTED TOGETHER**

The Wallpaper should include Government measures to help poor through Lockdown.

Following points should be covered in project:

1. The Pradhan Mantri Garib Kalyan Scheme

2. Important features of Finance minister relief package to the following:

(a) Farmers

(b) Workers in unorganized sector

(c) Women

(d) Senior citizens

3. Mention special provisions arranged by Government to help poor

Hint: special shelter homes, free food and health facility, special trains for migrant workers

4. Role of CORONA WARRIORS in dealing effectively with COVID -19. Mention role of any FIVE CORONA WARRIORS.

5. From Google collect pictures displaying the condition of poor and homeless during the

CORONA Pandemic in India and world. At least 10 relevant pictures should be collected and pasted in the wallpaper.

6. Write your experience of lockdown what new skills you learned, how you managed your time, helped your family and community etc.

1. Mark and label FIVE worst affected states by CORONA VIRUS every week starting from 11 May 2020. Prepare and keep record of map every Monday.

Use Blank India map from OLD MAP BOOK /IF MAP NOT AVAILABLE THEN DOWNLOAD FROM GOOGLE AND OPEN ON MS PAINT SOFTWARE AND DO IT USING MS PAINT SOFTWARE COLOUR FILL TECHNIQUE**.**

**COMPUTER-**

Make a PowerPoint presentation on any ONE of the following topics:-

a) Economic effects of COVID-19

b) Stages of COVID - 19

c) Effect of COVID – 19 on education

d) Climatic changes during global lockdown (like Ozone Hole size reduces in arctic, pollution, Himalayas visible from Jalandhar etc.).

**HINDI-**

1. बाल महाभारत कथा पुस्तक पढ़िए और महाभारत धारावाहिक देखिये | अपने पसंदीदा तीन पात्रों के विषय में जानकारी देते हुए बताइये कि वो आपको क्यों पसंद आये |
2. **स्वरचित कविता लेखन :-** नीचे दिए गए विषयों में से किन्ही दो विषयों पर कवितायेँ लिखिए | कवितायेँ मौलिक होनी चाहिए |

कविता लेखन से पूर्व विषय सम्बन्धी कवितायेँ ऑनलाइन अवश्य पढ़ें|

**विषय :-** लॉकडाउन , प्रकृति , नदी, भारत, पृथ्वी , माता, विद्यालय

**नोट :-** समस्त कार्य परियोजना पुस्तिका (प्प्रोजेक्ट फाइल ) में करें