

# SANT NIRANKARI PUBLIC SCHOOL, GOVINDPURI

## SUMMER VACATION HOMEWORK



It's Activity Time... let's go!

Dear Parents,

The time has come when you and your child can spend all the time together. That is right, it's the holiday season! Have lively discussions with your child, explore new ideas together, help them communicate and articulate their ideas.

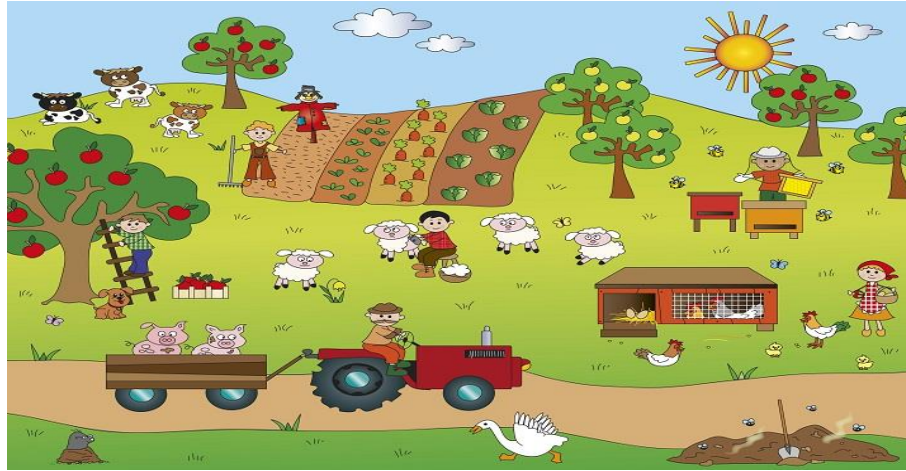
Help them be as creative as they can.

Your child will need your support and encouragement to do the given tasks.

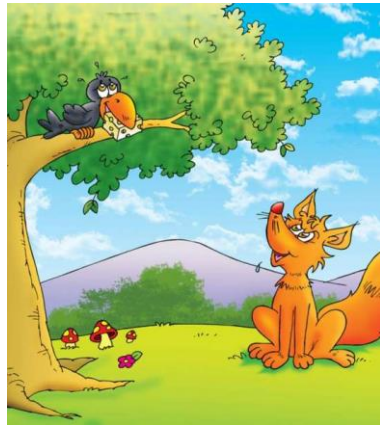
**SANT NIRANKARI PUBLIC SCHOOL, GOVINDPURI**  
**CLASS VII ENGLISH SUMMER HOLIDAY HOMEWORK**

**PROJECT**

1. Find any 5 adjectives from this picture and write its three degrees of comparison in tabular form.



2. Read about any famous personality just like Neerja Bhanot and make a page creatively showcasing his/her achievements along with colourful pictures related to it. (A-4 size sheet)
3. See the picture and frame a story in about 70-80 words.



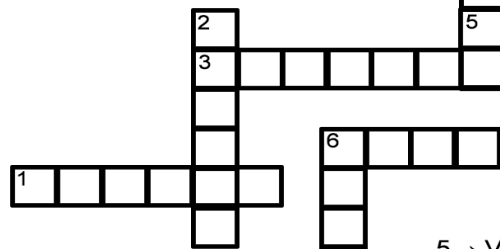
4. Solve this puzzle on Adjectives. (A-4 size sheet)

### Superlative Adjectives Crossword “In the World”

Solve the crossword puzzle using superlative adjectives

1→ Deserts are the \_\_\_\_\_ places on Earth.

2↓ 123 years is the \_\_\_\_\_ a man has ever lived in the world.



3→ Russia is the \_\_\_\_\_ country in the world.

4↓ Antarctica is the \_\_\_\_\_ continent in the world.

4→ Mercury is the \_\_\_\_\_ planet to the sun.

5→ Vatican city is the \_\_\_\_\_ country in the world.

6→ Diamonds are the \_\_\_\_\_ material in the world.

6↓ The elephant is the \_\_\_\_\_ animal in the world.

7→ The cheetah is the \_\_\_\_\_ animal in the world.

8↓ Mount Everest is the \_\_\_\_\_ mountain in the world.

#### ASSIGNMENT:

1. Do the following pages (Pg 50-57- Worksheet 1,2,3,4,5,6) in the grammar book itself.
2. Read the unseen passage of Grammar book (Pg 177-Comprehension 1) and do the questions in an A-4 size sheet.

#### Note:

- Revise the syllabus done in the month of April and May for upcoming Periodic Test –
- Read English newspapers/ magazine to enhance your reading skills.

कक्षा - सातवीं (2023-24)

विषय - हिंदी

सामान्य निर्देश :-> हिंदी ग्रीष्मकालीन गृहकार्य हेतु आप अलग से पतली कॉपी अथवा फोल्डर बनाएं। कार्य स्पष्ट सुंदर ढंग से पूरा कीजिए।

प्रश्न (1) रचनात्मक कार्य :-> रचनात्मक कार्य अपने अनुक्रमांक (Roll No) के अनुसार कीजिए :-

- \* अनुक्रमांक (1-15) हिमालय की कैंचियाँ पाठ के आधार पर A/4 शीट पर हिमालय पर्वत का चित्र तथा उससे उत्पन्न होने वाली नदियों के नाम चित्र सहित दर्शायें।
- \* अनुक्रमांक (16 से 30) कठपुतली कविता के आधार पर आप धर में रखे पुराने कपड़ों अथवा अपनी जुरब में रुई भरकर एक सुंदर कठपुतली तैयार कीजिए।
- \* अनुक्रमांक (31 से 42) वनमहोत्सव का महत्व दर्शाते हुए कोई पाँच नारा लेखन कीजिए (अलग-अलग बैनर रूप में)।
- \* अनुक्रमांक (43 से 55) किन्हीं दस अनेकार्थी शब्दों के चित्र सहित फ्लैट कार्ड तैयार कीजिए।

प्रश्न 2 कार्यपत्र :- निम्नलिखित कार्यपत्र को सभी विद्यार्थी निर्देशानुसार करें :-

- \* अप्रैल तथा मई मास में करवाया गया सम्पूर्ण पाठ्यक्रम को अभ्यास सहित याद करें।

- \* महाभारत के आधार पर आप निम्नलिखित वर्ग पहेली में से महाभारत के पात्र खोजिए तथा उनके नाम लिखिए।

### महाभारत के पात्र

वि	इ	ए	क	ल	व्य	भी	ष	शि	ख	ण्डी	यु
रा	क	शा	त्व	अ	भि	म	नु	रु	कमी	रो	धि
ट	न्त	र्ण	स	र्जु	श	त्य	ग	गा	क्मि	हि	डि
नु	•	शि	त्य	न	कु	ल	हि	स्था	अ	णी	र
हु	क	शु	व	द्रो	नि	न्ती	डि	री	स्त्रि	ब्रौ	कृ
प	ष्ण	पा	ती	णा	व	अ	म्बा	लि	का	प	पी
द	ण्ड	ल	चा	चा	सु	भ	ब्रा	सं	धु	दी	उ
वि	चि	त्र	वी	र्य	दे	घ	अ	ज	त	त	प्र
दु	त्रां	स	ह	दे	व	टो	धु	य	रा	कं	से
र	ग	सा	त्य	कि	की	ल्क	त्या	ब्र	इ	स	न
वे	द	व्या	स	य	क्ष	च	मा	थ	मा	ब्री	न्ध
ड	यो	ध	न	ब	ब	री	क	ब	त	रा	म

\* कोई एक अपठित गद्यांश लिखकर नीचे दिए गए प्रश्न उत्तर हल कीजिए ।

\* कोई एक स्वरचित कविता लिखिए ।

\* किसी वस्तु की बिक्री बढ़ाने हेतु सूचित्र विज्ञापन तैयार कीजिए ।

\* योग का महत्त्व दर्शाते हुए दो मित्रों के बीच योग विकास पर संवाद लेखन कीजिए ।

प्र०३

कला समेकित गीतावाच्य:-

\* हिंदी-दिवस कब मनाया जाता है ? हिंदी की उपयोगिता बताते हुए पाँच वाक्य A4 शीट पर लिखिए ॥

\* हिंदी-दिवस पर नारा-लेखन पोस्टर बनाकर दर्शाये ॥

\* विद्यालय पत्रिका हेतु स्वरचित कविता, पत्र, लेख, ज्ञानवर्द्धक जानकारियाँ पहेलियाँ आदि लेख तैयार कीजिए । कविता मौलिक होनी चाहिए ।

\* "एक भारत श्रेष्ठ भारत" के तहद एक देशभक्ति कविता A4 शीट पर चित्र सहित लिखिए एवं कंठस्थ कीजिए ॥

प्र०४. दिए गए चित्र की सहायता से एक लघु कहानी उसके शीर्षक सहित लिखिए ॥

कहानी लेखन



✂ ✂ ✂ ✂ ✂ ✂ ✂ ✂

विषय - संस्कृत

प्रश्न-1 परियोजना कार्य :-

(फाइल कार्य)

- (i) 'प्रातः कालीन सैर' के महत्व पर चित्र सहित संवाद लिखिए।
- (ii) दैनिक जीवन में प्रयोग में आने वाले 10 शब्दों को चित्र सहित संस्कृत में लिखिए।
- (iii) पाठ- 2, 3, 4 लङ् लकार के तीनों पुरुषों का प्रयोग करते हुए A-4 साइज शीट पर 10 वाक्य लिखिए।
- (iv) 'पर्यावरण दिवस' पर नारा-लेखन सचित्र लिखिए।
- (v) A-4 साइज शीट पर अपनी दिनचर्या पर चित्र सहित संस्कृत भाषा में 10 वाक्य लिखिए।

प्रश्न-2 पूरक पुस्तक (दिव्यम्) (एकपदेन उत्तरत) (उत्तरपुस्तिका)

- (i) प्रातः भ्रमणेन शरीरं कीदृशं भवति ?
- (ii) कस्य जन्मदिवसः आसीत् ?
- (iii) कः बुभुक्षितः आसीत् ?
- (iv) तव विद्यालये कस्याः प्रतियोगिता आसीत् ?

'व्याकरण'


- (i) शब्द रूप 'अस्मद्' लिखिए व याद कीजिए।
- (ii) 'नम्' धातु (लृट्, व लङ्) लकार लिखिए व याद कीजिए।
- (iii) विलोम शब्द (1 to 20) तक लिखिए।
- (iv) पर्यायवाची शब्दाः (1 to 15) तक
- (v) देनान्दन प्रयोगाय शब्दावली - (नमके से अनार तक)

नोट:- 'व्याकरण' का गृहकार्य उत्तरपुस्तिका में कीजिए।

**CLASS – VII**  
**SUBJECT - MATHEMATICS**

1. Revise the entire syllabus covered till May 2023. [in separate notebook]
2. Assignment to be done in separate notebook.
3. Learn tables from 2 to 25.
4. Project: Complete this project work which is assigned according to your roll no.
  - i. Make a 3-D working model of “ Symmetry”. (Roll No 1 to 25)  
**You Tube Link: for your reference**  
<https://youtu.be/LzxwF82oSM>
  - ii. Prepare a working model on “Fractions”. (Roll No 25 onwards)  
**You Tube Link: for your reference**  
<https://youtu.be/PlvsJrKm-Q>
5. Activity: Solve **fraction crossword puzzle** on A4 Sheet.

## Cross Word Puzzle



1				2		
		3			4	
	5			6		
7			8			
		9			10	
	11			12		

**ACROSS**

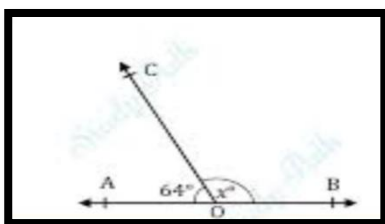
1.  $\frac{3}{5}$  of 25
2. five-ninths of 81
3.  $\frac{2}{9}$  of 54
5. half of thirty-two
6.  $\frac{4}{5}$  of twenty-five
7.  $\frac{2}{3}$  of 54
8. three-tenths of 50
9.  $\frac{1}{3}$  of 78
11.  $\frac{3}{9}$  of thirty-six
12. two-thirds of 21

**DOWN**

1.  $\frac{2}{3}$  of eighteen
2.  $\frac{6}{7}$  of forty-nine
3.  $\frac{1}{4}$  of 64
4. two-fifths of 25
5.  $\frac{4}{5}$  of twenty
6. a quarter of 100
7. four-fifths of 40
8. half of 32
9. one third of 66
10.  $\frac{3}{8}$  of 64

## ASSIGNMENT

- Find the product using suitable property  
 $(-108) \times 8 + (-108) \times 2$
- Divide:  $(657.2 \div 100)$
- Multiply and reduce to lowest form(if possible)
  - $\frac{11}{2} \times \frac{3}{10}$
  - $\frac{9}{5} \times \frac{3}{5}$
- A rectangular sheet of paper is  $12\frac{1}{2}$  cm long and  $10\frac{2}{3}$  cm wide. Find its perimeter.
- In a class test containing 10 questions, 5 marks are awarded for every correct answer and (-2) marks are awarded for every incorrect answer and 0 for each question not attempted.
  - Ravi gets 4 correct and 6 incorrect answer. What is his score?
  - Reenu gets 5 correct and 5 incorrect answers. What is her score?
  - Heena gets 2 correct and 5 incorrect answers. What is her score?
- Find the product:
  - $6.6 \times 2.4$
  - $3.05 \times 6.3$
- Divide:
  - 25.395 by 1.5
  - 0.076 by 0.19
- Write a pair of integers whose difference gives:
  - Zero
  - A negative integer
- Subtract -134 from the sum of 38 and -97.
- Find the complement of following angles:
  - $40^\circ$
  - $85^\circ$
- Find the value of x in the given figure:



- Can two angles be supplementary if both of them are
  - Acute ?
  - Obtuse ?
  - Right ?



# **SOCIAL SCIENCE**

## **PROJECT**

- i. Differentiate between the governmental setup of India and USA. Do it in the following format. The first column has been done as an example. Write few lines on each point of the parameters.

Parameters	Indian Government	USA government
System of governance	Parliamentary form of government.	Presidential form of government.
Head of the state		
Nature of the Constitution		
Citizenship		
Legislative body		
Cabinet ( Executive)		

OR

Water scarcity is the lack of sufficient available water resources to meet the demands of water usage within a region. Research on any five causes of water scarcity in our country and the best solutions for it.

Make a presentation of 8-10 slides elaborating the causes of this problem in India and the best solutions for it.

Web Sources: [Causes, Effects and Solutions to Water Scarcity \(Water Deficit\) - Conserve Energy Future \(conserve-energy-future.com\)](#)

[India's water crisis: A permanent problem which needs permanent solutions | ORF \(orfonline.org\)](#)

## **ACTIVITY**

- i. Write name of 5 countries with single party, bi-party and multi-party systems. Mark the countries on the outline map of the world.

Single Party System	Bi- Party System	Multi-Party System

- ii. Make any 2 useful products from waste materials like bangles, invitation cards, newspapers, used plastic bottles etc.

- iii. Make a chart by pasting pictures of symbols of different political parties of India. Also mention the year of establishment of the party and two present leaders of the party.

## **ASSIGNMENT**

Q1. Who was al-Idrisi?

Q2. Who is a 'cartographer'?

Q3. What difference do you notice in the map drawn by al-Idrisi?

Q4. Who for the first time used the term Hindustan and when?

Q5. What sources do the historians use for the study of a particular period of history?

Q6. What do you mean by archives?

Q7. What do you understand by democracy?

Q8. What is the significance of election Commission in modern democracy?

Q9. Differentiate between biotic and abiotic environment.

Q10. Imagine an ideal environment where you would love to live. Draw the picture of your ideal environment.

# Let us learn about Group of Twenty (G 20)

A Reading for Students of Classes VI, VII and VIII



Ministry of Education  
Government of India

## Let us learn about Group of Twenty (G 20)

Here is a conversation on Group of Twenty (G20) in which Kannan, Aastha and their teacher Mrs. Ekta are deliberating about G 20, its roles and India's presidency this year. Let us read their conversation.

**Aastha:** Namaskar! Kannan and Namaskar Madam! How are you?

**Kannan:** Namaste! I am fine. How are you, Aastha?

**Mrs. Ekta:** Namaskar. I am doing well. How are you?

**Aastha:** Madam, I would like to know about G20. I read in the newspaper and watched on television news about it. **India has taken over the presidency of G20. Our Prime Minister assumed as the chair of G 20.**

**Mrs. Ekta:** Yes Aastha, You should first know that India is the Fountain Head of Democracy and the first Republic of the world originated in the Ancient India. G20 forum gives India the unique opportunity to communicate its democratic ethos to the world specially during the presidency of G 20..

**Kannan:** Wow. Like Aastha, I too want to learn about G20.

**Mrs. Ekta:** That is good. I am very happy that you are aware of what is happening around the world. This curiosity and interest, I like it. Fine. Let me ask you a question before I tell you about G 20. Do you know the expansion of G20?

**Kannan:** Yes I know. It is 'Group of Twenty'?

**Aastha:** Yes. I too know it. Is it because twenty countries are members of G20?

**Mrs. Ekta:** Are all 20 of them countries or any organizations or group of countries are also in it?

**Kannan:** Yes. I think all of them are countries.

**Mrs. Ekta:** No. There are **19 countries** and one union of countries known as **European Union**. We will understand this further. Now let us know what G20 is; why it was created and so on.

**Kannan:** Yes madam. Tell us about it.

**Mrs Ekta:** The G20, or Group of Twenty, is a forum for international economic cooperation and mutual understanding. It is an **intergovernmental forum** of the world's 20 major developed and developing economies. Intergovernmental means two or more governments. You see there are governments of 19 countries and there is European

Union which is another forum of most countries of Europe.

**Aastha:** Oh! This is great – a forum of many countries. Madam I have a question. You said that it is an intergovernmental organization which we understand. You also said that it is a forum for 20 major **developed and developing economies**. What is this, ‘developed’ and ‘developing’ countries?

**Kannan:** Yes. Could you please tell us about it?

**Mrs. Ekta:** You know some of the countries in the world have economically grown over a period and they have material wealth, high standard of living, and they are engaged in lots of trading activities. They are known as developed countries. Most people in the developed countries earn higher incomes when compared to developing countries. This forum of G20 has both developed countries and developing countries. This is to bridge the gap between these two categories of countries. You can see this. The 19 countries are from all the continents except Antarctica (where there is no human population living) of the world. Here is a list of countries Aastha and Kannan. You read it out for yourself.

**Aastha and Kannan:** Yes madam. Here are the countries. It is given in alphabetical order **Argentina, Australia, Brazil, Canada, China, France, Germany, India, Indonesia, Italy, Japan, Republic of Korea, Mexico, Russia, Saudi Arabia, South Africa, Turkey, United Kingdom and United States, and the European Union.**

**Kannan:** Let me check which country from Africa is member of G 20. Yes. It is South Africa.

**Aastha:** Let me tell you which are the countries from Asia, our continent, India, China, Indonesia, Japan, Republic of Korea, Saudi Arabia and Turkey.

**Kannan:** Yes. But Turkey is both in Asia and in Europe.

**Aastha:** Yes. Like Russia which is spread across Asia and Europe.

**Mrs. Ekta:** So, Can we say it is truly a global forum of economic and political cooperation?

**Aastha:** Yes. It is truly a global forum.

**Kannan:** So it is a historic moment and a proud moment for all of us in India that India has assumed the G20 Presidency.

**Mrs. Ekta:** Yes, definitely. Do you know that India has assumed the Chair from 1<sup>st</sup> December 2022 till 30<sup>th</sup> November 2023?

**Kannan:** Yes. Let me ask you madam, When was it started? How and why this G20 began?

**Mrs. Ekta:** I like your interest. Let me tell you. The G20 was founded in 1999 after the Asian financial crisis as a forum for the Finance Ministers and Central Bank Governors to discuss global economic and financial issues. There was a financial crisis affecting Asian countries and this G20 was formed to address the economic crisis. Notice, that it started as a forum of Finance Ministers and Governors of Central Banks. Central Bank is the Reserve Bank in India. In the year 2007, G20 was upgraded to the level of Heads of Countries /Government when there was a global economic and financial crisis which affected all the countries of the world. G20 was designated the ‘**premier forum for international economic cooperation**’ in the year 2009. It became a truly a global forum for economic cooperation and mutual understanding and support.



**Kannan:** Oh! Thank you, madam. This is interesting. It has grown into a global forum to benefit all.

**Aastha:** I am rather excited to learn about the G20’s transformation. Madam there is a logo for G20. Could you please tell us about the G20 logo?

**Mrs. Ekta:** You can see it here . G2 with earth in place of zero on the lotus, our national flower. Under this is **Bharat in Hindi, 2023 and India**. International cooperation is gaining greater prominence as the world is integrating more and more due to economy and digital technology. However, India is imbued with this spirit since more than 3000 years and has been always at the forefront of cooperation. Below the logo is the inspiring quote from the ancient Sanskrit text, *Maha Upanishad Vasudhaiva Kutumbakam- One Earth One Family One future*. This is India’s message to the world through G20 that ‘**the World is one family**’. This

theme makes it relevant to today's world as conflicts and war in many countries, poverty and other problems are affecting lives of people and community as a whole.



वसुधैव कुटुम्बकम्

ONE EARTH • ONE FAMILY • ONE FUTURE

The G20 Logo draws inspiration from the vibrant colours of **India's national flag – saffron, white and green, and blue. It juxtaposes planet Earth with the lotus, India's national flower that reflects growth amid challenges.** Theme affirms the value of all life – human, animal, plant, and microorganisms – and their interconnectedness on the planet Earth and in the wider universe.

**Aastha:** This is both interesting and inspirational. I feel proud as an Indian.

**Kannan:** I too feel the same, a proud Indian.

**Mrs. Ekta:** Let me also tell you a bit more about the theme of the G 20 Logo. The theme also spotlights LiFE (Lifestyle for Environment), with its associated, environmentally sustainable and responsible choices, both at the level of individual lifestyles as well as national development, leading to globally transformative actions resulting in a cleaner, greener and bluer future.

**Aastha:** Oh! I see. This is much more needed for young people like us. We need to preserve our environment.

**Mrs. Ekta:** Let me also share with you that the concept of LiFE (Life Style For Environment) was enunciated by our Prime Minister Shri Narendra Modi at Glasgow in the Conference of Parties (CoP 26) in 2021. Something more about G20 and how it is important for India. You know very well that we are celebrating 75 years of our independence. For India, the G20 Presidency also marks the beginning of 'Amritkaal', the 25-year period beginning from the 75th anniversary of its independence on 15 August 2022, leading up to the centenary of its independence, towards a futuristic, prosperous, inclusive and developed society, distinguished by a human-centric approach at its core, the centre.

**Kannan:** That is really exciting! I am looking forward to see how these are realized.

**Aastha:** Yes. This makes me ask you madam, another question. What are the activities and events India is organizing as part of the G20?

**Mrs. Ekta:** There are lots of activities for everyone to participate and contribute. India will host over 200 meetings in over 50 cities across 32 different work streams i.e. themes and area of work. Through these meetings we will have the opportunity to offer G20 delegates and guests from the G20 countries and also from Guest countries a glimpse of India's rich cultural heritage and provide them with a unique Indian experience.

**Aastha:** You said some countries are invited as guest countries. Tell us about it later. Now let me ask a question, "Do we, school, students have any activities?"

**Kannan:** I am eager to participate.

**Mrs. Ekta:** Yes. There are many activities and events for school and university students. There are some activities already launched / started. You can participate in them. There are two Quiz competitions –one on general awareness about G20 and the other on Life Style for Environment Quiz. These two quizzes have been already launched and are available on <https://quiz.mygov.in> One slogan writing competition has also been launched. You can see that online and write a slogan on G20 and its various aspects.

**Kannan:** I will definitely participate.

**Aastha:** I too will do it, right now.

**Mrs. Ekta:** Many more events are scheduled for the whole year. Augmented Reality (AR) and Virtual Reality (VR) exhibitions for school learners. Science Exhibition will also be held at different locations shown in the schedule of activities. You can refer to them on the dedicated G20 website [g20.org](http://g20.org) and from Ministry of Education, Government of India's website and also from NCERT website <https://ncert.nic.in> Aastha and Kannan, I told you that there some countries invited as guest countries. Let me tell them about these countries. The guest countries are: Our neighbor, Bangladesh, Egypt, Mauritius, Netherlands, Nigeria, Oman, Singapore, Spain and United Arab Emirates (UAE)

### Guest Countries





**Aastha:** It is again countries from all over the world.

**Kannan:** Great! Bringing all the countries means bring the peoples of the world together to lead a harmonious life.

**Mrs. Ekta:** Absolutely! Let me also tell you. There are many international organizations like the United Nations will also participate in the G20 activities during India's presidentship.

**Aastha:** Fine. Which are the organizations?

**Mrs. Ekta:** Kannan, Can you guess?

**Kannan:** I know that UNO would be there. But....

**Mrs. Ekta:** Yes. You are right. But many more organizations are participating as invitees in the G20 activities. These include: United Nations, International Monetary Fund (IMF), World Bank (WB), World Health Organization (WHO), World Trade Organization (WTO), International Labour Organization (ILO), Financial Stability Board (FSB) Organization for Economic Co-operation and Development (OECD) and many more regional organizations like Asian Development Bank (ADB).

**Aastha and Kannan:** Thank you madam for making us understand and aware of G20 and its role and function, how India's presidency is important for India as well as other countries of the world.

**Mrs. Ekta:** Fine. You are welcome. Let me also tell you something that India offers and makes this year's G20 events and India's Presidency unique and distinct is that **India's G20 Presidency will be taking the G20 closer to the public and making it truly a 'People's G20'**. To realize this, Citizen engagement and large scale public participation through various **Jan Bhagidari activities are planned throughout the year**. This is the vision of India's Prime Minister, Shri Narendra Modi.

**Aastha and Kannan:** Thank you madam.

**Mrs. Ekta:** You are welcome. Let me give you two tasks for both of you. First as you promised, to participate in the quiz and slogan competition. The other task is to visit G20website <https://www.g20.org> and read about the countries and their socio, economic and cultural aspects.

**Aastha and Kannan:** Sure madam. Will do.

**Read the above given conversation carefully and based on your learning from the conversation, do the following activities:**

- i. Make a list of the member countries of G20 and mark them on an outline map of the world.**
- ii. Draw a colorful diagram of G20 logo on an a4 size sheet.**
- iii. Explain the theme of G20 summit, 2023 in your own words.**

**Or**

**Explain India's message to the world in your own words-**

**“Vasudhaiva Kutumbakam- One Earth, One Family, One future”.**

**CLASS – VII**  
**SCIENCE**

**PROJECT WORK:-**

**GENERAL INSTRUCTIONS:** Complete this project work which is assigned to you according to your Roll no.

1. Make a static model of Land and sea Breeze. (Roll no: 1-10 )
2. Make an earthen water purifier.(Roll no: 11-20)
3. Make a 3-D model of Thermometer. (Roll no: 21-30)
4. Make 3D model of Human respiratory system. (Roll no: 31-40)
5. Make a 3-D model of Stomata. (Roll no: 41 onwards)

**ACTIVITY:**

1. Make posters on the following topics explaining how it affects our health.
  - Hazards of burning crackers
  - Harmful effects of smoking
2. Choose any one element and write its story! Find out about when it was discovered and how it has been used through the ages. Look for scientific information about the elements such as its symbol, occurrence in nature and examples of its applications on the internet.

**WORKSHEET**

1. A goat eats away all the leaves of a small plant (balsam). However, in a few days, new leaves could be seen sprouting in the plant again. How did the plant survive without leaves?
2. Nitrogen is an essential nutrient for plant growth. But farmers who cultivate pulse crops like green gram, bengal gram, black gram, etc. do not apply nitrogenous fertilizers during cultivation. Why?
3. Wild animals like tiger, wolf, lion and leopard do not eat plants. Does this mean that they can survive without plants? Can you provide a suitable explanation?
4. Shopkeepers selling ice blocks usually cover them with jute sacks. Explain why.
5. Why is it advised not to hold the thermometer by its bulb while reading it?
6. At a campsite, there are tents of two shades – one made with black fabric and the other

Air, copper sulphate, iron, vinegar, iron oxide,  
carbon dioxide, iron sulphate, copper, lime water, water

- with white fabric. Which one will you prefer for resting on a hot summer afternoon? Give a reason for your choice. Would you like to prefer the same tent during winter?
7. Write word equations for two chemical reactions with the help of materials given in the box above.
  8. Explain the following:
    - (a) Lime water turns milky on passing carbon dioxide gas into it.
    - (b) Bubbles are produced when acetic acid is added to a solution of sodium hydrogen carbonate.
  9. Give an example of a chemical reaction for each of the following situations:

(a) A change in colour is observed.

(b) Gas is evolved.

(c) Sound is produced.

10. A student took a solution of copper sulphate in a beaker and put a clean iron nail into it and left it for about an hour.

(a) What changes do you expect?

(b) Are these changes chemical in nature?

(c) Write a word equation for the chemical change, if any.

**Prepare for Periodic Test-I.**

## Class VII

- Make a landscape collage in art file. (Page 84)
- Make A set of quilling Jewellery.
- Make one wall hanging with decorative materials.
- Make one pen stand and decorate it with clay.

For example :



# Computer

## Visual based Homework

- Create a colorful conversion chart in A4 Size sheet. (Pg.No. 7)
- Solve the worksheet in A4 size sheets (link given below) , and file it in computer portfolio file. :-

<https://playground.edusoft.co.in/worksheets-data-representation-in-computers/#1646576159168-5e051bbf-83fe>

<https://playground.edusoft.co.in/worksheets-mail-merge-with-msword/#1647245878811-6caa2600-cf99>

- You can take printout of the worksheets (link given below) ,solve it and file it in computer portfolio file.

<https://playground.edusoft.co.in/worksheets-data-visualisation-in-excel/>

<https://playground.edusoft.co.in/worksheets-e-commerce-and-social-media/>

checkout : <https://playground.edusoft.co.in/playgames/>

- Download and take a colored printout of the following handbooks :-

cyber safety [https://cybercrime.gov.in/Webform/Crime\\_OnlineSafetyTips.aspx](https://cybercrime.gov.in/Webform/Crime_OnlineSafetyTips.aspx)

cyber crime :- <https://cybercrime.gov.in/UploadMedia/TSWSW-HandbookforTacklingCyberCrimes.pdf>

- Learn ch-1 & 2, do complete your Notebook and prepare yourself for upcoming periodic exams.