

# THE ADITYA BIRLA PUBLIC SCHOOL BHUBANESWAR



ADITYA BIRLA GROUP



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*"I have to study myself in actuality – as I am, not as I wish to be." – J. Krishnamurti*

**THE ADITYA BIRLA PUBLIC SCHOOL BHUBANESWAR**  
**SUMMER HOLIDAY HOMEWORK**  
**SESSION: 2023 - 24**  
**CLASS: VII**

**SUBJECT: ENGLISH**

<b>Written Work</b>	Assume you recently relocated from Odisha to Punjab. It has become quite tough for you to acclimatise to a new environment. You are attempting to cope, but your attempts are proving useless. One day, you recall the narrative 'A story of Courage' by Jaz Parmer, in which the protagonist encountered a number of problems that took courage and determination to conquer. You notice a likeness to the protagonist and are inspired to continue. In 200 words, write a letter to your friend who lives in Odisha explaining how you handled the situation. (Write in your English Literature/Homework Notebook).
<b>Activity</b>	Take a virtual tour of the Golden Temple: <a href="https://www.youtube.com/watch?v=pxoRw8bOJtc">https://www.youtube.com/watch?v=pxoRw8bOJtc</a> Find at least five similarities and dissimilarities of any other pilgrimage destination that you visited in Odisha. (Write in your English Literature/Homework Notebook).
<b>Model /Project</b>	Make a PPT on popular food items of Punjab and Odisha. (Not More than 10 slides) and forward it to your English DPP group.

**SUBJECT: HINDI**

<b>Written Work</b>	आपका सबसे प्रिय मित्र कौन है? उसके विषय में अपने गृहकार्य अभ्यास पुस्तिका में प्रश्नोत्तरी तैयार कीजिए - ◦ वह कहाँ रहता है? ◦ आपकी उससे दोस्ती कैसे हुई? ◦ उसके माता-पिता क्या करते हैं ?◦ कक्षा में अन्य छात्रों के साथ उसका व्यवहार कैसा है?
<b>Activity</b>	देश के विविध क्षेत्रों में प्रथम व्यक्तियों की सूची बनाइए (प्रथम प्रधानमंत्री, प्रथम राष्ट्रपति, प्रथम अन्तरिक्ष यात्री, प्रथम नोबल पुरस्कार विजेता एवं प्रथम पर्वतारोही जो माउंट एवरेस्ट पर चढ़ी हों // इस सूची पर आधारित पी.पी. टी. तैयार कीजिए ।
<b>Model /Project</b>	प्रत्येक क्षेत्र उल्लेखनीय कार्य करने वाले महान व्यक्तियों या साहित्यकारों के चित्र (अधिकतम-10 चित्रों का संकलन) एकत्रित कीजिए तथा उन्हें एक एलबम में चिपकाए ।

**SUBJECT: ODIA**

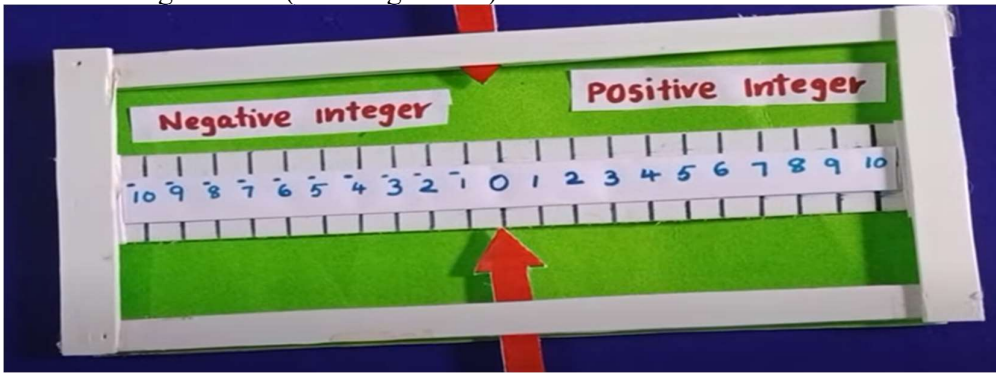
<b>Written Work</b>	'ମା' ର ମମତା ଅମୂଲ୍ୟ ମୂଲ୍ୟ' ଏ ବିଷୟରେ ଉର୍ଦ୍ଧ୍ୱା କରି ସାଂଗ ନିକଟକୁ ପଢ଼ାନ୍ତୁ ।
<b>Activity</b>	ଭିଡ଼ିଓ ଟିକ୍ କୁ ଦେଖି ସେ ବିଷୟରେ ଏକ ବିବରଣୀ ଲେଖ । <a href="https://youtu.be/fSDfzlk2Je8">https://youtu.be/fSDfzlk2Je8</a>
<b>Model /Project</b>	ଆମ ରାଜ୍ୟ ସଂଗ୍ରହାଳୟ ଭୁବନେଶ୍ୱରରେ ରେ ଅବସ୍ଥିତ । ଖରାଦିନ ଛୁଟିରେ ରାଜ୍ୟ ସଂଗ୍ରହାଳୟ ବୁଲିବାକୁ ଯାଇ ସେଠାରେ ଥିବା ବିରଳ ଚିତ୍ର ଦେଖ ଏବଂ ଚାର୍ଟ ପେପରରେ ସେ ବିଷୟରେ ୫ ଧାଡ଼ି ଲେଖ । (୫ ଟି ର)

*"The moment I am aware that I am aware, I'm not aware." – J. Krishnamurti*

**SUBJECT: SANSKRIT**

<b>Written Work</b>	निम्नलिखित शब्दानां उत्तर पुस्तिकायां लिखित्वा कण्ठस्थि करणं करोतु पिता , बालकः , बालिका, मति , तत् निम्नलिखित धातुनां उत्तर पुस्तिकायां लिखित्वा कण्ठस्थि करणं करोतु गम, खाद्, कृ
<b>Activity</b>	संस्कृत गल्पं श्रुत्वा स्वस्य एकं गल्पं प्रस्तूयते <a href="https://youtu.be/xxHZCX15FUY">https://youtu.be/xxHZCX15FUY</a> श्लोक कण्ठस्थि करणं करोतु <a href="https://youtu.be/BmQWv_TL0wA">https://youtu.be/BmQWv_TL0wA</a>
<b>Model /Project</b>	आर्यभट्टस्य चित्रं रचयित्वा तस्योपरि पञ्च वाक्यानि लिखत

**SUBJECT: MATHEMATICS**

<b>Written Work</b>	<a href="#">Click to download the worksheet</a> And write the answers in your Mathematics Notebook.
<b>Activity</b>	Representation of Multiplication on Paper. Reference: Chapter: Fractions (Page no. 34 in your Textbook) <b>Reference Link:</b> <a href="https://youtu.be/QBirp7HMHG4">https://youtu.be/QBirp7HMHG4</a>
<b>Model /Project</b>	MODEL: Integer Board (Working Model)  For reference, follow the <b>LINKS:</b> 1. <a href="https://youtu.be/MToYxMKbQic">https://youtu.be/MToYxMKbQic</a> 2. <a href="https://youtu.be/IKPhJOErTmA">https://youtu.be/IKPhJOErTmA</a>

**SUBJECT: SCIENCE**

<b>Written Work</b>	<b>Physics-</b> Write the answers to the following questions in your Physics Notebook: 1. Identify biological process in our body that is nearly periodic and that can be used to measure time. 2. A pendulum takes 1 second to move from one extreme end to another extreme end. This pendulum is used in a clock to move the second's hand. How many oscillations are required to make the seconds hand to complete 1 minute? 3. Car X covered 125 m in 5 s. Car Y covered 150 m in 15 s. (a) Which car will cover a greater distance in 30 s? (b) Which car has a higher speed? <b>Chemistry-</b> Write a short note in your Chemistry Notebook on each of the following: (a) Man-made elements. (b) Modern structure of atoms [Each note shall not exceed more than 100 words] <b>Biology-</b> Do research on the different types of heterotrophic plants and write short notes about their names and mode of nutrition and also stick their pictures in neat A-4 size sheet of papers.
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*“Ambition produces certain industrial benefits, but in its wake there is the darkening of the mind.”*

*– J. Krishnamurti*

<b>Activity</b>	<p><b>Physics-</b> Plan a visit to any Science Museum/ Park. Make a PowerPoint presentation of maximum 10 slides and take a printout of it and submit the same on the date of submission.</p> <p><b>Chemistry-</b> Write the names of first twenty elements as per their atomic numbers, and mass numbers along with the symbols neatly in our notebook and memorize them.</p> <p><b>Biology-</b> Collect ten leaves with flower of same plant. Keep it inside a Newspaper and place under a heavy load (under bed mattress / any wooden structure) for at least seven days, then paste it on a A4 sized Chart paper, and write the Scientific and common name of the plant at the right-side bottom of the chart paper. (The process is known as Herbarium preparation) (You can take help of any external resource).</p>
<b>Model /Project</b>	<b>Chemistry-</b> On Two/three cardboards of A4 size, write the symbol of the radicals as per the instructions which will be provided to you in the DPP Science group.

**SUBJECT: SOCIAL SCIENCE**

<b>Written Work</b>	<p><i>Write the answers to the following in your respective Subject Notebook:</i></p> <p><b>History</b></p> <ol style="list-style-type: none"> <li>Who wrote the book Akbarnama?</li> <li>What is epigraphy?</li> <li>How accounts of travellers are important for study of history?</li> </ol> <p><b>Geography</b></p> <ol style="list-style-type: none"> <li>Why ozone layer is so important for human survival?</li> <li>What do you mean by biosphere?</li> <li>Which are the main causes of global warming?</li> <li>Write the differences between igneous rock and sedimentary rock?</li> <li>Explain the structure of earth with picture?</li> </ol>
<b>Activity</b>	<p>Visit the nearest famous monument and collect the information about the following in your history notebook-</p> <ol style="list-style-type: none"> <li>Time/ period of building</li> <li>Creator</li> <li>Location</li> <li>Festival</li> <li>Architecture style</li> <li>Sculpture</li> <li>Paste some photographs.</li> </ol>
<b>Model /Project</b>	Prepare a project for the school magazine, suggesting ways to stop deforestation. Use photograph, old newspaper clipping etc to support your finding and arguments in A4 sized papers.

**SUBJECT: COMPUTER SCIENCE**

<b>Written Work</b>	Write all the Excel Operators in Excel. Perform all the Operations with any three 2-digit numbers of your choice.
<b>Activity</b>	Calculate in Excel, the volume of cuboids whose length, width and height are given below. Write the answer in the following table.

*“It is a waste of energy when we try to conform to a pattern. To conserve energy, we must be aware of how we dissipate energy.”*

*– J. Krishnamurti*

	A	B	C	D	E
1			<b>Length</b>		
2			12	15	16
3	<b>Height</b>	4			
4		6			
5		8			
6			2	3	4
7			<b>Width</b>		

**Model /Project**

Make a beautiful Power Point Presentation on the types of Cell referencing along with examples and pictures.  
 You have to mail the ppt to [sumansudha.abpsbhubaneswar@gmail.com](mailto:sumansudha.abpsbhubaneswar@gmail.com)

### Did you know?

- **Albert Einstein received the Nobel Prize for the theory of Photoelectric effect.**
- **Bituminous coal used in the smelting of iron ore.**
- **First IIT was set up in Kharagpur, West Bengal.**
- **Lithium is the lightest metal.**
- **Easter Island is a special territory of Chile.**