

# **HOLY CROSS HIGH SCHOOL**

# Grade 12 work for Term 1 Week – 2 (30/01/2023-03/02/2023)

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#### SCHOOL CALENDAR 2023

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Mrs Bailey cclassen@holycrosshigh.co.za

#### Topic: Life of Pi

#### **Activities and Tasks**

• Complete chapters 1-10

#### **Topic: Hamlet**

#### Activities and Tasks:

• Act 1

#### **Topic: Poetry**

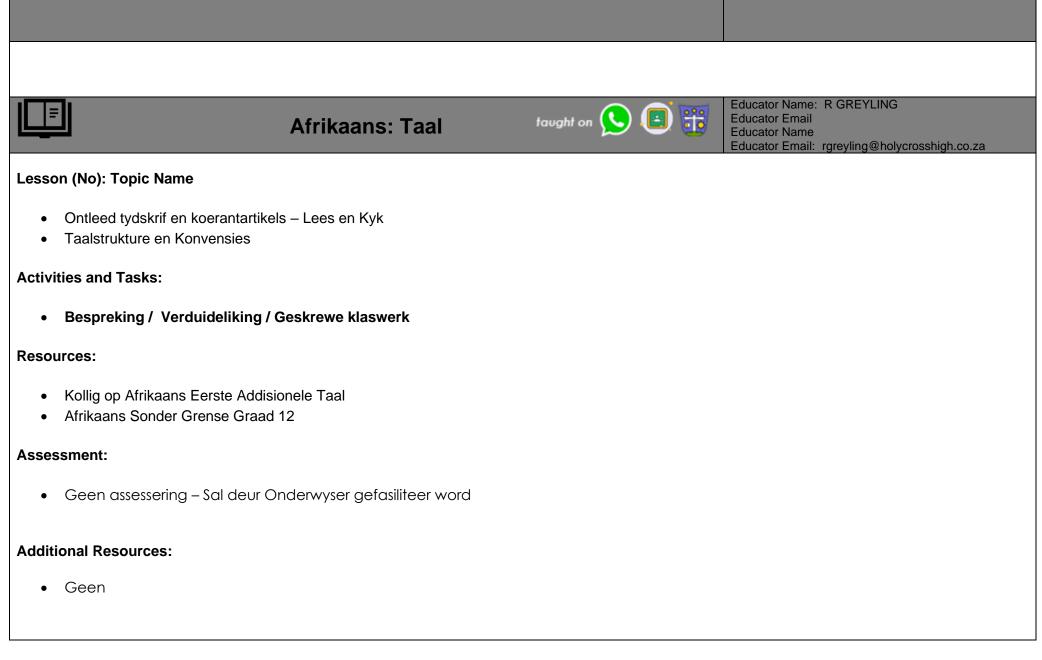
• Sonnet 13 by William Shakespeare

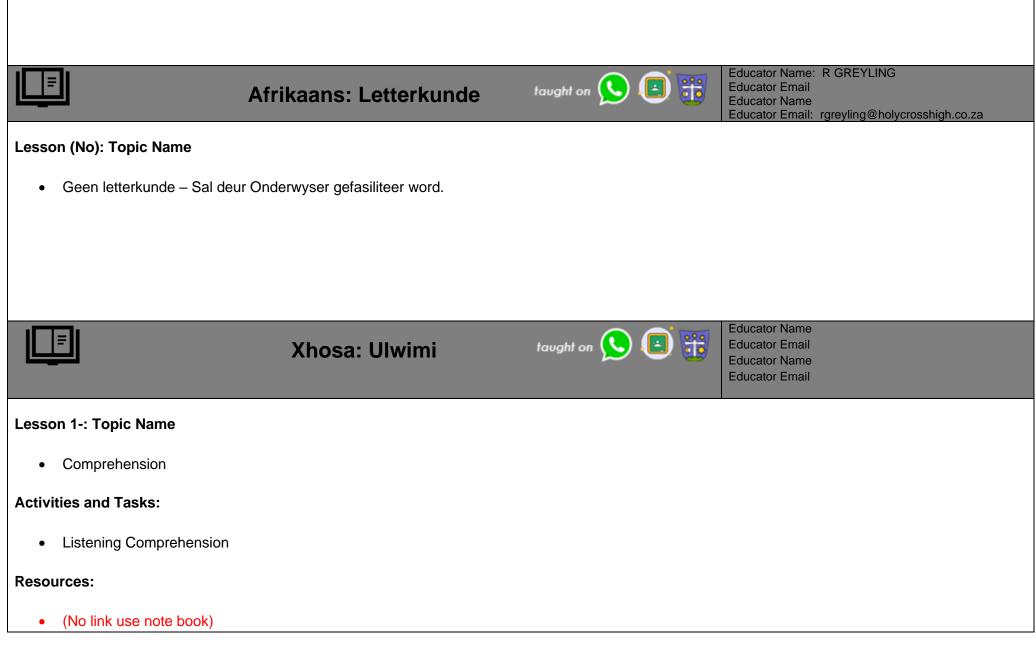
#### **Resources:**

Google Classrom

#### Assessment:

- Task 1: Listening Comprehension
- Task 2: Essay
- Task 3: Transactional
- Task 4: Unprepared Speech
- Task 5: Controlled Test
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#### Assessment:

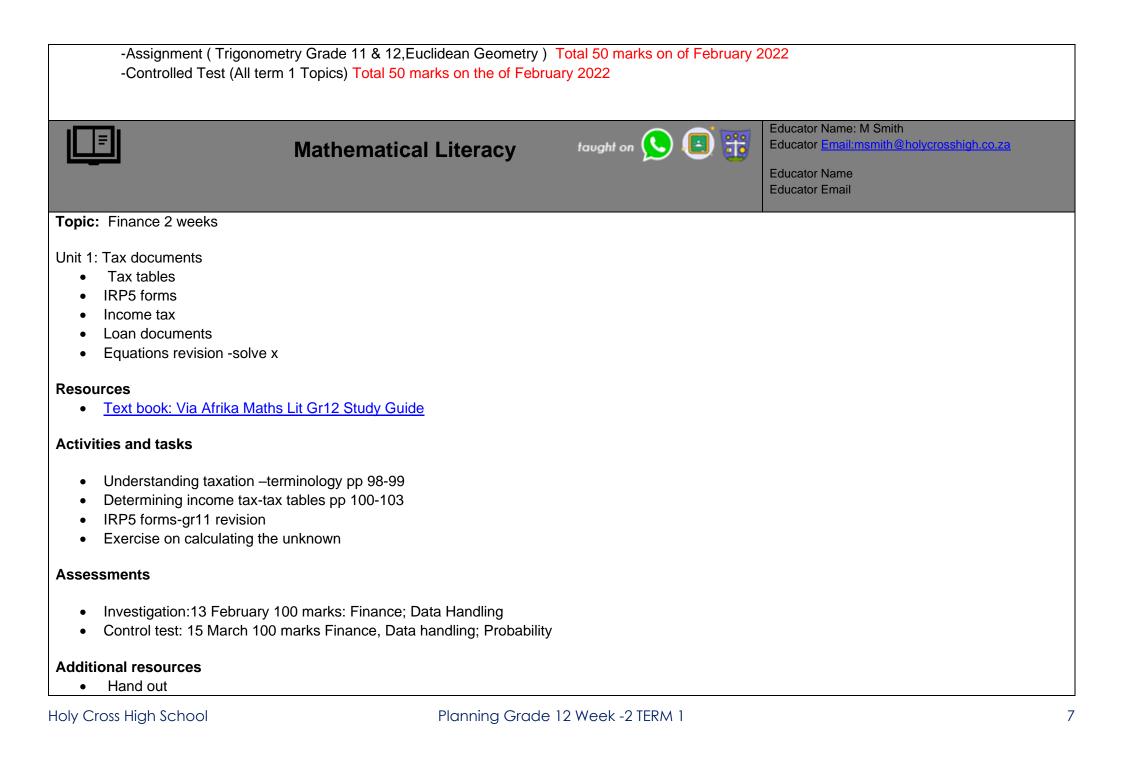
- Listening Comprehension-16 Jan 2023
- Essay- 23 Jan 2023
- Longer Transactional Writing- 30 Jan 2023
- Control Test- March 2023

#### Additional Resources:

• <u>https://youtu.be/5rWPB8qo9Y4</u>

	Xhosa: Lincwadi	taught on 🚫 🔳 😈	Educator Name Educator Email Educator Name Educator Email
Lesson (No): Topic Name			
•			
Activities and Tasks:			
•			
Resources:			
•			
Assessment:			
•			

Additional Resources:				
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M	athematics	taught on 🚫 闾 😈	Mr Kawadza Mrs Smith Mr Klaasen	vkawadza@holycrosshigh.co.za msmith@holycrosshigh.co.za kklaasen@holycrosshigh.co.za
Topic: Arithmetic and Geometric Ser	ies.			
Quadratic Sequence				
Arithmetic Sequence and Series				
Proof of the arithmetic series				
Geometric sequence and Series				
Proof of the Geometric series				
Activities and Tasks:     Do Mixed exercise 2 on page 21 (Grade 12 Mathematics Handbook)				
Resources     -NCS Mathematics DVD Series     -Via-Afrika Mathematics grade 12     -Grade 12 Mathematics Handbook				
Assessment:     -Investigation/Project (Proportionality	v Theorem) Total 50 marks on	of February 2022		
Holy Cross High School	Planning Grade	12 Week -2 TERM 1		6





# **Physical Science**



Educator Name Educator Email Educator Name Educator Email

#### Lesson (No): Topic: Newton's second Law in terms of momentum

- Applying Newton's second Law in terms of momentum
- Represent the second Law in terms of momentum with an equation
- Calculate given problems on second Law in terms of momentum
- Conservation of momentum
- Law of conservation of momentum

#### Activities and Tasks:

- Exercise 1.2 pp 25 (Use physical textbook no link)
- Check point 4 pp 31 (Use physical textbook no link)
- Exercise 1.3 pp 34 (Use physical textbook no link)

#### **Resources:**

• Solution for all learner's book pp 22- 35

#### Assessment:

Practical: Preparation of Esters: 7/03/23

Test: Momentum, impulse, conservation of momentum, Projectiles and organic chemistry: 16/03/23

#### **Additional Resources:**

- Mind the gap grade 12: (Google classroom)
- Everything Science- Siyavula grade 12 ( Google classroom)

	Life Sciences	taught on 🚫 🧲	Educator Name Educator Email Educator Name Educator Email		
Topic: DNA Code of Life					
<ul> <li>Tasks and Activities: Unit 1: DNA. Pages 4-11 in textbook. Summarise these pages in your Notebook.</li> <li>Page 7-8: Discovery of DNA</li> <li>Page 9: Role of DNA</li> <li>Page 10-11: DNA Replication. Draw figure 1.14. [Drawing 5 and 4 need to be swapped]</li> <li>Page 17: Summery</li> </ul>					
<ul> <li>Resources:</li> <li>Google Classroom resources: class code n2iuwjs</li> <li>School Website Life Sciences Study Guide [Click to follow link] [Resources for Matric Life Sciences]</li> <li>Textbook: Focus CAPS Life Sciences Grade 12</li> </ul>					
<ul> <li>Assessments:</li> <li>Practical [40 marks/50 mins] Human Reproduction: Data Management. Date: 20 February 2022</li> <li>Test [60 marks/60 mins] Topic: DNA: Code of Life, Meiosis: Reproduction in Vertebrates, Human Reproduction. Date: 13 March 2022</li> </ul>					

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Lesson (No): Topic Name: The Civil Rights Movement in the USA 1950s and beyond.

- Lesson 1: The origins of the Civil Rights Movement
- Lesson 2: The role, impact and influence of Martin Luther Junior King
- Lesson 3: The influence of Gandhi and passive resistance

#### Activities and Tasks:

• Activity1: page 133 (Use physical textbook and google classroom)

#### **Resources:**

• Textbook: In Search of History – page 118-153 (Use physical textbook and google classroom)

#### Assessment:

- Task 1 out of 100 source -based question (forms of protest in the USA and Black Power Movement (BPM) essay) 2 hrs
- Date: 03 March 2023
- Standardised Test 1out of 100- Source-based question (CRM forms of protest and essay on the Black Power Movement (BPM) 2 hrs
- Date: 06 March 2023
- Research Task on the Civil rights movement out of 100.- to be given during term 1 and submitted for marking during term 2

#### Additional Resources:

• <u>Study material and activities</u> (Click to follow link – same content as Google classroom and WhatsApp Group)

# Geography



Educator Name Educator Email Educator Name Educator Email

### Lesson (No: 1 and 2): Weather and Climate/ Climatology

• Cyclones: Mid-latitude cyclones

#### **Activities and Tasks:**

- Consolidation of Grade 11 skills.
- Characteristics of mid-latitude cyclones.
- Areas where mid-latitude cyclones form.
- The conditions necessary for the formation of mid-latitude cyclones.
- Stages of development and related weather conditions of mid-latitude cyclones.
- Weather patterns associated with warm, cold and occluded fronts.
- Reading and interpreting satellite images and synoptic weather maps.

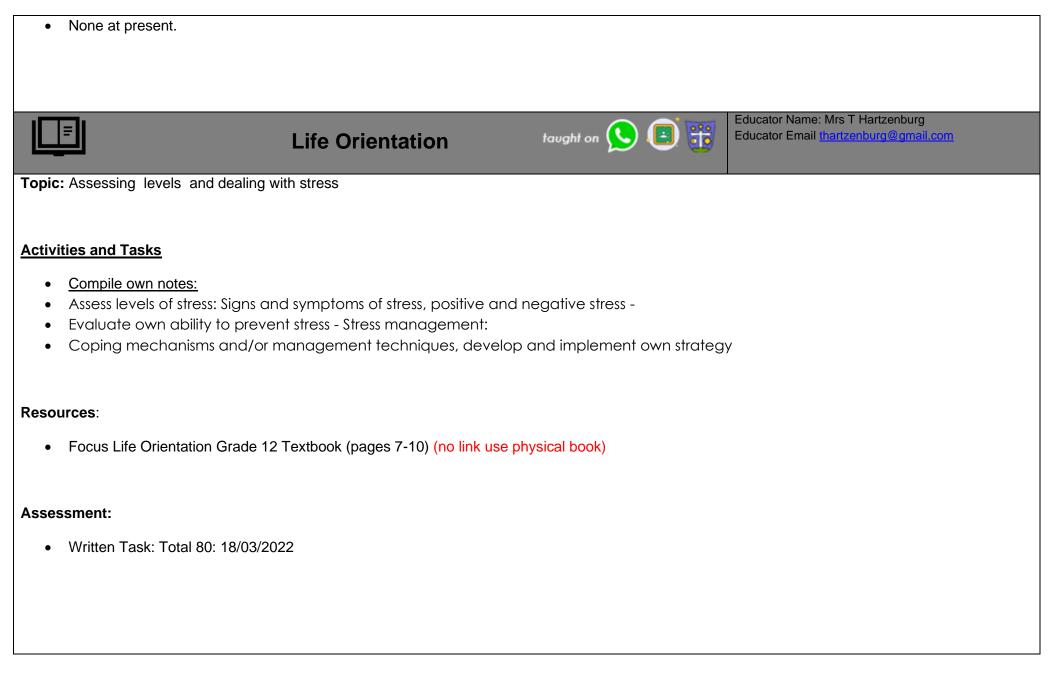
#### Resources:

• Via Afrika Grade 12 Geography Study Guide- (Click link to follow- same as school webpage; Google Classroom and WhatsApp Group)

#### Assessment:

- Task1: Mapwork Task
- Date: 30 January 2023
- Standardised Test
- Date :14 March 2023

#### Additional Resources:



	Religious Education	taught on 🚫 🔳 📆	Educator Name Educator Email Educator Name Educator Email
Lesson (No): Topic Name			
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Activities and Tasks:			
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Resources:			
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Assessment:			
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Additional Resources:			
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			Educator Name Educator Email
	Religion Studies	taught on 🚫 🕒 👸	Educator Email Educator Name Educator Email
Topic: Investigating Different religions in the World: Unit 1 Some important concepts. [Week 2]			

#### Activities and Tasks: Unit 1: Some important concepts. Page 3-7 in textbook

- Provide summaries for the following sections in the Unit: Religious identity, Uniqueness, Unity, Similarities and Differences, Comparability.
- Copy the table on page 7 and fill in the empty spaces.

#### **Resources:**

- Google Classroom class code 6ojsow6:
- Textbook: Shuters Top Class Religion Studies grade 12

#### **Assessments:**

- Project [100 marks/1 week] Topic: Religious Conflict. Date Issued: 13 February 2022. Due Date: 20 February 2022.
- Test [100 marks/1 hr] Topic: All of Term 1 work. Date: 6 March 2022



#### Topic: Systems technologies: Hardware (theory)

#### Activities and Tasks

- Input, output, processing, storage, and communication as part of the information processing cycle, consolidate and reinforce hardware and software regarding uses, making buying decisions
- Input & output devices: Multi-touch screen, HDMI, 3D printers, monitor response time of display devices (e.g., p 10)

#### **Resources:**

- MTN Textbook available on the school website Gr 12 CAT Theory textbook from MTN
- Pg 45 64
- Google classroom: tvchzi7

#### Assessments:

- CAT Paper 2 Theory Ch1 General Concepts, Ch 2 Hardware, Ch3 Software and social implications
- CAT Paper 1 Practical Ch1 WP Advanced techniques. Ch2 SS Advanced functions, Ch3 DB Reports

Tourism	taught on 🚫 💽 📆	Educator Name Educator Email Educator Name Educator Email

#### Topic: Domestic, regional and international tourism

- Unit 1: Global events of international significance
- Unit 2: Political situations and unforeseen occurrences of international significance

#### Activities and Tasks:

- Complete activities provided on the power point
- Complete activities 1 & 2 on pages 15 & 23 respectively

#### **Resources:**

- Learner textbook
- Lesson plan

#### Assessment:

• March Control Test (09/03/23-Provisional)

#### Additional Resources:

- Power point slides
- Links & clips reflected on the lesson plan
- Internet- Current Global Events

# **Business Studies**

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Educator Name: Mrs Muzondori Educator Email: mjnzira@holycrosshigh.co.za

#### Lesson (No): Topic Name

• Impacts of Recent Legislation (P1)

#### **Activities and Tasks:**

- Skills Development Act including the role of SETAs in supporting this Act
- Labour Relations Act including the rights of employers & employees according to this Act.
- Employment Equity Act
- Basic Conditions of Employment Act including the provisions of the Act
- Compensation for Occupational Injuries & Diseases Act

#### **Resources:**

- Grade 12 Bus Studies Core Notes and One pagers
- Platinum Business Studies Grade 12
- Via Africa Business Studies Grade 12
- Business environments worksheets

#### Assessment:

- Case Study (50 marks) Due Date 18/03/2023
- Control Test 1 (100 marks)17/03/2023

#### Additional Resources:

• 2020, 2021 paper 1 & 2 exemplars, Past NSC/SCE QP; Telematics video

	Accounting	taught on 🚫 🔲 📆	Educator Name: Mrs R Greyling Educator Email: <u>Rtgreyling@holycrosshigh.co.za</u> Educator Name Educator Email
Lesson (No): Topic Name			

Companies Introduction

#### Activities and Tasks:

- Define and explain accounting concepts unique to companies:
- Companies public and private; Companies (Act 71 of 2008); Registrar of companies / CIPRO Registration certificate; MOI; Income tax/provisional income tax; Dividends; Shares; Earnings; Shareholders; Limited liability; Separation of ownership from control
- Directors; Auditors; Retained income; Authorised and Issued share capital; JSE
- Define / Explain International Financial Reporting Standards (IFRS) and Generally Accepted Accounting Practice (GAAP); Application of IFRS and GAAP
- Define/ Explain of the specific GAAP principles: historical cost; prudence; materiality; business entity rule; going concern; matching

#### **Resources:**

- New Era Grade 12 Accounting
- Via Africa Grade 12 Accounting
- Teacher Training Module Companies

#### Assessment:

#### Additional Resources:

• Past test / exam papers

- Past NSC exam questions
- Gr 12 Revision material
- Mind the Gap
- Companies Act 71 of 2008