



DLF Public School

The Learning Academy
(Managed by - Darbari Lal Foundation)

CLASS XI



ACTIVE LEARNING PLAN FOR SUMMER VACATION

Summer is a time for freedom, adventure, and growth. It's the season where the Sun Shines Bright, and SO CAN YOU."

As the warm days of summer stretch out before us, it's the perfect time for you to embark on new adventures and make the most of every moment. This summer blends the joy of relaxation with the thrill of learning, creating a summer filled with substance and creativity.

You are green 🌲 champions 🏆!

We are sure you are already aware of our effort to make our surrounding plastic-free. Our aim 🎯 is to collect one tonne of plastic waste ♻️ that can be recycled and not end up polluting 😞 our water 🌊 bodies and environment 🌳. We truly appreciate 😊 all your contribution. Thanks to you, we are halfway there. We have another 500Kg to go 🏃♀️.

However, the summer break 😎 should not hamper our efforts to save our planet. The plastic bank 🏦 will be put at the Gate 🚪 number 2 during the summer break. Delfite students 👩👦 and parents 👨👩 are welcome to deposit plastic waste there so that our endeavour to revive our planet 🌍 doesn't take a break while we enjoy ours.

A Season for Growth

Summer holidays are a much-anticipated break for students, offering a chance to relax, explore new interests, and create lasting memories. It's time to embrace the warmth, freedom, and excitement that summer brings.

Welcome to your **Summer Active Learning Plan**! As we embark on this journey together, we are excited to offer you a summer filled with exploration, discovery, and fun learning experiences. Our goal with this plan is to keep your mind engaged and active while you enjoy your well-deserved break from school. Summer is not just a time for relaxation; it's also an opportunity for growth and enrichment. We have carefully crafted a variety of activities to stimulate your curiosity, ignite your imagination, and encourage you to continue your learning journey beyond the classroom.

This **Summer Active Learning Plan** is designed to be flexible and adaptable to your interests and schedule. Whether you are passionate about reading, fascinated by science, love to be creative, or enjoy outdoor adventures, there is something here for everyone.

We encourage you to dive into each activity with enthusiasm and an open mind. Embrace the joy of discovery, challenge yourself to try new things, and don't be afraid to make mistakes along the way.

Remember, learning is a lifelong adventure, and every experience is an opportunity to grow. We are here to support you at every step of the way. Feel free to reach out if you have any questions or need assistance with any of the activities. We can't wait to see all the amazing things you will accomplish this summer!

Have a rejuvenating 😊 holidays

Let's Embark on a Journey of Discovery and Change!

"A child who reads will be an adult who thinks."

Activity -1 Leisure Reading

As we navigate through our busy schedules, it's important to carve out some time for leisure activities that can refresh our minds and broaden our horizons. One of the most delightful and enriching pastimes is leisure reading. Whether you're a fan of gripping mysteries, heartwarming romances, thrilling sci-fi, or profound non-fiction, there's a world of stories waiting to be discovered.

Leisure reading isn't just a way to pass the time; it's an opportunity to explore new perspectives, ignite your imagination, and even improve your cognitive skills. It's about finding joy in the journey of words and the experiences they unfold.

To help you get started, here are a few recommendations to suit various tastes aligned with some of the themes of your course book.

XI Must-Reads

1. The Boy in the Striped Pajama - John Boyne
2. The Book Thief- Markus Zusak
3. The Boy Who Harnessed the Wind-Bryan Mealer and William Kamkwamba
4. Family Wisdom by Robin Sharma
5. The Invisible String by Patrice Karst
6. The Book You Wish Your Parents Had Read by Philippa Perry

Here's a little challenge to help you become an avid reader: 15 minutes of reading a day for 30 days is the perfect recipe to make reading a habit.

Just a quarter of an hour each day can set you on a path to a lifelong love of reading.

Activity-2 Leisure Writing

Bri Books Summer Writing Camp: Unleash Your Creativity!

Writing for pleasure can be a wonderful way to express your thoughts, explore your creativity, and share your unique stories with the world. Whether you enjoy crafting short stories, journaling about your summer adventures, creating poems, or even starting a blog, writing can be an incredibly fulfilling hobby. Summer is a fantastic time to relax and enjoy new experiences, and it's also the perfect opportunity to dive into a fun and rewarding activity: leisure writing.

Task-2- Bri Books Summer Writing Camp

Participate in the Summer Book Writing Festival organized by BriBooks and Education World, in partnership with Disney and NDTV.

Log in to

<https://www.camp.bribooks.com/india/2024/student/363>

The summer camp is designed to nurture the budding authors in our midst. Through engaging activities, creative prompts, and personalized feedback, we aim to make writing a fun and rewarding experience. Whether you enjoy crafting thrilling adventures, heartwarming tales, or insightful reflections, here's a place for everyone to shine.

During the festival, you will have the opportunity to learn about various aspects of writing, publishing, promoting, and selling books from some of the best educators, authors, and storytellers.

Exciting Opportunities and Awards:

You also have the chance to win several awards and recognition:

- Published Author Certificate for all published authors.
- ISBN issued by the Ministry of Education.
- MacBook Air for the National Best-Selling Author & Jury's Best Author.
- Amazon Kindle for the top 10 National Best-Selling Authors & Jury's Best Authors.
- Author feature on Disney International & NDTV.

For technical queries, call 1800 309 9917 or email support@bribooks.com.

Activity 3: Project Based Learning

Bringing Ideas to Life

Let's through PBL bring our ideas to life. This hands-on-project ignites your curiosity and will help in finding solution to Real-Life-World –Problems. Collaborate with your peers as Teams, brainstorm innovative solutions and transform concepts into possible outcomes. Let there be interception of Ideas and Action.

Class: XI C, D, E & F	Supervising Teachers: Ms. Susmita Das, Ms. Purnima Negi, Ms. Arti Suri, Mr Aishwarye Meet, Ms Monika Varma, Dr. Shanu Das, Dr Shweta Tomar, Ms Swati	Time Frame: 3 MONTHS
PROJECT OVERVIEW		
Describe the Challenge being addressed	Though industrialization and urbanization have been a boon to mankind, it has also led to rise of unforeseen challenges to health and wellbeing of humankind and nature. This project aims to contribute to addressing the following challenges through collaboration and teamwork. <ul style="list-style-type: none">• Reduce, Reuse, Repurpose and Recycle plastic waste.• Create teaching aids for science or aesthetically appealing artifacts for enterprise clubs using waste plastic.• Spread awareness for using ecofriendly alternatives to plastic.	
Driving Big Question	How can Delfites adopt rational practices to reduce, reuse and recycle plastic waste for a sustainable future?	
Project Title	Sustainability: Of the plastic; For the plastic; By the plastic	
Product	Teaching Aids of STEM and artifacts made from waste plastic	
Expected Learning Outcomes	Learners will be able to:	
	Students will be able to: <ol style="list-style-type: none">1. Research on the science of plastic with their daily and industrial applications.	

	<ol style="list-style-type: none"> 2. Carry out statistical analysis of the data collected through survey in the form of infographics of the plastic waste generated by various sources at home by conducting a survey. 3. Ensure that collection and segregation of plastic waste takes place in all the classes allotted to them and it reaches the plastic bank. 4. Trace the journey of plastic waste from our homes and schools to landfills. 5. Create a collage tagging the single-use plastic objects in the school, home and other frequently visited places, that can be replaced by some other ecofriendly alternative. 6. Sensitize their peers through an awareness program to reduce, reuse and recycle single-use plastic waste in daily-life. (Interclass competition_English Month_Panel Discussion) 7. Remodeling plastic waste into productive teaching aids and entrepreneurial artifacts.
Competencies	Analytical and Critical thinking, Collaboration, Presentation and Communication skills, Problem Solving, Research and Data analysis, Digital Citizenship, Creativity.

Each section will be divided into groups of 5-6 students. Each class will be assigned two classes for the accomplishment of the various milestones.

Section XI-C: IV & V

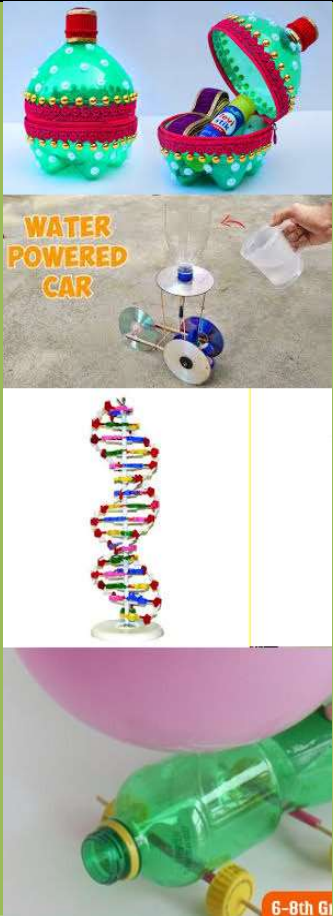
Section XI-D: VI & VII

Section XI-E: VIII & IX

Section XI-F: X & XI

Use the section given below to redesign School Ecology. Think of this as the broad outline of the project, with the milestones representing the significant ‘moments’ or ‘stages’ within the Project. As you develop these, consider how teamwork and collaboration skills are unfolding and what learning will take place.

	Milestone 1	Milestone 2	Milestone 3
	RESEARCH	STATISTICS	DESIGN AND PRESENTATION
Event	<ul style="list-style-type: none"> Study the <u>chemistry</u> of plastic and its types. Explore the <u>biological impact</u> of plastic as it enters the ecosystem. Create a <u>flowchart</u> depicting the journey of plastic waste generated from our homes and schools to the landfills. Collect photographs of each stage involved. Enlist the SDGs targeted by the project. 	<ul style="list-style-type: none"> The class will be divided into groups of 4-5 students. The groups will prepare a <u>questionnaire</u> regarding the sources and amount of plastic waste generated in our homes. Each group will conduct a survey based on the questionnaire prepared above by visiting at least 5 houses. They shall also make a short video presentation (4-5 min) of the same, recording the responses of the public. Interpret & represent the data obtained from the questionnaire of the survey via infographics (bar graph, pie-chart, etc.) Each group will create a digital <u>collage</u> tagging the single-use plastic objects in the school (assigned classes given above), home, shopping complexes, malls, eateries etc., that can be replaced by some other ecofriendly alternative. 	<ul style="list-style-type: none"> Each group will sensitize their peers through a <u>panel discussion</u> to reduce, reuse and recycle single-use plastic waste in daily-life. An intraclass and interclass competition (<u>English Month</u>) will be conducted wherein students will engage in discussion with probable solutions. Each group will present a <u>teaching aid</u> and an <u>entrepreneurial artifact</u> using the plastic waste collected at home. <div data-bbox="1068 1117 1396 1352" data-label="Chemical-Block"> </div> <div data-bbox="1068 1352 1318 1675" data-label="Image"> </div>

			
Key Student Question	<ul style="list-style-type: none"> • Why according to you is plastic a hazardous waste? • How can the various SDG goals be met during the project? • Which chemicals are involved in the synthesis of plastic of different types and grades? • How does plastic impact the biodiversity 	<ul style="list-style-type: none"> • What are the sources of plastic waste from our homes? • According to your survey which type of plastic waste was generated in larger amount? • What are the common barriers to implementing diverse plastic waste management? • How can we reduce the use of plastic at our DLF campus? 	<ul style="list-style-type: none"> • How can we make the young generation aware and responsible to tackle plastic waste? • How can plastic waste be converted into educationally useful and entrepreneurially productive?

	<p>when discarded untreated?</p> <ul style="list-style-type: none"> • Have you ever faced water logging problem near you due to plastic waste? How was this problem resolved? • What are the current legislative and executive orders on single use plastic waste management, issued by state govt, supreme court, UN or other international forum/treaty? 		
Assessment	PowerPoint presentation	Infographic/Poster/video/meme/collage	Panel discussion (English month); Teaching aid/artifact
Tentative Time	4 weeks	4 weeks	4 weeks

Future scope:

Innovating scientific techniques for an ecofriendly and sustainable world.

Reducing the production of waste and recreating useful products.

Be an entrepreneur of 'Best out of Waste'.