



CLASS-XII
PROJECT TOPICS
BBG

SCIENCE

SUBJECT -PHYSICS PROJECT

- **Students have to select topics from the syllabus of class 12 for their project work.**
- **Students are required to do their work in lace file (if it is not with you please do it in sheets)and maximum attention towards neatness and presentation of work is needed.**
- **Do not add unnecessary patterns designs to your work.**

BASIC FORMAT

- **Certificate of excellence**
- **Acknowledgment**
- **Aim of project**
- **Introduction**
- **Theory /principle/laws**
- **Procedure followed/ Explanation of theory with supportive description of experimental details.**
- **Use in daily life**
- **Conclusion**
- **Precautions**
- **Bibliography**

FEW PROJECT IDEAS

- 1. Lenzs law (experimental)**
- 2. Optical telescope (<http://astro.nineplanets.org/bigeyes.html>).**
- 3. Simulating Photoelectric effect (<http://physics.berea.edu/photoelectric.html>).**
- 4. Junction diode as a rectifier**
- 5. Davisson Germer experiment: dual nature of matter.**
- 6. Dispersion: rainbow formation.**
- 7. Frequency modulation of wave and it's uses**
- 8. Make static or dynamic models with simple household items.**

SUBJECT -CHEMISTRY PROJECT

TOPICS:-

- 1. Chemicals In Cosmetics Industry**
- 2. Fertilizers**
- 3. Natural and Synthetics polymers**
- 4. Chemical in Medicine**
- 5. Rocket Propellants**
- 6. Chemical in Forensic**

SUBJECT -BIOLOGY PROJECT

TOPICS:-

- 1. Rare Genetic Disorders**
- 2. Cysts**
- 3. Ebola Virus**
- 4. Diabetes**
- 5. In Vitro Fertilization**
- 6. Alzheimer's Disease**
- 7. Cancer**
- 8. Psoriasis**
- 9. Drug Addiction**
- 10. Stem Cells**
- 11. Genetic Engineering**
- 12. Biopiracy**
- 13. Down's syndrome**
- 14. Gynecology**
- 15. Role of Micro-organisms in Industry**
- 16. Drugs, Alcohol & Narcotics**
- 17. Heart Attack**

COMMERCE

SUBJECT - ACCOUNTS PROJECT

TOPICS:(Any 2 out of 4):-

- 1. Partnership with 3 months transactions- preparation of Final accounts.**
- 2. Cash flow statement sums.**
- 3. Ratio Analysis**
- 4. Statement of financial analysis- Comparative & Commonsized**

SUBJECT - COMMERCE PROJECT

TOPICS: (Any 2 out of 3)

- 1. Banking- Functions of Banks together with a financial statement of a public sector Bank.**
- 2. Essay on Central of India (Reserve Bank).**
- 3. Marketing of fast moving Consumer Goods.**

SUBJECT - ECONOMICS PROJECT

TOPICS:

Project 1:- Study a public sector enterprise, with reference to its relevance to the Indian economy and its future prospects. Analyse the trend of its growth for the last ten years.

Project 2:- Prepare a report on the competition in the Aviation Sector in India with reference to:-

- a) Performance of the public sector and private sector.
- b) Operation strategies adopted by Budget/ Low cost carriers.

Project 3:- Prepare a trend analysis of growth and productivity of any one industry as:-

- a) Textile
- b) Automobile
- c) Electronic
- d) Tele communications

In India for the past ten years.

Students are required to complete any two projects from the three options.

HUMANITIES

SUBJECT - HISTORY PROJECT

TOPICS:

Nelson Mandela

These are the guidelines

❖ **A 2000 word essay to be structured as follows....**

- 1. The Research question**
- 2. Reason for choosing the topic.**
Hypothesis.... i.e. the conclusion the student is hoping to draw
- 3. Main Essay**
 - a) Background**
 - b) Theme**
 - c) Interpretation of the research material gathered**
 - d) Conclusion.... ie whether hypothesis stands or not**
 - e) Bibliography**

It is important that the students first frame the Research question and then gather material accordingly...

Example....

If topic is on Rabindranath Tagore

Question....To what extent did Tagore influence the National Movement?

SUBJECT - POLITICAL SCIENCE PROJECT

TOPICS:-

Role of National Human rights commission in safeguarding the rights of the underprivileged.

- 1. Reason for selection of the topic.**
- 2. Framing the research question.**
- 3. Hypothesis.**
- 4. United Nations universal declaration of human rights (1948).**
- 5. Constitutional provisions.**
- 6. Formation of National Human rights commission.**
- 7. Its composition and functions.**
- 8. Identifying the underprivileged and understanding their plight.**
- 9. Efforts made by NHRC (a minimum of two case studies).**
- 10. Student's viewpoint.**

SUBJECT - ENVIORNMENT SCIENCE

TOPIC:

5 ENDANGERED SPECIES AND MEASURE ADOPTED FOR THEIR CONSERVATION.

(DETAILED INFORMATION FOR EACH SPECIES TO BE DONE SEPERATELY)

TO BEGIN FILEWORK ONCE COLLECTION OF MATERIALS ARE COMPLETED -

- PICTURES
- DIAGRAMS
- NEWSPAPER AND MAGAZINE UPDATES AND INFORMATION.

WORKING PROCEDURE IN FILE :

- 1) INDEX
- 2) INTRODUCTION (GENERAL INFORMATION OF DIFFERENT ENDANGERED SPECIES)
- 3) FORMAT EXAMPLE:

A. NAME - TIGER (SCIENTIFIC NAME TO BE GIVEN)

- **CLASSIFICATION**

KINGDOM

PHYLUM

CLASS

ORDER

FAMILY

GENUS

SPECIES

- **HABITAT ADAPTATION & LOCATION**
- **PHYSICAL CHARECTERISTICS**
- **REASON FOR BEING ENDANGERED**
- **VARIOUS MEATHODS ADOPTED FOR THEIR PRESERVATION BY GOVT / NGOS/ LOCALS.**

**PLEASE FOLLOW ABOVE FORMAT FOR ALL FIVE EXAMPLES
(SEPERATELY)**

4) CITES + IUCN - ROLE AND MISSION

5) CONCLUSION

- BRINGING IT ALL TOGETHER
- WHY IS THIS IMPORTANT
- OTHER INTRESTING FACTS

6) BIBLOGRAPHY

7) ACKNOWLEDGEMENT