

ST.PATRICK'S HIGH SCHOOL
O-LEVELS MIDDLE SECTION
2nd TERM SYLLABUS (January-May 2019)
CLASS 8A1/2

MATHEMATICS:

- 1) Chap3: Expansion & Factorization of quadratic expression.
- 2) Chap 4: Further expansion & factorization of algebraic expression
- 3) Chap 6: Algebraic fraction & formulae
- 4) Chap 10: Pythagoras theorem
- 5) Chap 12: Volume & Surface Area
- 6) Chap 05: Quadratic equation and graphs

COMPUTERS:

- | | |
|----------------------------|---------------------------|
| 1) Virus & Anti Virus | 2) Sequential Programming |
| 3) Conditional Programming | 4) Repetition Programming |

ISLAMIAT:

- 1) Prophets life in Madinah
- 2) The Battles fought during that time
- 3) Importance & Significance of the conquest of Makkah
- 4) Teachings of the Holy Prophet for Muslim's states & their relations with other states

ART:

- | | |
|----------------------|-----------------------|
| 1) Nature Scenery | 2) Kirrigami Projects |
| 3) Comic Strip | 4) Seven Wonders |
| 5) Theme Work | 6) Valve Shading |
| 7) Charcoal Projects | 8) Landscape |
| 9) Fabric Painting | 10) Still Objects |

HISTORY:

- Unit 5: The challenges to the British Raj
Unit 8: The struggle for Independence
Unit 9: The Second World War

BIBLE KNOWLEDGE: 1) Gospel of St.Mark Chps 8-14

GENERAL SCIENCE:

- 1) Chp 2: Respiration & Circulation
- 2) Chp 10: Light
- 3) Chp 5: Food Chains & Food Web
- 4)) Chp 11: Sound & Hearing

NOTE: All work done in the journal & the Lab class will be included along with the above chaps from the book & workbook.

GENERAL SCIENCE LAB:

RESPIRATION & CIRCULATION :

- 1) Does exercise affect the rate of breathing?
- 2) Investigating the differences between inhaled air & of exhaled air
- 3) Investigation whether inhaled air or exhaled air has more oxygen.

LIGHT:

- 1) Reflection of Light
- 2) Refraction of Light
- 3) To Observe the Dispersion of light by triangular glass prism

FOOD CHAINS & FOOD WEB:

- 1) To observe & identify habitats, producers, consumers & predators & preys
- 2) To construct food chains 2 from a food web
- 3) To observe organism, which help in or cause decomposition
- 4) (Hands-on minds-on tasks)

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SOUND & HEARING:

- 1) How are sounds made
- 2) To find out what the pitch of sound depends on?
- 3) Investigations/Activities based on characteristics of sound wave

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نور - رحمان -	
Abrar Hassan.	
class - 801. BA2	
Language work.	
1-	Essay writing
2-	Translation.
3-	Comprehension
4-	Summary writing.
5-	sentence transformation
6-	Sentence formation
7-	Close passage.
8-	Letter writing
9-	Dialage writing.
10	Grammar work.
Literature work.	
	لوہڑی اور کھیت کا - 1
	منظور - 2
	شکوہ (قلم) - 3
	unseen - 5
	1 ملاء - 6
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ENGLISH LITERATURE:

NOVEL:

- 1) My family & other Animals
- 2) Part I Conversation
- 3) Part II Chap 7,10 Conversation
- 4) Part III Chps 13, 16, 18

students are required to do home reading assignment as given by the teacher which be assessed through QUIZ METHOD

ELEMENTS TO BE TAUGHT THIS TERM :

1. Critical literary terms (key terms & their definitions)
2. Setting, Dialogue, theme, conflict & characterization

POETRY: 1) The Eagle (Lord Alfred Tennyson) 2) The Road Not Taken (Robert Frost)

ELEMENTS TO BE TAUGHT THIS TERM: 1. Brief Introduction to the poet & his style
2. Factual & critical questions

ENGLISH LANGUAGE:

Student's Book: Units 4, 5, 6 & 10

Workbook: Pages: 27,33 ,36,37, 43, 44, 72, 74, 76

GRAMMAR: 1) Parts of Speech 2) Punctuation 3) Tenses Pages: 30, 31,32,34,37, 40, 54, 57


COMPOSITION:

CREATIVE WRITING: 1) Descriptive Writing 2) Argumentative Writing

DIRECTED WRITING: 1) Informal Letter Writing 2) Speech- Impromptu

COMPREHENSION:

- 1) Summary Skills
 - 2) Inference
 - 3) Differentiate between fact & Opinion
- Dictionary skills & spellings to supplement lessons


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GEOGRAPHY:

Ch # 3

Development in Pakistan

- Economic development - Agriculture
 - The Green Revolution
 - The Indus Water Treaty 1960
- Economic development - industry
 - Large scale manufacturing industry
 - Small scale " "
 - Tertiary industry - tourism
- Social development
 - Literacy & education
 - Medical facilities

Ch # 4.

Environment and Development

- The development 'compass' and the Kalabagh Dam Project
 - The KPK's concerns
 - The concerns of Sindh
 - WAPDA's report.
- How have developments in Pakistan affected the environment?
 - Water logging & salinity and sodicity in the Indus plain.
- The destruction of mangroves in Sindh
 - What are the causes of the destruction of mangroves?
- The drying delta in Sindh
- Pesticides and pollution
 - Reasons and results of the reduction in the flow.

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- pesticides and pollution
 - The results of the use of pesticides

- A shrinking sea.
 - Why has the Aral Sea shrunk?
 - What are the results of the shrinking of the Aral Sea?

Ch #5

Sustainable Development

- Sustainable fishing
- Sustainable forestry
- Sustainable electricity supply.
 - Wind power
 - Solar energy.

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