



D.A.V. Public School

Kailash Hills, New Delhi.

SUMMER VACATION HOME ASSIGNMENT

CLASS -VIII

SESSION: 2025-2026

Theme: ENVIRONMENTAL ISSUES



Summer Holiday

The smell of barbeque heating on the grill
Floats softly on the summer's breeze
The echo of splashing bounces up the walls of buildings
From children playing in the water
The familiar heat wraps everyone in a lazy haze
As we meander through our holiday celebrations

This summer break try and make a difference...

Appreciate Nature - Go for long walks in a park or garden with your family and friends. Adopt / Grow a plant .

Unravel the artist in you - Create a new story, try a new recipe with your mom, learn a new song, play a new instrument.

Good manners is the key - Respect your parents, grandparents and all elders. Use three magical words (Sorry, Please and Thank you) often. 'A little more courtesy goes a long way.'

Stay Fit, Stay Healthy - Play your favorite game / sport regularly. Develop in yourself the spirit of sportsmanship & sense of healthy competition.

Tête à Tête - Go for long walks/drives with your family and friends and learn from their experiences. They are a living story book.

Learn about our Heritage - Find some time to visit museums and monuments. Read about them. Learn new things related to your country.

Save Nature - Contribute to save our precious environment. Minimize the wastage of resources like water, fuel and electricity.

Must do:-

- ❖ **Eat healthy food and drink lots of water & juices.**
- ❖ **Read every day.**
- ❖ **Watch less of T.V.**
- ❖ **Revise the concepts taught.**

Have a great holiday kid and enjoy yourself to your heart's content.

Reading activity

Read books and make summertime a memorable and enjoyable one.

Some Suggested books for reading:

- ❖ **The world according to Humphrey by Betty Berney.**
- ❖ **The magic thief by Sarah Prineas.**
- ❖ **Poppy by Avi.**
- ❖ **Ghost Hunters by Cornelia Funke**
- ❖ **Diary of Wimpy kid by Jeff Kinney**
- ❖ **Stories by Ruskin Bond**
- **Make a list of books you read during the summer break.**
- **No matter how busy you are, find time for reading.**
- **Travel with your book.**
- **Seek help from parents.**
- **Learn new things and virtues from it.**



Read newspapers for crossword puzzles etc and build good reading habits that will last a lifetime. Write at least 20 news happenings (current affairs, sports news etc) on A4 sized sheets.

"Greetings, scholars! Let's dive into some exciting tasks to keep our minds sharp during the holiday break."

I. SEWA Activities :

"Sewa activities" typically refer to volunteer activities or acts of service performed within a community. Here are some examples of Sewa activities:

1. Help your mother in the kitchen.
2. Tutoring or mentoring younger students in need.
3. Visiting and spending time with elderly residents in nursing homes.
4. Participating in environmental conservation projects like tree planting or river cleanups.

Click pics of any of these activities and make a collage.

Summer vacations are eagerly awaited. These days can enrich our lives and give us plenty of memories. It is the best time for acquiring many new skills and learning good habits. This research work has been designed in a way that can enhance your learning ability. This Research work is aimed to make you a good Inquirer. By the end of the vacation we can expect you to bloom into a Knowledgeable, Caring and Reflective Inquirer!

Be a cooperative, independent and responsible child during your vacation.

II. International Yoga Day(21st June)

Let's Exercise: International Yoga Day is observed on June 21 every year to raise awareness worldwide of the many benefits of practicing yoga.

Activity:

- Practice simple yoga asanas (poses) with your parents. Take a picture of you doing the yoga pose and attach it with your holiday homework.
- Create a colourful A4 size poster promoting Yoga Day. Also, write a short paragraph on how you felt before and after doing Yoga.

III. School Enterprise Challenge:

The School Enterprise Challenge is an international educational programme for primary and secondary schools that want to cultivate essential business and 21st century skills in students, while strengthening teachers' instructional approaches in entrepreneurship education.

ACTIVITY:

Make a ' Recycled notebook' . Choose a creative and relevant name for your notebook business. Design a logo and brand of your notebook. Then decide the price of the notebook .It will be sold to the audience in the School Event. Click your picture with the notebook made by you and attach it with your holiday homework.

IV. INTERDISCIPLINARY PROJECT

THEME: ENVIRONMENTAL ISSUES



Environmental issues happen due to disturbances in the normal functioning of the ecosystem. The various issues include climate change, environmental pollution, environmental degradation, and resource depletion. These types of environmental-related issues can occur either due to human causes or can be natural.

They can vary in dimension from local, regional, to global levels. Environmental issues can be addressed by promoting green energy, recycling, conservation of water and electricity, and avoiding single-use plastic.

Objectives :-

The primary objectives of addressing environmental issues encompass safeguarding the environment for current and future generations, ensuring public health and safety, and promoting sustainable practices. These goals are often pursued through a variety of strategies, including conservation efforts, pollution control, and resource management.

Key objectives include:

1. **Environmental Protection:** Prevent and reduce pollution (air, water, soil) to protect ecosystems and human health.
2. **Sustainable Development:** Balance economic growth with environmental sustainability to meet present needs without compromising future generations.
3. **Conservation of Biodiversity:** Protect plant and animal species and their habitats to maintain ecological balance.
4. **Climate Change Mitigation:** Reduce greenhouse gas emissions and adapt to the impacts of climate change.
5. **Efficient Resource Use:** Promote responsible consumption and the efficient use of natural resources (energy, water, minerals).
6. **Environmental Awareness and Education:** Increase public knowledge and involvement in environmental protection.
7. **Legal and Policy Framework:** Strengthen laws, regulations, and international agreements that promote environmental conservation.
8. **Waste Management:** Promote recycling, reduce waste generation, and ensure safe disposal of waste materials.

General Instructions:

1. Do the subject specific homework separately as per directions.
2. Parents are requested to only guide their children while doing the assignment.
3. Originality of the work will be appreciated.

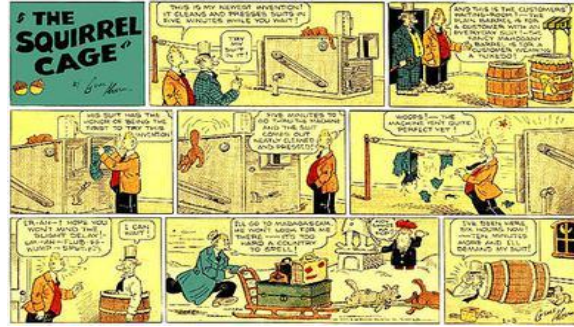
English

Comic Strip Creation

Activity- Create a comic strip (6–10 panels) on an **environmental issue** like pollution, deforestation, climate change, etc.

- Give a captivating and befitting (appropriate) **title** to your comic. For example, “The Day the Trees Walked Out”, “Captain Clean vs The Polluters”, etc.
- Design an eye-catching **cover page**.
- Combine **storytelling, art,** and environmental awareness.
- Write **Synopsis** of your comic in 50-60 words.
- Use **eco-friendly** materials.

Note- you can also present your activity in a ‘comic book’ format.



Hindi

अवकाश कार्य

विषय - ‘पर्यावरण पर मंडराते खतरे (ग्लोबल वार्मिंग, अति वृष्टि, ओला वृष्टि, सर्दी और गर्मी की अधिकता आदि)

विवरण –

इस विषय के अंतर्गत विद्यार्थियों को पर्यावरण के प्रति जागरूक बनाना और उसके संरक्षण हेतु विभिन्न गतिविधियाँ ----

पोस्टर निर्माण, स्लोगन – लेखन .

स्वरचित कविता, कहानी – लेखन

नाटक लेखन, संवाद – लेखन

परियोजना फाइल (चित्र सहित)

इस विषय को अपने पाठ्यक्रम की कविता ‘दोपहरी’ से जोड़ते हुए गर्मी की अधिकता के कारणों पर एक रिपोर्ट चित्र सहित तैयार कीजिए .

अभ्यास सागर के पठित पाठों का अभ्यास कार्य पूरा कीजिए .

पठित पाठ्यक्रम का मौखिक और लिखित अभ्यास कीजिए.

प्रति दिन समाचार – पत्र पढ़ें .

स्वस्थ रहें, पौष्टिक खाएं और जीवन क्र प्रति सकारात्मक रहिए.

अपने गुरुजनों और माता – पिता का सम्मान कीजिए

Science



CONSERVATION OF PLANTS AND ANIMALS

Make a project file with creative presentation on Environmental issues related to the conservation of plants and animals .Cover the following topics and Mention their causes and impact

- 1. Habitat Loss and Fragmentation**
- 2. Climate Change**
- 3. Pollution**
- 4. Invasive Species**
- 5. Overexploitation**
- 6. Loss of Biodiversity**
- 7. Illegal Wildlife Trade**
- 8. Lack of Conservation Awareness and Policy Enforcement**

**NOTE: Your project will be assessed by
Content accuracy and Originality - 3
Presentation and Creativity-2**

Activity work:

1 Conservation Collage

**Make a large collage using magazine clippings or natural items.
Include both plant and animal elements with messages on conservation.**

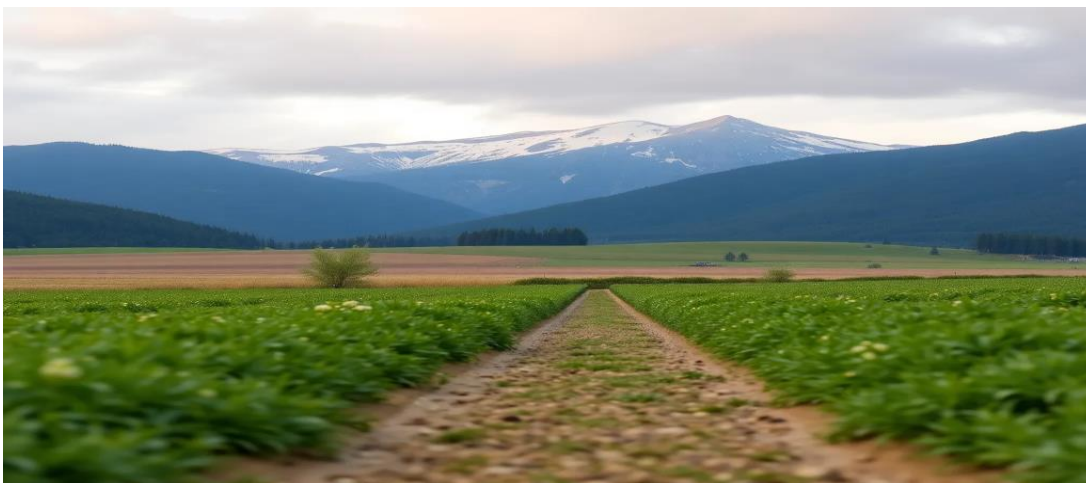
2 Poster Campaign Create hand-drawn or painted posters advocating for conservation. Use slogans like “Protect Our Pollinators” or “Grow Trees, Save Lives.”

3. □ Recycled Plant Pot Decor

- **Materials:** Used plastic bottles or tin cans, paint, soil, seeds.
- **Activity:** Turn old containers into plant pots. Decorate with eco-friendly messages like “Grow Green” or “Save Nature”. Plant herbs or small flowers.

Maths

"Our Planet, Our Responsibility"



As part of your holiday homework, you will explore the topic. This project will not only help you practice data collection, graphing, and analysis but also give you a deeper understanding of environmental issues and the importance of global climate monitoring. Students will be divided into Roll Number wise.

Roll no. 1 to 10 - (a) part

Roll no. 11 to 20 - (b) part

Roll no. 21 to 30 - (c) part

Roll no. 31 onwards- (d) part

(a) "The Environmental Impact of Household Waste"

Waste produced at home is a growing environmental issue that affects ecosystems, public health, and the planet's climate. Every day, households generate large amounts of garbage, including food scraps, plastic packaging, paper, and electronic waste. When not managed properly, this waste contributes to pollution, overfilled landfills, and the release of harmful greenhouse gases.

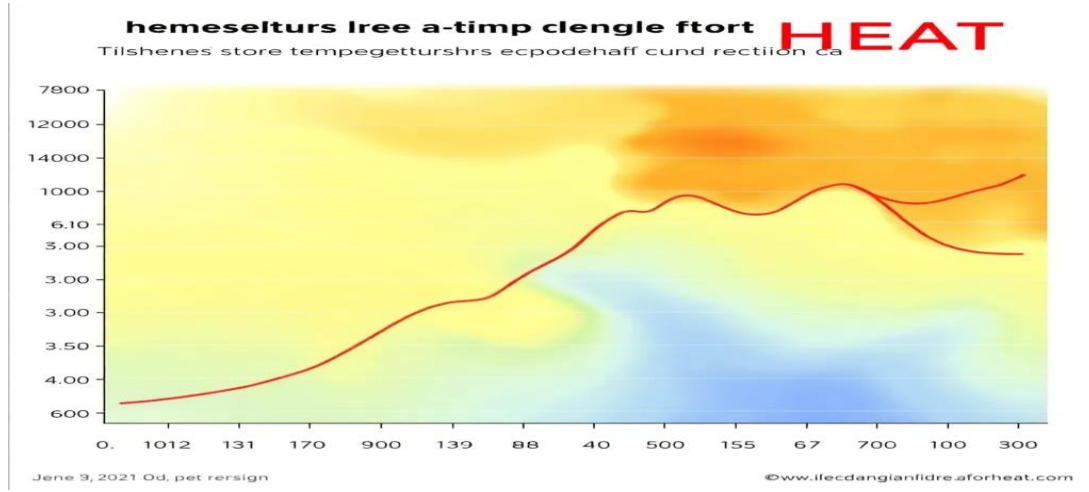


Record the amount of waste (in kilograms or number of dustbins filled) generated each day for a week. Separate the waste into categories like: Organic waste (food, leaves), Plastic, Paper, Others.

Create a bar graph to show how much of each type of waste is produced.

(b) **"Tracking the Heat: How Temperatures Have Changed Over Time"**

Over the past century, Earth's climate has undergone significant changes, with rising global temperatures becoming one of the most urgent signs of environmental disruption.



"Create a bar graph comparing the global average temperatures for each year (2000, 2010, 2020, 2030,...2100).

How do the fluctuations in temperature over time reflect the impact of human activities, such as industrialization and deforestation, on global climate patterns?"

(c) **"Deforestation Frontlines: Nation's Leading in Forest Loss"**

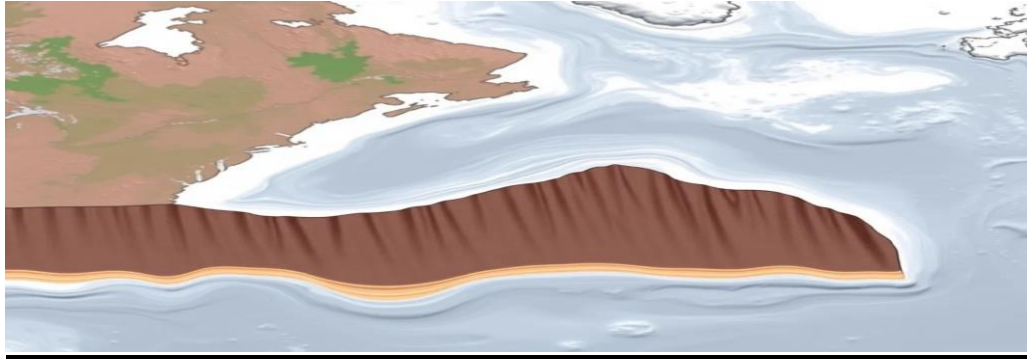
Deforestation is the large-scale removal of forests, often to make way for agriculture, urban development, or logging. This environmental issue has serious consequences, including loss of biodiversity, disruption of ecosystems, and increased carbon emissions that contribute to climate change.



Construct a bar graph showing the highest rates of deforestation in the top five countries (Brazil, Indonesia, Democratic Republic of Congo, Peru, India) over the past 10 years. How does the graph highlight the impact of deforestation on biodiversity and climate?

(d) **"Impact of Climate Pathways on Sea-Level Projections"**

Sea-level projections help us understand how rising global temperatures are causing ocean levels to increase due to melting glaciers and thermal expansion.



Scientists have projected the potential sea-level rise (in meters) by the year 2100 under two different greenhouse gas emission scenarios:

Scenario 1 (lower emissions): 0.5 meters, and Scenario 2 (higher emissions): 1.0 meter.

Use a bar graph to compare the projected sea-level rise under these two different scenarios for the end of the century?

**Social
Sc.**

1. Eco-Art Installations

- **Objective:** Create small art pieces using recycled or natural materials to highlight environmental concerns.
- **Activity:**
 - Students collect recyclable materials to construct sculptures or installations. Themes can include pollution, deforestation, or climate change.

Sharing Pictures for Reference:





2. Brochure Making:

Develop informative materials such as brochures to raise awareness about a specific environmental issue affecting your community.

Sanskrit

Interdisciplinary Activity- पर्यावरण समस्या:

पर्यावरणम् अस्माकं जीवनस्य आधारः अस्ति। यत्र वृक्षाः, नद्यः, वायुः, जलं, पशवः, पक्षिणः च सन्ति, तत्र जीवनं सम्भवति। इदानीं मनुष्यः स्वार्थेन प्रकृतेः नाशं कुर्वन्ति। वनानां कर्तनम्, अपशिष्ट उपयोगः, धूमनिर्गमनं च वायुजलं प्रदूषणस्य कारणम् अस्ति। एतेषां दोषाणां प्रभावः जनानां स्वास्थ्यं, कृषिः, जलवायु परिवर्तनं च अभवत्। अतः अस्माभिः वृक्षाः रोपणीयाः अपशिष्टस्य परिहारः, स्वच्छता च स्थापयितव्या। यदि वयं प्रकृतेः रक्षणं कुर्मः तर्हि सा अस्मान् अपि रक्षति।

प्रश्नोत्तरी (Quiz): (सही विकल्प पर ✓लगाइए)

1. पर्यावरणं किम् अस्ति?

- ☐ केवल वृक्षाः
- ☐ केवल जलम्
- ☐ जीवनस्य आधारः

2. वृक्षारोपणस्य लाभः कः?

- ☐ जलदूषणम्

	<div data-bbox="261 142 474 258"> <input type="checkbox"/> ध्वनिप्रदूषणम् <input type="checkbox"/> वायोः शुद्धिः </div> <div data-bbox="237 321 618 363"> 3. जलदूषणस्य कारणं किम्? </div> <div data-bbox="261 380 474 558"> <input type="checkbox"/> पुष्पवर्षा <input type="checkbox"/> नदीप्रक्षालनम् <input type="checkbox"/> प्लास्टिक </div> <div data-bbox="237 579 362 621"> प्रश्नोत्तर - </div> <div data-bbox="285 659 1192 842"> <ol style="list-style-type: none"> वयं किं कृत्वा वायोः शुद्धिं कर्तुं शक्नुमः? जलदूषणं कस्य-कस्य जीवस्य हानिकारकं अस्ति? यदि भवान् मंत्रिणः भवेत्, तर्हि किं कार्यं करिष्यसि पर्यावरणरक्षणाय? ग्राम्ये जीवनम् पर्यावरणेन कथं सम्बद्धम् अस्ति? </div> <div data-bbox="237 879 469 921"> रचनात्मक कार्य- </div> <div data-bbox="331 959 1422 1054"> <p>पर्यावरणस्य दूषणम् कारणम् अथवा समाधानम् इति विषये आधारे चित्र रचना/प्रतिकृति (मॉडल) निर्माणम् कुर्वन्तु।</p> </div>
Vedpath	<div data-bbox="237 1150 1076 1192"> <u>Interdisciplinary Activity- अन्तर्राष्ट्रीय ग्लेशियर संरक्षण वर्ष</u> </div> <div data-bbox="237 1226 1521 1499"> <p>ग्लेशियर बर्फ के विशाल भंडार होते हैं, जो पहाड़ों में सालों तक जमे रहते हैं और धीरे-धीरे चलते हैं। ये पृथ्वी के मीठे पानी का बहुत बड़ा स्रोत हैं। भारत में भी हिमालय के अनेक ग्लेशियर हैं जो नदियों को जन्म देते हैं। लेकिन आज बढ़ते प्रदूषण और ग्लोबल वार्मिंग की वजह से ये ग्लेशियर बहुत तेजी से पिघल रहे हैं। इससे बाढ़, जल संकट, और मौसम में असंतुलन जैसे खतरे बढ़ रहे हैं। ग्लेशियरों का संरक्षण करना सिर्फ वैज्ञानिकों या सरकार की जिम्मेदारी नहीं है, बल्कि यह हम सभी की नैतिक जिम्मेदारी है। हमें यह समझना होगा कि पर्यावरण की रक्षा करना, भविष्य की रक्षा करना है।</p> </div> <div data-bbox="237 1512 855 1554"> प्रश्नोत्तरी (Quiz): (सही विकल्प पर ✓ लगाइए) </div> <div data-bbox="285 1606 1437 1948"> <ol style="list-style-type: none"> ग्लेशियर किस प्रकार के जल स्रोत हैं? <div data-bbox="336 1669 1437 1711"> <input type="checkbox"/> खारा जल <input type="checkbox"/> समुद्री जल <input type="checkbox"/> मीठा जल <input type="checkbox"/> वर्षा जल </div> भारत में सबसे बड़ा ग्लेशियर कौन-सा है? <div data-bbox="336 1785 1317 1827"> <input type="checkbox"/> गंगोत्री <input type="checkbox"/> सियाचिन <input type="checkbox"/> यमुनोत्री <input type="checkbox"/> ब्रह्मपुत्र </div> ग्लेशियरों के पिघलने का मुख्य कारण क्या है? <div data-bbox="336 1900 1279 1948"> <input type="checkbox"/> पेड़ लगाना <input type="checkbox"/> ग्लोबल वार्मिंग <input type="checkbox"/> साफ-सफाई <input type="checkbox"/> वर्षा </div> </div>

	<p>प्रश्नोत्तर -</p> <ol style="list-style-type: none"> 1. ग्लेशियर क्या हैं और वे क्यों महत्वपूर्ण हैं? 2. ग्लेशियरों के पिघलने से कौन-कौन सी समस्याएँ होती हैं? 3. हम ग्लेशियरों को बचाने के लिए क्या कर सकते हैं? कोई 3 उपाय लिखिए। <p>रचनात्मक कार्य-</p> <p>ग्लेशियर का एक सुंदर चित्र या मॉडल बनायें।</p>
Art	<p>1) Make a tribal face mask or Any Indian dance face mask using colourful papers . Material - A3 sheet , Colourful papers , Fevicol, Round tip scissors .</p> <p>2) Make a Portrait of Swami Dayanand Saraswati Material - A3 size sheet , Pencils for shading</p> <p>3) Complete all your art file work done till now in the class from page no 1 to 15 (Do it in your art file only. Not in your book)</p>
Library	<p>This summer holiday, take the opportunity to dive into the world of books and make the most of your free time. Reading not only entertains but also helps you explore new ideas, learn valuable life lessons, and develop your personality and imagination.</p> <p>To help you get started, I have selected “5 suggested novels” especially suited for Class VIII . These books are sure to spark your curiosity and enhance your reading habits.</p> <p>Enjoy your reading journey and make this summer a season of adventure and discovery—one page at a time!</p> <p>You can find these books at:</p> <ol style="list-style-type: none"> 1. Your nearby Delhi Public Library. 2. By searching in your web browser for these suggested novels just like: <ul style="list-style-type: none"> Ø Free Public Domain & Classic Novels <ul style="list-style-type: none"> ● Project Gutenberg ● LibriVox ● Internet Archive Ø User-Generated Fiction Platforms <ul style="list-style-type: none"> ● Wattpad

- **BookBub**
- Ø **Library and Subscription Services**
 - **Amazon Prime Reading**
 - **Kindle Freebies & Deals**
- Ø **Audiobook Resources**
 - **BBC Sounds App**
 - **LibriVox**
- Ø **Apps for Mobile Reading**
 - **Wattpad**
 - **LibriVox**

Kindle AppTake this time to discover yourself through stories and develop your reading profile.

Happy Reading!

– Library Department

Class 8 – Social Fiction, Realistic Fiction and Fantasy

- 1. The Boy in the Striped Pajamas – John Wonder – R.J. Palacio Boyne**
 - **Explores themes like family, friendship, and innocence, making it a powerful, albeit fictionalized, entry point into understanding this complex period.**
- 2. To Kill a Mockingbird – Harper Lee (adapted version)**
 - **Explores profound themes of racial injustice, prejudice, and moral growth through the eyes of a young girl named Scout.**
- 3. Anne Frank: The Diary of a Young Girl (Young Readers Edition)**
 - **Real historical context with a teenage voice – builds emotional maturity.**
- 4. Malgudi Days – R.K. Narayan**
 - **Read for its relatable portrayal of everyday life in a small Indian town, it's simple yet insightful storytelling, and its exploration of timeless human emotions and social dynamics.**
- 5. Charlie and the Chocolate Factory by Roald Dahl**
 - **A magical, humorous adventure that sparks creativity.**

III. Links for Homework Worksheets:-

SST

https://drive.google.com/file/d/1MO6ckMIMwC0BpK_91AeUic_y1J_GMRXr/view?usp=sharing

Science

<https://drive.google.com/file/d/1MMShk8yTBBrSmhyZqCHYURsczxqbc6-V/view?usp=sharing>

Maths

https://drive.google.com/file/d/1MJNePSWPbF9Suk480_00YK-wYezFyY_9/view?usp=sharing

English

https://drive.google.com/file/d/1MfMOvFTvXU_4FSkrUV5ok-bnQCs_STvl/view?usp=sharing

Hindi

<https://drive.google.com/file/d/1JeNLnqYGfj5fNr56qutDtijzQrnbSfAm/view?usp=sharing>

Computer

<https://drive.google.com/file/d/1MskytIHTlwzH4QbvY4gckvXn32vjCsMe/view?usp=sharing>

HAPPY HOLIDAYS !!!!