



ST. MARY'S ACADEMY
SUMMER VACATION HOME WORK (2016)

CLASS 9 CAMBRIDGE

ENGLISH:

- Read a work of fiction, complete text and write a summary of the text in about 300 words.
- Write a composition of about 350 to 500 words on each of the following topics:
 - I love my identity as a Pakistani
 - What technological advancement do you see in the next ten years, based on the scientific progress today?
 - Write a story based on the following sentence, "I could not believe, my own brother had turned against me."

MATHS:

- **Syllabus D1:** Number sequence, perimeter and area of geometrical figures, volume and surface area, ratio rate and speed. Percentage, angle properties of polygons.
- **Syllabus D2:** Direct and Inverse proportion, Algebraic and Manipulation, value and surface area.
- **Syllabus D3:** Chapters 1, 2, 3 & 4
- Revision of these topics thoroughly and attempt ten questions from each topics in classified.

PHYSICS:

- Solve the past papers questions. (Paper I and II)

Topic Name		Years
1. Pressure	2. Temperature	May/ June and Oct/ Nov
3. Kinematics	4. Dynamics	2009 - 2013

CHEMISTRY:

- Revise and study these topics. Solve 15 MCQS and 5 structured Questions in each from past papers.
 - i) Elements mixtures and compounds and chemical equation
 - ii) Atomic structures
 - iii) Bonding
 - iv) Kinetic Particle theory
 - v) Moles and calculation.

COMPUTER :

- Make Ms-word documents of Ms-word of following topics with mark scheme:
 - 1. Number system
 - 2. Communication
 - 3. Input/ Output devices
 - 4. Logic gates
 - 5. Flow charts

BIOLOGY:

- Revision of all the topics studied in class 8th and 9th.
- Answer the questions related to the topics from the past paper and given at the end of the unit in the book.



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PAKISTAN STUDIES:

- Make a vertical time line from 1526 to 1947. High light important events briefly..
- Draw a map on the chart and highlight physical and climatic feature. Get assistance from your text book.
- Search information on internet for agriculture of Pakistan. Compile a report consisting of 250 words.

ACCOUNTING:

- Revision of Chapter 1 to 4.

BUSINESS STUDIES:

- Revision of Chapter 1 to 5.
- Completion of case study.

ECONOMICS:

- Write a comprehensive report on "economy of Pakistan". The report should consist of 1000 words atleast.

ADD-MATHS:

- Revision of Chapters 2, 5, 6 and attempt ten question from each topics in past papers.

RELIGION:

- Write down the background to Mathew's Gospel and to the Acts of the Apostles.

ISLAMIYAT:

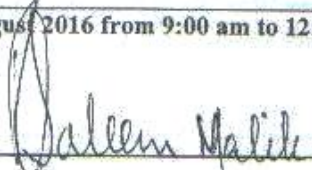
- Relations of the Holy Prophet (P.B.U.H) with others.
1. Non-Muslims 2. Enemies 3. Neighbour 4. Wives 5. Strangers 6. Guests
7. Companion 8. Slaves 9. Children 10. Parents 11. Animals
- Revise all the previous work done in class 8 and 9 as it will be included in 2nd term examinations.

URDU:

- Read out urdu books of your interest to improve your reading and writing skills.
- Listen to Urdu news atleast once daily and on the basis of that news write down a report covering all important events and happening during the vacation.

NOTE: Summer vacation homework will be submitted on 9th, 10th, and 11th August 2016 from 9:00 am to 12:00 pm.

Have a Safe
and Happy
Summer!


Coordinator's Signature