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-VIII ENGLISH

SUMMER HOLIDAY HOMEWORK

PROJECT

- 1. Write quotations/ slogans on the moral values derived from the lesson (Idgah) and also draw a picture depicting the same (A4 size sheet)
- 2. On an A3 size of sheet prepare a flowchart explaining the different types of Determiners.
- 3. On the basis of Chapter- 'On the top of Hill' prepare list of any 5 Mountaineers those who have successfully climbed Mount Everest. (Name, Country, Age. The year in which Mt. Everest peak was reached, Flag of the country). Show your creativity on an A3 Size sheet with the help of pictures

ASSIGNMENT:

- 1. Imagine you are going on a Trek with your friends. Write a diary entry expressing your feelings. Mention the place and things you enjoyed doing. (A4 size sheet)
- 2. Do the following pages (Pg 44-48- Worksheet 1,2,3) in the grammar book itself.
- 3. Read the unseen passage of Grammar book (Pg 191-Comprehension 1) and do the ques —ans 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.

सामान्य निर्देश:

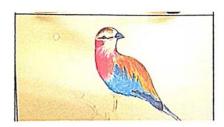
- ≻ गृह कार्य हेतु आप अलग कॉपी या फोल्डर बना सकते हैं।
- 🕨 कॉपी के बाहर आप नाम, कक्षा सेक्शन अवश्य लिखिए।
- > कार्य स्पष्ट एवं सुंदर करें।

प्रश्न -1- लाख की चूड़ियों का निर्माण कहाँ -कहाँ होता है ?चूड़ियों के द्वारा निम्न दी गई गतिविधियों के अलावा और क्या -क्या बनाया जा सकता है ?चित्र सहित बनाकर उनके नाम लिखिए |





प्रश्न -२ "काश मै पक्षी होता" विषय पर एक अनुच्छेद लिखिए |



प्रश्न -3 अपने पड़ोस में रहने वाले पाँच ऐसे परिवारों का पता लगाइए जिनकी क्षेत्रीय भाषा भिन्न हो| उनकी भाषा से जुड़े पाँच वाक्य लिखिए | प्रश्न 4-आप अपने माता -िपता की घर में किन- किन कार्यों में मदद करते है एक शीट पर उन सभी कार्यों की सूची चित्र सहित लिखिए |

प्रश्न 5- जल संरक्षण के उपाय बताते हुए सचित्र सुन्दर नारा लेखन तैयार कीजिए ।
प्रश्न 6-अपने किसी भी सगे संबंधी को अपने दिल की बातें बताते हुए पत्र लिखिए ।
प्रश्न 7-भारत के किन्हीं पाँच वीरों के बारे में लिखिए जिन्होंने अपना सर्वस्व जीवन देश पर न्योछावर किया ।

प्रश्न 8- कोई दस पर्यायवाची शब्दों और विलोम शब्दों पर चित्र सिहत फ्लैश कार्ड बनाइए | प्रश्न 9--देश में बढ़ती बेरोजगारी को देखते हुए दो मित्रों के बीच संवाद लिखिए | प्रश्न 10 'G-20' का चिह्न बनाइए और इसमें भाग लेने वाले देशों का झण्डा बनाकर उसके सम्मुख देश प्रधान का नाम और भाषा लिखिए |

उदाहरण

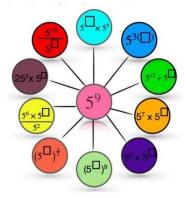
देश	देश प्रधान	भाषा
	राष्ट्रपति श्री फ्रेंक-	जर्मनी
	वाल्टर स्टीनमीयर	
जमन		
, i	प्रधानमंत्री माननीय	अंग्रेजी और फ्रेंच
7	जस्टिन डो	
कतादा		

SUBJECT – MATHEMATICS

- 1. Revise the entire syllabus covered till May 2023 in separate Notebook.
- 2. Activity and Assignment need to be done in separate file on A4 Sheet.
- 3. All Questions of Activity is Compulsory.
- 4. All Questions of Assignment is Compulsory.
- 5. Project work is Mandatory and need to be done is proper manner.

ACTIVITY

1. Complete the diagram with suitable values such that the answer must come 59 in each case.



2. Using your perfect square tile and perfect cube cubes , create each of the following models :

LENGTH OF	SKETCH OF	NUMBER OF	SKETCH OF	NUMBER OF
EACH SIDE	YOUR PERFECT	TILES USED IN	YOUR PERFECT	CUBES USED
(DIMENSION)	SQUARE WITH	CREATING A	CUBEWITH	IN CREATING
	DIMENSIONS	PERFECT	DIMENSIONS	A PERFECT
	LABELLED	SQUARE	LABELLED	CUBE
1				
2				
3				
4				
5				

- 3. Apply what you already know about perfect squares to answer the following questions.
 - a) What does it mean to cube a number? Explain using full sentences.
 - b) Which part of your model represents the value of cubing a number, ex. the value of 4³ is represented where, how? Explain using full sentences.

- c) Which part of your model represents the cube root of a number, such as the cuberoot of 8 as $\sqrt[3]{8}$? Explain using full sentences.
- d) What does it mean for a number to be a perfect cube? Would you say that allnumbers are perfect cubes, explain your answer?

ASSIGNMENT

- 1. Write 2/3, -4/9, -8/11 in ascending order.
- 2. Using appropriate properties Find:

$$\frac{-1}{2} + \left[\left(\frac{-4}{3} \right) + \frac{3}{7} \right]$$
$$\left[\left(\frac{-1}{2} \right) + \frac{3}{7} \right] + \left(\frac{-4}{3} \right)$$

- 3. Evaluate [(1/2)-1 (1/3)-1]-1
- 4. Compare 7×10^{-6} and 129×10^{-7}
- 5. Find a Pythagorean triplet corresponding to n=5.
- 6. The size of a plant cell is 0.00001275 m. express it in standard form.
- 7. Using prime factorization, find the square root of 729.
- 8. Find the greatest four digit number which is a perfect square.
- 9. If the thickness of a paper sheet is 0.0016 cm, find the thickness of 100 sheets. Express the answer in standard form.
- 10. What is the smallest number by which 288 must be multiplied so the product is a perfect cube?
- 11. Find the cube of 4/5.
- 12. Express 49 as the sum of seven odd numbers.
- 13. Simplify: $(-3)^5 \times (5/3)^5$.
- 14. Write different properties of a rational number.
- 15. Find the value of 'm' for which $6^{m} / 6^{-3} = 6^{5}$?
- 16. Find the sides of a cubical box whose volume is 64 cm³.
- 17. Is 343 or 243 a perfect cube?
- 18. Find the cube root of 8000.
- 19. The area of a square plot is 2304 m². Find the side of the square.
- 20. Is 900 a perfect square? How?

PROJECT WORK

- Working model on cube and cube roots. Take help of the below YouTube video link and prepare project accordingly. [Roll No. 1 -15] https://youtu.be/i8ChkFPrisU
- 2. Working model on square and square root. Take help of the below YouTube video link and prepare project accordingly. [Roll No. 16 -30] https://youtu.be/dJBYjD4TwKU
- Working model on square and square roots .Take help of the below YouTube video link and prepare project accordingly. [Roll No. 31 -44] https://youtu.be/GWGEA3Dk-El

SUB: SST

PROJECT

i. You must have gone to your hometown in the recent years, but you all are living in New Delhi. Based on your experiences, Create a Comparison on A4 SIZE sheet between the two places, in the following terms:



ii. Based on the above Parameters, prepare a PPT of 8-10 slides on your Hometown highlighting all major components. You can take help from the above mentioned points.

S.NO.	Component of Comparison	DELHI	Name of your Hometown:
1.	Occupation		
2.	Transportation Used		
3.	Types of Houses		
4.	Climate/ Temperature		
5.	Languages Spoken		
6.	Festivals Celebrated		
7.	Places to Visit		
8.	Famous For		
9.	Type of Food Preferred		
10.	Dresses Worn/Culture		
11.	Local Communities		
12.	Tourism Supported (YES/NO)		
13.	Relief Features		

Or

Prepare a documentary on the comparison of Urban Life and Rural Life.

ACTIVITY

i. Prepare a list of 10 Important Museums of our country in the following format:

S.NO.	NAME OF MUSEUM	LOCATION (City & State)	Famous For

- ii. Make a Collage on A3 Size sheet depicting Fundamental Rights of our country.
- iii. On an A4 size sheet, write 5 fundamental duties that you will always perform for the welfare of your country.

ASSIGNMENT

Q1. Based on your General knowledge, complete the following table:

S.NO.	NAME OF CABINET	NAME OF MINISTER (Present)	TERM For Example: (2020-25)
1.	Railways		
2.	Ministry of Textiles		
3.	Ministry of Education		
4.	Ministry of Home Affairs		
5.	Ministry of Defense		

22. Choose the correct option.		
i. Sunlight is an example of:a. Potential Resource b. Re	newable Resource	c. Localized Resource
ii. Taking care of Resources an	nd preserving for future	generation is called :
a. Resource Conservation	b. Recycling	c. Reusing
iii. Biotic resources are: a. Living	b. Non Living	c. Both of these
iv. Historical Resources are cla	ssified into type	S:
a. Three	b. Four	c. Two
v. The historical sources like je a. National Museums	ewellery, pots, coins fro b. national Archives	om ancient times are preserved in: c. None of these

b. 7 April 23, 2021

c. 10 April

vi.

a. 9 April

World Health Day is observed on:

vii.	World Nurse Day is o	bserved on:			
a.	10 May	b. 12 May	c. 15 May		
viii. a.	What is the name of Maitri	Research Center of Inc b. Kanyakumari	dia in Antarctica? c. Gangotri		
Q3. G	iive one word for the f	ollowing:			
i.	The resources which	cannot be renewed qu	uickly are called		
ii.					
iii.					
iv. She was the first lady to write her autobiography in India					
v. Salarjung Museum is situated in					
Q4. N	Natch the following:				
i.	Study of History		a. Dada Bhai Naoroji		
ii.	Process of Subjugation	on	b. Archeology		
iii.	Author of the book I	ndia and Poverty	c. 1857		
iv.	The first war by Indi	ans against Britishers	d. Manuscripts		
٧.	An example of Prima	ary source	e. Colonization		

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 th 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 1st December 2022 till 30th 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 otherproblems are affecting lives of people and community as a whole.



वशुधेव कुदुम्बकम् 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.

Singapore

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 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)

Bangladesh Egypt Mauritius Netherlands Nigeria Oman ○

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 Monitory 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 vear. 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. Describe sustainable development in your own words.
- ii. Make list of the ways through which you can adopt the concept of LiFE (Lifestyle for Environment), with its associated, environmentally sustainable and responsible choices, both at the level of individual lifestyles as well as at the governmental level.

Sustainable choices at individual level	Sustainable choices at governmental level
1. Use of steel bottles instead of plastic bottles.	1. Clean Ganga Mission
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.

iii. When was G20 created? Explain the motive behind the creation of it.

SUBJECT: SCIENCE

Revise Syllabus covered till May. Prepare yourself for Periodic Assessment-I

Activity:1

- Make your own guitar by using some rubber bands of varying thickness, record music formed.
- Make a 3D model of Tabla by using coconut shells, balloons (for membrane)

ACTIVITY:2

Write an Action story where examples of different types of forces must be mentioned.
 Underline the phrase in the story where examples of forces are mentioned.

PROJECT

Make a working model on any of the topics related to your Syllabus. (Group activity)

WORKSHEET

- 1. Tick the correct option:
 - i. Sunflower seeds provide us mainly with
 - a. Fats b. Carbohydrates c. Proteins d. Vitamins
 - ii. The method of scattering seeds in the field by hand is :
 - a. Hand picking b. Transplantation c. Broadcasting d. Levelling
 - iii. 1 kg-wt is equivalent to :
 - a. 9 N b. 9.8 N c. 8 N d. 8.8 N
 - iv. The part of ear which converts sound energy into electric impulses for brain is a.Outer ear b. Pinna c. Middle ear d. Inner ear
- 2. a) A force of 35 N acts over an area of 7 square meter. Calculate the pressure?
 - b) Define resultant force?
- 3. Why is it good to wash food grains before use?
- 4. Why are manures better than fertilizers?
- Pick the wrong word out of the following: Pesticide/ Horticide/ Herbicide/ Weedicide/ Insecticide
- 6. How does a human being produces sound? Explain.
- 7. Sita felt some irritation in her ears and put a needle into her ears to remove it. Can it be dangerous?
- 8. Difference between balanced and unbalanced force.
- 9. What are all the steps involved in farming. Explain
- 10. Diagrammatically explain human ear.

SUB: ART

- Make stained glass craft (page 89)
- Make a beautiful fabric painting on a handkerchief. (page 85)
- Make two beautiful book marks .
- Make a quilling peacock on a hard base and frame it.







For example:

SUB: COMPUTER Computer Visual based Homework

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

cyber safety https://cybercrime.gov.in/Webform/Crime OnlineSafetyTips.aspx cyber crime :- https://cybercrime.gov.in/Webform/Crime OnlineSafetyTips.aspx cyber crime :- https://cybercrime.gov.in/Webform/Crime OnlineSafetyTips.aspx

- Visit cyber Awareness websites and make notes on types of cyber frauds. (A4 Size sheet): https://cybercrime.gov.in/Webform/CyberAware.aspx
- Solve the worksheet in A4 size sheets (link given below), and file it in computer portfolio file.:https://playground.edusoft.co.in/worksheets-cyber-security-and-cyber-crime/ or scan the QR code and solve the worksheets given there.

https://playground.edusoft.co.in/worksheets-excel-cell-ref-and-auto-calculations/#1665580356227-c5ecbeb3-9ccd

or scan the QR code and solve the worksheets given there.

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

