



ST. MARY'S ACADEMY SUMMER VACATION HOME WORK (2015)

CLASS 9th CAMBRIDGE

ENGLISH:

- Learn the meanings of the list of words provided.
- Write a story beginning, 'It was just an ordinary weekday morning' 350 to 500 words.
- Describe the biggest challenge in your life 350 to 500 words.
- Write about some of the things that make you happy at the end of a school day. 350 to 500 words.

MATHS:

- Revision of the following topics from past papers (Classified 2000-2013). Mensuration, Direct & inverse variations, Angle properties of polygon, Simultaneous & Linear Equations, Quadratic Equations, Indices & standard form co – ordinate Geometry & Matrices.
- **ADD MATHS:** Practice of questions of the following topics from book simultaneous & equation, Indices surds & log, remainder & factor, theorem. Matrices.

SOCIAL STUDIES:

- History: Section 1 & Section 2 all 7 and 14 mark questions.
- Geography: Ch 1 – 6 , Prepare for 1st Term exam

COMPUTER :

- Pick past papers questions from 2010 – 2015 papers of the topics: Number Systems, Pseudo code and input, output devices and solve them on loose sheets.

ISLAMMIYAT:

- Relation with others The Holy Prophets relation with others.
- Revise and prepare for 1st Term Exam.

RELIGION:

- Note: (only handwritten work will be accepted).
- Write all the miracles and parables given in the Gospel of Matthew.
- Read the commentary of William Barclay on the Gospel of Matthew.

BIOLOGY:

- Attempt last 3 year's papers (2011, 2012,2013) summer and winter from all the discussed topics.

CHEMISTRY:

- Revise and study these topics. Solve 10 MCQS and 5 structured Questions in each from past papers.
- i) Atomic structures ii) Bonding iii) Kinetic Particle theory iv) Moles and calculation.



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PHYSICS:

- Solve the questions from past papers (2005 – 2010)
- Paper 22 (Oct /Nov and May /June)
- Topics: i) Pressure ii) Temperature iii) Thermal Expansion
- i) Kinematics ii) Dynamics iii) Deformation

ECONOMICS:

- Topics have been assigned to individual students. Students are supposed to do research on individual topics and provide soft and hard copies.

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ACCOUNTING:

Attempt first five chapter exercise questions on separate pages.

BUSINESS STUDIES:

Take any industry (Your own choice). Give a detailed analysis of that industry e.g what is its product line, how much revenue & profitability the industry earned etc.

URDU:

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

NOTE: Summer vacation homework will be submitted on 7th August 2015 from 8:00 am to 12:00 pm

Coordinator Signature

