

ST. JOSEPH SCHOOL MAHARAJGANJ

Holiday

**Home work
class 12
Biology**

MAY 18

To

JUNE 22

Dear Parent

Should we judge a dolphin by its ability to climb a tree? We do not wear the Board exam marks on our sleeves? Right. But they do signify a simple thing: it quantifies the level of sincerity and sense of responsibility of a student as per the complexity of the subjects each one studies. This sense of sincerity and responsibility should begin from the time the student steps in XII.

With mercury rising to unprecedented heights, it is that time of the year where Summer Vacation provide us a little respite from the scorching heat. At the same time it also allows students enough time for introspection, reviewing past performances, learning from mistakes, goal setting planning strategically and tactically, identifying obstacles to success. Gearing up for this wonder period of rejuvenation, let us prepare ourselves to utilise our time in many constructive ways. With the idea of fostering new learning experiences and to enhance individual inquisitiveness, the school has planned some to channelize the energies of the young Students.

Subject -English

INSTRUCTIONS:

Listen to podcasts, documentaries, interviews etc. on the given topics.

Do a thorough research on the topic assigned.

Prepare a report/essay in about 800-1000 words describing the topic/issue/ giving your own opinion/ suggestions/measures/ viewpoints/its impact on people/your learning experience.

The project should be neat, legible, with an emphasis on quality of content, accuracy of information, creative expression, proper sequencing and relevance as per the assigned topic.

Use coloured practical sheets.

Plagiarism is strictly prohibited.

Select any one of the given topics for your English Project.

CHILD LABOUR IN INDIA

“Child labour perpetuates poverty, unemployment, illiteracy, population growth and other social problems.” Kailash Satyarthi

You have studied the lesson ‘Lost Spring’ by Anees Jung. It deals with child labour in India. Based on your understanding of the lesson and the problem it mentions, make a project titled ‘CHILD LABOUR IN INDIA’

Include the following sub-headings:

Causes of child labour


Effects on the social environment

Laws on child labour

National child labour policies & schemes

Prevention and elimination of child labour

Industries employing children- Make a case study (800-1000 words) on any 1 industry that employs child labour. Furnish all relevant details and statistics. Attach 3-4 pictures.



SAY NO TO WAR

“An eye for an eye only ends up making the whole world blind.” Mahatma Gandhi

You have studied the lesson ‘The Last Lesson’ by Alphonse Daudet. It deals with war and the long-lasting effects it has on the society at large. Based on your understanding of the lesson and the problem it mentions, make a project titled ‘SAY NO TO WAR’

Include the following sub-headings:

Definition of war


Effects on social, economic environment

Cost, in terms of money and lives

Important international treaties

Prevention and elimination of wars

Any 1 war – Make a case study (800 - 1000 words) and furnish all details and statistics. Attach 3-4 pictures.



Subject - Biology

1. To write the experiment 1 (Temporary mount to observe pollen germination) with requirements, procedure, observation table , conclusions & precautions.
- 2.To draw well labelled diagram on A4 size paper . (Oogenesis inside ovary , development of dicot embryo, Hormonal control in male & female . T.s of ovary.) with file.
3. To make a chart and write the map of different types birthcontrol with example which prevent pregnancy.
4. To write 10 Assertion and reason of each chapter of unit -1 in summer vacation copy (thin).

Subject – Chemistry.

1. Write down the previous year question (1-50) and their solutions of chapter 1 (haloalkanes & haloarenes) from the given PDF.
2. Prepare a chart of-
 - a. Daniel cell
 - b. Electrochemical series
 - c. Lead storage battery
 - d. Crystal field splitting of tetrahedral and octahedral complex.
3. Prepare a project file on any one of the following- Carbohydrate, protein, vitamins, nucleic acid, amines, alcohol, haloalkanes and haloarenes.

Subject - Physics
Lab manual work

1. From section A of lab manual ,
complete experiment no. 1 and
2
2. From activity section , complete
activity 1
3. Project work on any one the
topics allotted in classroom
4. Make a separate copy of 200
pages and complete exercises
of chapter 1 and 2

Subject - Physical education

Question.1

As the sports captain of your school, you are involved in the selection of students for participating in District Zone matches subsequently.

-List out the criteria you will employ for selection of individual Games/Sports.

Question.2

-Art Integrated Activity.

Your school is organizing an inter-school football tournament. As a member of the announcement, publicity and record committee, prepare an attractive poster to invite participants from different schools.