



# ST. TERESA SCHOOL

INDIRAPURAM, GHAZIABAD

SESSION 2024-2025

## HOLIDAY HOMEWORK CLASS- 6

THEME: "STEM ( Science, Technology Engineering, Mathematics)"

**Schools off, Summers in, let the fun and excitement begin.**

Vacations are the most appropriate time for kids to refresh and rejuvenate themselves, to be creative, to learn new skills and perform more enthusiastically. This is the time when skills other than intellectual skill can be nurtured and developed.

Children have ample energy which should be channelized in the right direction to get the best out of them. Keeping this objective in mind, we have designed holiday homework to create a powerful learning experience and priorities, integrated learning, physical thinking and creative problem solving.

Dear Student,

Some tips to make this summer different-

- An ideal time to polish up some hobby that gets neglected during school days.
- Read lots and lots of books to cultivate the reading habit and develop your vocabulary.
- Go for walks and spend quality time with your grandparents and listen about their childhood from them.
- Read the newspaper daily.
- Eat healthy food and drink lots of water during summer
- Get up early in the morning and do yoga and exercise and feel the freshness.
- Revise all the work done in the class till date.

<b>ENGLISH</b>	<ol style="list-style-type: none"><li>1) Write a short paragraph on 'The Importance of the Internet in Science'.</li><li>2) Read a story of your choice then attempt the following questions based on your reading.<ol style="list-style-type: none"><li>a) Who is your favourite character and why?</li><li>b) Which part of the story do you like the most and why?</li><li>c) What values do you learn from the story?</li></ol></li><li>3. "Watching the news not only keeps us informed about global events but also sharpens our listening skills. By tuning in daily, create a comprehensive newsletter on an A3 size sheet.</li><li>4. Revise UT1 Syllabus.</li></ol>
<b>HINDI</b>	<ol style="list-style-type: none"><li>1) प्राचीन भारत का इतिहास तकनीकी रूप से काफी समृद्ध था। कुबेर का "पुष्पक विमान" आज का हवाई जहाज है। "पुष्पक विमान" के संबंध में पुस्तक या नेट से जानकारी एकत्र कर सचित्र परिबंधन परियोजना (प्रोजेक्ट फाइल) तैयार कीजिए।</li><li>2) प्रथम इकाई का पाठ्यक्रम याद कीजिए।</li></ol>

<b>MATHS</b>	<ul style="list-style-type: none"><li>• <b>Make a project on Geo board and demonstrate:-</b><ul style="list-style-type: none"><li>*Area and Perimeter (<b>Roll no. 1 to 15</b>)</li><li>*HCF - Factors and Multiples (<b>Roll no. 16 to 30</b>)</li><li>*Multiplication (<b>Roll no. 31 to 46</b>)<ul style="list-style-type: none"><li>• Learn tables - 1 to 20</li></ul></li></ul></li></ul> <p>Also do worksheet which is attached in the Google Classroom.</p>
--------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p><b>SCIENCE</b></p>	<p>Q1.Simple Machines: Explore the six types of simple machines (lever, pulley, wheel and axle, inclined plane, wedge, screw) by building models and demonstrating how they work. <b>(Roll No. 1-23)</b></p> <p>Q2.Did you know that there are about 10,000 different types of birds in the world? You don't have to go far to see some of them. Birds live outside in backyards and parks and can even be found in a busy city! Do you know what kinds of birds live in your neighborhood? Have you ever taken a close look at the birds you see in your backyard to identify them and observe their behavior? In this activity, you will build a bird feeder to attract birds, so you can study them.</p> <p><b>Design a bird feeder to study about birds. (Roll no 23-46)</b></p>
<p><b>SOCIAL SCIENCE</b></p>	<p><b>Topic- Technology in Ancient Period 'Civilization and Science are linked together'</b></p> <p>1. Harappan civilization is the oldest civilization which has been found with accurate geometrical calculation which indicates that the science and technology which we are using now existed during that time. Find out the various calculations used by them for construction and prepare a scrapbook with the help of pictures, diagrams and calculation. <b>(R No. 1-22)</b> (Hint: History ch 3 for reference)</p> <p>2.The traditional system of medicine is called Ayurveda. Find out some of the useful items from your kitchen which are beneficial in treatment of diseases. Prepare a report on it in a scrap book. <b>(R.no 23 onwards)</b></p> <p>Use your innovative ideas to make your presentation unique.</p>
<p><b>SANSKRIT</b></p>	<p><b>सुखार्थिनः कुतो विद्या विद्यार्थिनः कुतो सुखम्</b></p> <p>१. <b>स्वास्थ्यैव धनं</b> इससे सम्बन्धित पांच घरेलू दवाईयों के नाम संस्कृत भाषा में लिखिए एवं इनका प्रयोग किस रोग में लाभदायक है तथा इनको कैसे प्रयोग करना चाहिए।( सचित्र ए-४ साइज शीट पर बनाए)</p> <p>२. पठ् , पा , गम्, खाद् धातुनां लकार परिवर्तनम् संस्कृत उत्तर पुस्तिका के व्याकरण भाग में सुन्दर रंगो द्वारा लिखिए।(लट् , लङ्, लृट् )</p>
<p><b>FRENCH</b></p>	<p><b>Bonjour tout le monde!</b></p> <p><b>"It's different cultures that make the world go round at the end of the day"</b></p> <p>It is always important to learn about culture and language of different countries. Language and culture are big connections between people. They are like open books.You will not only learn yourself a lots of new things but also open your knowledge which will help you much when you travel.</p> <p>Hence to enhance your knowledge here is an interesting activity for you.</p> <p>Research information on a country of your choice.Write 10 lines on it in French.Paste the pictures related to the country like flag, currency, famous personality, cuisine, postal stamp etc.Do this activity on A4 size sheet.You can take help from Ch-5 "Coin artistique" page no 60 of your book.</p> <p>Bonnes vacances !</p>
<p><b>COMPUTER SCIENCE</b></p>	<p>The term Artificial Intelligence (AI) has become a buzzword in the field of Computer Science. Search more about AI with the help of Internet, Newspaper and Computer Magazines and draw attractive, colorful and creative play cards on A3 sheets according to your Roll no.</p> <p>*Robotics-( Roll no. <b>1-10</b>)</p> <p>*AI in 21st Century-( Roll no. <b>11-20</b>)</p> <p>*ChatGPT-( Roll no. <b>21-30</b>)</p> <p>*AI in everyday-( Roll no. <b>31-40</b>)</p> <p>*Future of AI-( Roll no. <b>41 onwards</b>)</p>