



IMPERIAL HERITAGE SCHOOL
SECTOR-102, GURUGRAM

Holiday
Homework



SESSION 2023-24

GRADE-V



The holiday season is a perfect time to reflect on blessings and take out ways to make life better for those around us".

Dear Parents,

Vacation is the time for the children to explore their countless interests and indulge in various activities that would lead to their all-round development. Summer Vacation is the most awaited time for both parents and kids as it gives them an opportunity to spend quality time together, without the pressure of timings and deadlines.

Holidays are time when you can connect with your child in many ways. As parents are the first and the most important teacher for a child, you can encourage your child to participate in many educational activities at home and promote his/her quest to learn. Working together will not only help your child to build, learn and develop his/her skills but also strengthen your bond with him/her.

The Summer Vacation Holiday Homework has been designed by the teachers for you all to achieve the motto of Fun and Learn. The activity based assignments will foster curiosity, develop creativity, enhance knowledge and instill the joy of learning among the children. It will certainly help them discover themselves as someone who is more enriched and confident and performs every action to perfection.

Here are a few tips for parents to act as a facilitator to help your child balance his/her eagerness in pursuing adventure, creativity and self-expression with development of responsibility.

- Teach her/ him the importance of moral value in their life.
- Motivate her/ him to read good books.
- Encourage and help your child in shouldering responsibilities in household chores. It will aid her/ him to be independent.
- Keeping in view harsh weather, indulge yourself in various indoor games with them.
- Encourage your child to wish 'Good Morning' and 'Good Night' to everybody.
- Encourage your child to speak simple sentences in English.
- Talk respectfully with your child and encourage her/ him to do the same.
- Motivate her/ him to use polite words such as 'Please', 'Thank You', 'Sorry', 'May I'.
- Revise the work done in class.

Instructions for students:

- All the written work has to be done in your best handwriting.
- Do not rush to complete all the homework in one go.
- Enjoy the activities. Take your time to finish them.
- Try to do all your assignments on your own, You can do it!
- Take help from parents only when absolutely necessary.
- Enjoy your holidays.

The theme for the Homework is *Space & Curiosity*.

All homework will be marked on the following parameters:

- Idea and content
- Presentation
- Innovativeness
- Creativity
- Ability to answer questions related to the homework

Enjoy the sunshine with your child and create memories.

Stay hydrated and stay safe!

Best Regards

Ms. Neelu Sharma
Principal



Theme: Space And Curiosity



*The planets in their galaxy, brightly dotted stars I see.
In a pattern one by one, revolving fast around the Sun.
While the Earth is spinning, I stay firmly on the ground.
Gravity keeps me in place, as I spin around in space.*

Earth is reeling under Global Warming and environmental activists around the world are doing everything in their capacity to get a check on this. There is a famous quote “*There is no Planet B.*” There is only one Earth, so humans must do everything they can to conserve Earth's environment now, i.e. by taking steps to mitigate climate change, etc.

But what if there was another planet that we could live on? What if we could go for holidays to other planets or visit some satellite? What if school was on Moon?

The outer space beyond Earth is dark and mysterious, it is the unknown, it is a place waiting to be explored in depth. So don on your space suit and spin into an adventure into space through the wonderful holiday homework around *Space and Curiosity*.

ENGLISH



ACTIVITY 1: BROCHURE MAKING

Read *Chapter 12- Dressing up for Space* from the Main Coursebook. It contains a lot of facts about spacesuits that are used by astronauts to survive in outer space. Make a brochure using this information, attracting people to travel to space for their holiday.

Instructions:

- The brochure should be of one A4 sheet (you have to use both sides).
- There should be minimum four illustrations in the brochure.
- The brochure should have an eye-catching title.

ACTIVITY 2: STORY WRITING

Relocate a Fairy Tale to an Alien Planet

Choose your favorite fairy tale and locate it among the stars. Rewrite the story as taking place on spaceships or an alien planet. It could happen on a space ship, or among the stars.

Instructions:

- Use three A4 sheet for this activity.
- The first page will be the cover page and should have an illustration along with the title and the authors name.
- Your story should have at least two illustrations.
- Write the story in maximum 700 words.

ACTIVITY 3: VOCABULARY BUILDING

Given below are different words related to Space. Look them up in the dictionary and understand and learn the meanings. Be ready for a short test on the same when you come back to school.

astronomer	celestial	gravity	lunar	orbit	satellite
astronomy	constellation	illuminate	atmosphere	planet	crescent
solar	axis	galaxy	eclipse	rotate	spherical
universe	waning	waxing	vacuum	observatory	Kuiper belt

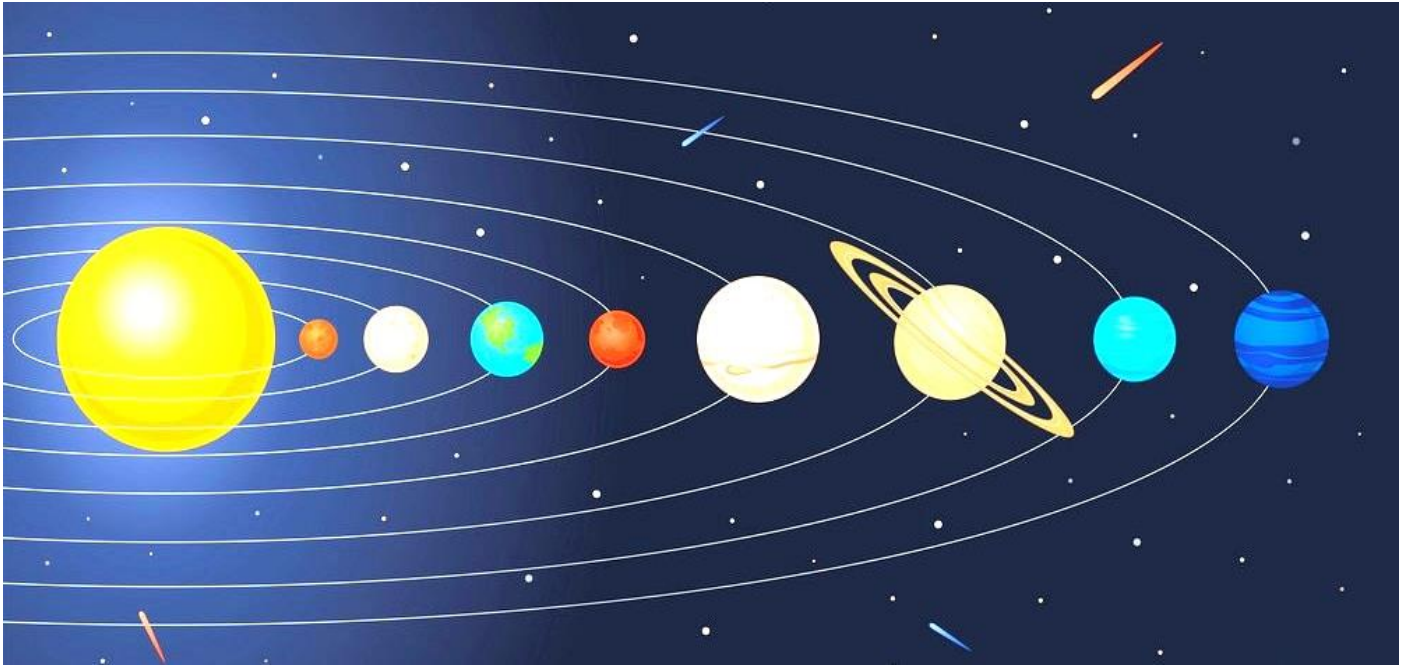
SUGGESTED READING LIST:

- Tales from Panchtantra
- Karadi Tales
- The Young Visitors- Daisy Ashford
- The wind in the Willows-Kenneth Graham
- The Tale of Mr. Tod- Beatrix Potter
- Gulliver's Travels- Jonathan Swift
- The Famous Five Series - Enid Blyton
- The Happy Prince – Oscar Wilde
- Charlie and the Chocolate Factory- RoaldDahl

ACTIVITY 4: Read and learn the poem Have You Earned Your Tomorrow from the Course book for Recitation in July. Prepare a prop for the same.

This will be a graded assessment and marks will contribute towards Term I Report Card.

HINDI



हमारे सौर मंडल में 8 ग्रह हैं, जिनके रंग इन ग्रहों पर उपस्थित तत्वों के कारण भिन्न-2 हैं। सौर मंडल में सूर्य और वह खगोलीय पिंड शामिल हैं जो इस मंडल में एक दूसरे से गुरुत्वाकर्षण बल द्वारा बंधे हैं।

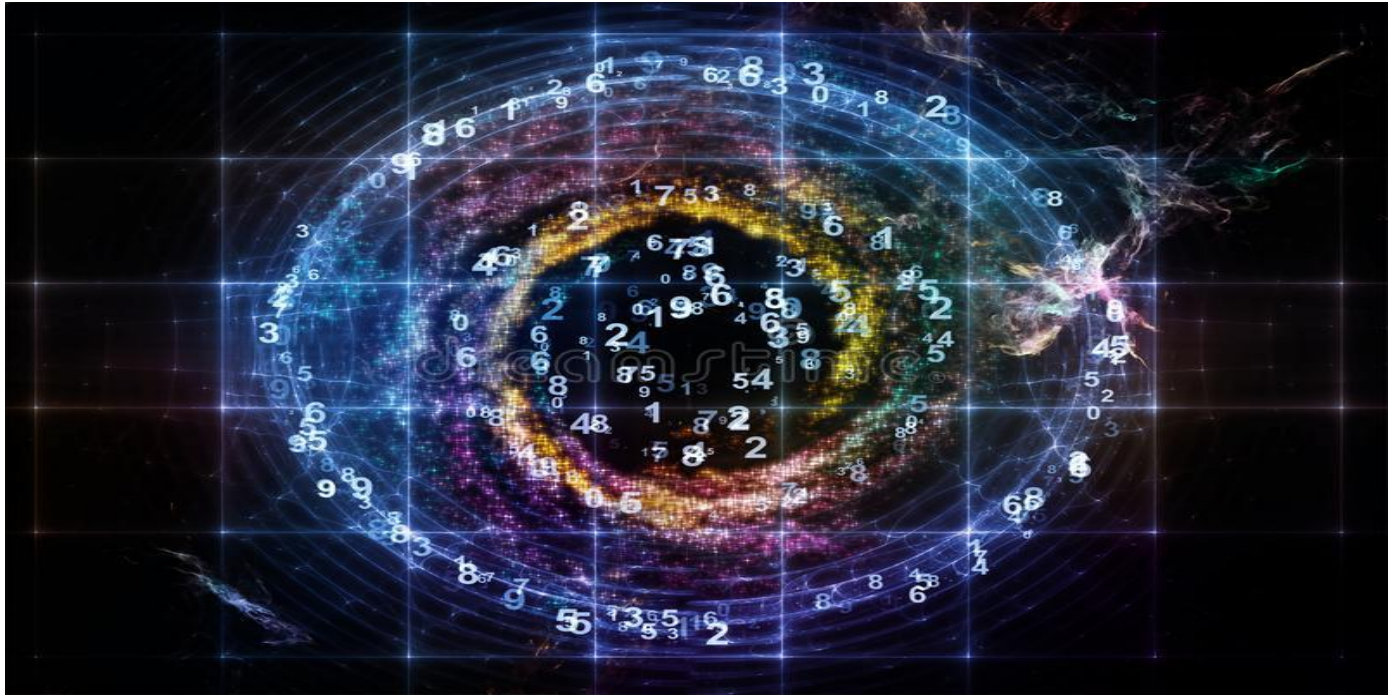
सौर परिवार में सूर्य, ग्रह, उपग्रह, उल्कापिंड, क्षुद्रग्रह (asteroids) और धूमकेतु आते हैं। सूर्य इसके केंद्र में स्थित एक तारा है, जो सौर परिवार के लिए उर्जा और प्रकाश का स्रोत है।

हमारे सूरज और उसके ग्रहीय मण्डल को मिलाकर हमारा सौर मंडल बनता है। इन पिंडों में आठ ग्रह हैं।

नोट – नीचे दिए गए ग्रीष्मावकाश कार्य को ध्यानपूर्वक पढ़कर पूरा करें।

1. सौर मंडल को दर्शाता हुआ एक खूबसूरत चित्र "A3 Size Sheet" पर बनाएँ और उनके नाम **हिंदी में** लिखें।
2. सौर मंडल के सभी ग्रहों से संबंधित सूचना एकत्रित करके "A4 Size Sheet" लिखिए और उसे एक शीर्षक भी दीजिए।
3. मंगल ग्रह का चित्र बनाकर "A4 Size Sheet" पर उसका सविस्तार वर्णन करें।

MATHEMATICS



Space has been an area of interest for humans from ancient times. Math is good in describing the universe because nature is rich in Math and patterns.

Let us explore it little bit.

ACTIVITY 1: INVESTIGATE

- Which is the closest star to Earth after Sun?
- What is its size? Write in words.
- What is its distance from Earth? Write in words.
(Use A4 Sheets to write)
- Write the distance from Earth in ascending order.
- Write the distance from Earth in descending order.

ACTIVITY 2: PROJECT

Exoplanet is a planet that orbits a star outside the solar system.

a) Find the names of 5 exoplanets. Arrange them in increasing order of their size. (use cardboard and plastic balls to make a 3D model.)

- Use cardboard of A3 size and make a base that looks like space.
- Use small and big plastic balls according to the size of planets.
- Color the balls according to the color of the planet.
- Arrange and paste the balls as per planets sequence in the space.

Make a **Space Rocket Ship** with different colorful geometrical shapes.

Take reference of the attached picture and use your creativity to make a spacecraft.



ACTIVITY 3: PRACTICE

Make a practice notebook and solve 25 sums daily.

SCIENCE

ACTIVITY 1: RESEARCH TASK

Imagine you and your classmates are astronauts on the space station right now. You can only use the resources available in space. Explain how would you adapt to the challenges and still keep doing important routines, like exercising, learning and making time for fun?



Write your experiences on white A4 size sheets. Assemble the sheets in a folder.

ACTIVITY 2: ACTIVITY

Draw a well labelled diagram of spacecraft on an A4 size sheet.

Task 3: Exploration-What is a space station?
List out the various space stations and their location in India.
Do it in science notebook.



SOCIAL STUDIES

ACTIVITY 1- MAKE A PLANET MASK!



Our solar system has eight very different and special **planets**.

Now, let us take an exciting trip to the *Wonderland of Heavenly Bodies* to explore and find out answers of few interesting questions-

- Which planet is farthest from the sun?
- Which one has the most moons?
- Which planet is called Earth's Twin?
- Which is the largest planet of our solar system?
- Which is the smallest planet of our solar system?

Express your findings through music and song by composing a rap. Also make a cool wearable planet mask of your choice to be worn during the release of your creative hit- "**Heavenly Bodies**".

OR

Find an unwanted CD or DVD and make your own jewel in the sky!



Saturn is almost everybody's favourite "alien" planet.

You can make a lovely model of Saturn and her rings. You can hang your model Saturn from the ceiling and watch it gracefully turn with the air currents; your Saturn will make a beautiful holiday decoration.

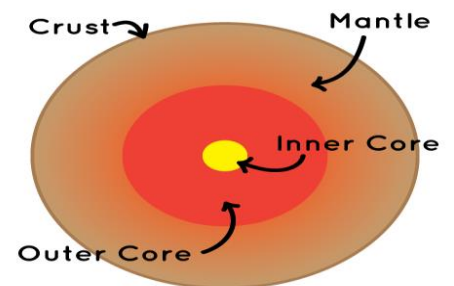
ACTIVITY 2- MAKE A FAN WITH EARTH'S LAYERS- SO MUCH BENEATH THE SURFACE

We spend pretty much all our time on **Earth's crust**. It's where all the land and oceans are. But below the crust, there's a lot going on. The **crust** is a lot like the skin on an apple.

Make a fan highlighting the colors of earth's layers.



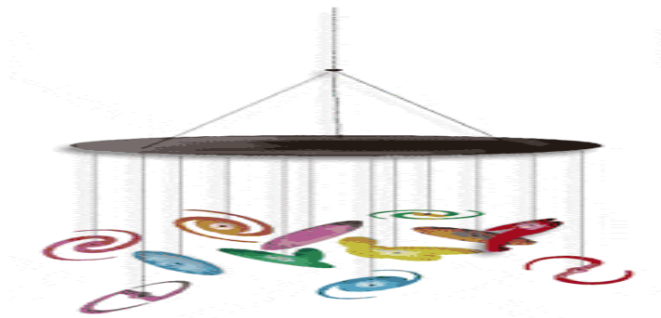
Earth's Layers



OR

A galaxy is a grouping of stars. All but a few stars in the universe live in galaxies. Our Sun is just one of at least 200 billion stars in our own Milky Way Galaxy.

Make your own collection of beautiful galaxies. Suspend them on a mobile so they turn and sparkle in the wind.



ACTIVITY 3- THE BIG DEAL ABOUT ASTEROIDS

Asteroids are chunks of rock that never quite made it to full-fledged planet-hood when our solar system formed. Most of them orbit the sun in a "belt" between Mars (the fourth planet) and Jupiter (the fifth planet). But some asteroids have orbits that cross or come close to Earth's orbit.



Make a Power Point Presentation on a 32-year-old scientist from Manipur, Dr Guneshwar Thangjam, who created history in the field of astronomy as an asteroid is named after him by International Astronomical Union.

OR

The successful launch of ISRO's Chandrayan-II

Make a Power Point Presentation on Hidam Rajeev, a Manipuri native who is responsible for the successful launch of ISRO's Chandrayan-II.

Instructions:

Rule 1: Include only 7 slides.

Rule 2: Make use of your heading, titles and subtitles.

Rule 3: Include only essential points.

Rule 4: Use graphics effectively.

Rule 5: Use pictures because they are worth a thousand words.

Note: - Please email the Power point presentation to dolly.sinha@imperialheritageschool.com

FRENCH

Make a poster on A3 sheet showing Solar System and write the planet's name in French.

Write 5 interesting facts about Solar System.

Learn and revise the French greetings from Lesson-1

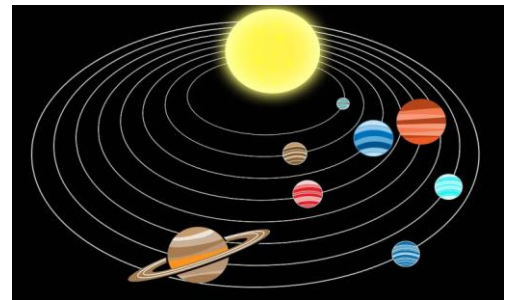
Make a pictorial dictionary of French greetings from lesson-1.



SANSKRIT

सौरमंडल में आने वाले ग्रहों के नाम संस्कृत में उनके चित्र सहित A4 साइज शीट पर लिखिए-

बालक अकारांत और पुस्तक नपुंसकलिंग शब्द रूप अपनी उत्तर पुस्तिका में लिखिए ।



ICT

Make a presentation on topic- Space and Curiosity (minimum 10 slides) using MS PowerPoint. Save the presentation in pdf file and upload it on Teams.