



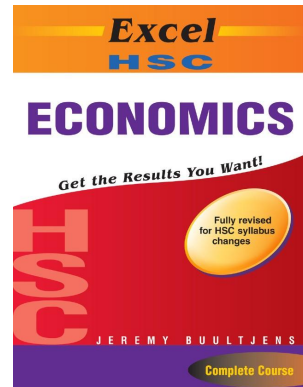
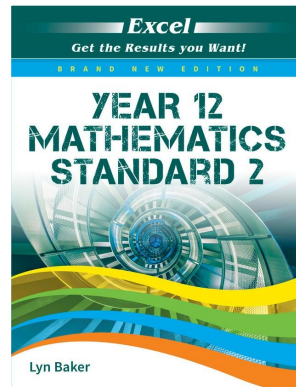
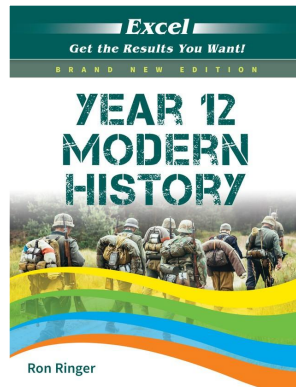
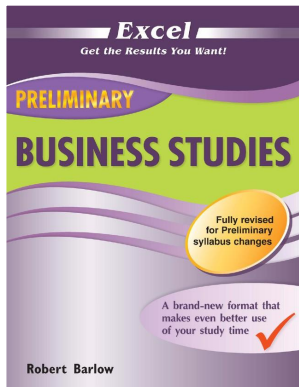
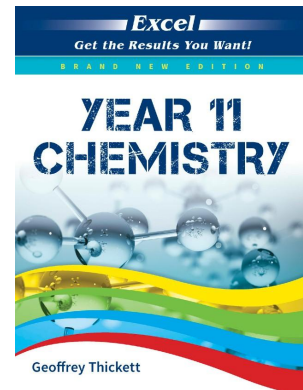
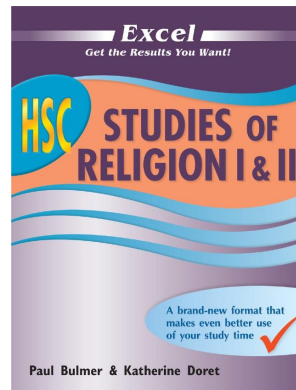
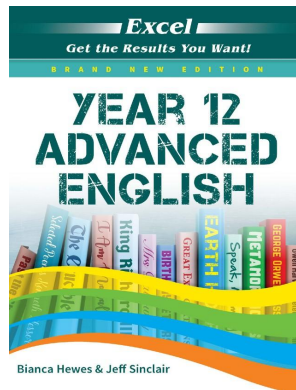
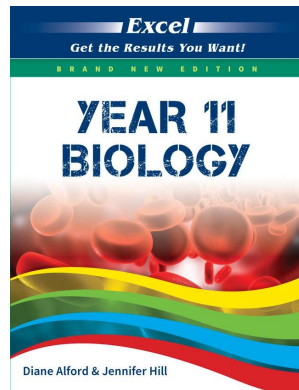
Students

Best Tips for Getting the most
out of Excel HSC Copilot

1

Excel Study Guides

Downloadable PDFs
of expertly written
Excel Study Guides



Hot Tip
Optimal mix of
explanations and
practice questions

2 High-Impact Study Notes

Each subject contains hundreds of concise downloadable notes for efficient study

The Corruption of Power in 1984

The Party's power corrupts absolutely, as evidenced by their manipulation of language, history, and individual consciousness. The Party, through figures like O'Brien, views power as an end in itself, seeking to dominate the minds and bodies of its citizens not for any utopian ideal, but for the pure exhilaration of control. This corruption is epitomised by their reliance on fear, surveillance, and torture to maintain order, ultimately creating a society where individuality is crushed and replaced by unquestioning obedience to Big Brother.

Orwell's Purpose of Highlighting The Corruption of Power

The Intoxication of Absolute Control

Orwell showcases the corrupting nature of absolute power through the Party's relentless pursuit of control over every facet of life in Oceania. The Party, embodied by figures like O'Brien, views power not as a means to an end, but as an end in itself, deriving pleasure from domination and control. This lust for power manifests in their systematic manipulation of language, history, and individual consciousness, as they seek to mold citizens into obedient subjects incapable of dissent or independent thought.

The Perversion of Language and Truth

The Party's corruption is evident in their manipulation of language and history for their own ends. The creation of Newspeak, designed to limit thought by shrinking vocabulary, exemplifies their insidious control over information and their attempt to eradicate unorthodox thinking. By controlling the past, as Winston does at the Ministry of Truth, the Party aims to control the present and future, creating a collective amnesia that solidifies their power and eliminates any possibility of challenge.

Fear as a Tool of Domination

Orwell highlights the Party's use of fear and paranoia as instruments of control. The ever-present telescreens, the omnipresent threat of the Thought Police, and the public spectacle of forced confessions create an atmosphere of perpetual anxiety. This constant fear effectively silences dissent, as citizens are too terrified to express any form of individuality or independent thought.

The Erosion of Humanity

Orwell's depiction of the Party's methods reveals the deeply dehumanising effects of unchecked power. The Party's systematic eradication of love, empathy, and individuality, as seen in their persecution of Winston and Julia's relationship, demonstrates their desire to crush the human spirit. This ultimately creates a society devoid of genuine human connection, where individuals are reduced to mere cogs in the Party's machinery.

Mutation

- explain how a range of mutagens operate, including but not limited to:
 - electromagnetic radiation sources
 - chemicals
 - naturally occurring mutagens

DO YOU KNOW THE DOT POINT?

What is a mutagen and how does it affect DNA?

- A mutagen is an agent that causes changes in DNA sequences.
- Increases mutation rates above natural background levels.
- Can lead to genetic disorders, cancer, or beneficial variation.

How does ultraviolet (UV) radiation cause mutations?

- Forms thymine dimers in DNA strands.
- Distorts DNA structure and interferes with replication.
- Commonly causes skin cancer (e.g. melanoma).

How does ionising radiation (e.g. X-rays, gamma rays) damage DNA?

- Breaks DNA strands directly or generates reactive free radicals.
- Leads to chromosomal abnormalities and gene deletions.
- Increases cancer risk with prolonged exposure.

How do chemical intercalating agents cause mutations?

- Insert between DNA bases, distorting the double helix.
- Cause frameshift mutations during replication.
- Example: ethidium bromide used in molecular biology.

How do base analogues disrupt DNA replication?

- Mimic normal bases but pair incorrectly during replication.
- Introduce point mutations in newly synthesised strands.
- Example: 5-bromouracil replaces thymine.

How do some biological agents act as mutagens?

- Some viruses (e.g. HPV) insert genetic material into host DNA.
- Disrupt gene regulation or cause uncontrolled cell division.
- May lead to cancer (e.g. cervical cancer).

How do metabolic by-products cause mutations?

- Cellular metabolism can produce reactive oxygen species (ROS).
- ROS can damage DNA bases and backbone.
- Antioxidants help neutralise ROS to prevent mutations.

What influences the severity and effect of mutagen exposure?

- Duration and intensity of exposure.
- Cell type (e.g. somatic vs. germline mutations).
- DNA repair mechanisms that correct some damage.

Health Trends in Australia

Understanding national trends

- **Subsiding Prevalence of Chronic Diseases:** Chronic diseases, such as diabetes and heart disease, are increasingly prevalent among Australians.
- **Lifestyle factors:** Including poor diet and physical inactivity, contribute significantly to chronic disease rates.
- **Early detection and management strategies** are crucial for reducing the impact of chronic diseases.

Mental Health Trends

- **Mental health issues,** particularly anxiety and depression, are rising among both adults and adolescents.
- **Increased awareness and reduced stigma** have led to more individuals seeking mental health support.
- **Government initiatives** focus on improving mental health services and access across communities.

Health Inequalities

- **Socioeconomic factors** heavily affect health, with disadvantaged groups facing poorer outcomes.
- **Coastal regions** see lower rates, linked to better facilities and healthier lifestyles.
- **Indigenous Australians** experience higher rates of preventable diseases.
- **Targeted policies and community-based programs** are key to reducing health inequalities.

Mortality patterns

- **Leading Causes of Death:** Cardiovascular diseases remain the leading cause of death, accounting for a significant proportion of fatalities.
- **Cancer,** particularly lung and colorectal cancers, is a major contributor to mortality rates in Australia.
- **Respiratory diseases,** including chronic obstructive pulmonary disease, also significantly impact mortality statistics.

Age-Specific Mortality Trends

- **Infant mortality rates** have declined due to improved healthcare and maternal education initiatives.
- **Older adults** experience higher mortality rates, primarily due to age-related diseases and conditions.
- **Young adults** face mortality risks from accidents and injuries, including road traffic incidents.

Geographic Variations in Mortality

- **Rural and remote areas** have higher mortality rates due to limited healthcare access.
- **Coastal regions** see lower rates, linked to better facilities and healthier lifestyles.
- **Indigenous populations in remote areas** face higher mortality from socio-economic and healthcare gaps.

Morbidity trends

- **Prevalence of Infectious Diseases:** Infectious diseases, such as influenza and hepatitis, continue to pose public health challenges in Australia.
- **Vaccination programs** have significantly reduced the incidence of preventable infectious diseases across the population.
- **Surveillance and rapid response** are essential for managing outbreaks and preventing disease spread.

Impact of Lifestyle-Related Conditions

- **Obesity rates** are rising, contributing to increased morbidity from related conditions like type 2 diabetes.
- **Sedentary lifestyles** and unhealthy eating habits are key factors driving lifestyle-related health issues.
- **Public health campaigns** promote healthier living to combat the growing burden of lifestyle-related diseases.

Mental Health Morbidity

- **Mental health disorders** like anxiety and depression significantly impact national morbidity.
- **Uneven access** to services hinders effective treatment and management.
- **Early intervention and community support** are crucial for reducing their effects.

Hot Tip
Print and highlight

3

Practice Prelim & HSC Exams

HSC Written Responses

2024 2023 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013

2024 - Q21 (a) 3 marks

A manufacturer of flags has seen a steady increase in sales, which coincides with the start of a major sporting event. The operations manager has increased the working hours of all employees to meet this demand.

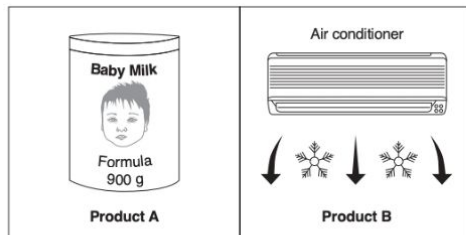
Explain the interdependence between operations and ONE other key business function for this business.



The program contains thousands of past Prelim and HSC Questions

2024 - Q21 (b) 3 marks

A department store is considering the quantity of products they will need to order and store for the following year.



How can each of these TWO products affect inventory management?



Hot Tip

The HSC by Topic section allows you to easily concentrate on questions just from that topic.

4 Plans, Exemplars and Videos

Legal Studies HSC: 2024 Question: 25a Consumers
Analyse the role of state and federal government organisations in responding to the rights of consumers. 25 marks

Possible Plan

Introduction

- Define consumer rights and the importance of government protection.
- Briefly outline the roles of federal and state government organisations.

Federal Government Organisations

- Discuss the role of the Australian Competition and Consumer Commission (ACCC) in enforcing consumer protection laws.
- Explain the Australian Securities and Investments Commission (ASIC) and its role in protecting consumers in financial markets.
- Provide examples of ACCC and ASIC court actions and outcomes.

State Government Organisations

- Explore the role of NSW Fair Trading in handling consumer complaints and enforcing state-specific legislation.
- Highlight collaboration between state and federal bodies.

Legal Framework and Examples

- Mention relevant legislation like the Competition and Consumer Act 2010.
- Discuss significant cases that highlight government intervention.
- Reference international instruments influencing Australian consumer law.

Conclusion

- Summarise the effectiveness of state and federal organisations in safeguarding consumer rights.
- Emphasise the need for ongoing vigilance and adaptation in consumer protection laws.

Marking Criteria

22-25 marks

- Demonstrates extensive understanding of the roles of state and federal government organisations in relation to consumers
- Provides an informed analysis of government responses to the rights of consumers
- Integrates relevant examples such as legislation, cases, media, international instruments and documents
- Presents a sustained, logical and cohesive response to the question using relevant legal terminology and concepts

16-20 marks

- Demonstrates substantial understanding of the roles of state and federal government organisations in relation to consumers
- Provides a sound analysis of government responses to the rights of consumers
- Uses relevant examples such as legislation, cases, media, international instruments and documents
- Presents a logical and cohesive response to the question using relevant legal terminology and concepts

11-15 marks

- Demonstrates an understanding of the roles of state and/or federal government organisations in relation to consumers
- Provides some analysis of government responses to the rights of consumers
- Makes some reference to examples such as legislation, cases, media, international instruments and documents
- Presents a structured response to the question using relevant legal terminology and concepts

Legal Studies HSC: 2024 Question: 25a Consumers
Sample Response 25 marks

Consumer rights are fundamental to ensuring fair, safe, and transparent transactions in the marketplace. These rights encompass protections against unsafe products, misleading conduct, and unfair practices, promoting trust in the market and fostering economic stability. In Australia, both state and federal government organisations play critical roles in upholding consumer rights and ensuring businesses adhere to established legal standards. Their collaborative efforts ensure a robust consumer protection framework, essential for addressing the diverse challenges consumers face in a rapidly evolving marketplace.

At the federal level, the Australian Competition and Consumer Commission (ACCC) is one of the most prominent organisations responsible for enforcing consumer protection laws. Its role is defined under the Australian Consumer Law (ACL), a comprehensive national legislation that provides a unified framework for consumer protections. The ACL covers various aspects of consumer rights, including guarantees for product safety, prevention of misleading and unconscionable conduct, and the enforcement of fair trade practices. The ACCC actively monitors the marketplace, taking enforcement actions against businesses that breach these laws to maintain a fair and competitive market environment. A significant example of its work is the legal action taken against major corporations engaged in deceptive advertising, resulting in fines, corrective measures, and changes to business practices.

The ACCC also plays a critical role in product safety, overseeing national product recalls and ensuring that unsafe goods are removed from the market promptly. Collaborating with manufacturers and state agencies, the ACCC ensures swift and coordinated responses to potential risks, protecting consumers from harm. Its work extends to addressing anti-competitive behaviour, such as price-fixing or market manipulation, which undermines consumer confidence. By addressing these practices, the ACCC promotes a healthy marketplace where consumers can engage with businesses fairly and transparently.

The Australian Securities and Investments Commission (ASIC) is another federal organisation tasked with protecting consumers, particularly within the financial sector. ASIC's responsibilities include regulating financial products and services to ensure they are offered fairly, transparently, and in compliance with the law. Its oversight extends to financial advisors, superannuation funds, insurance providers, and credit markets, ensuring that consumers are safeguarded from unethical or misleading practices. ASIC frequently undertakes enforcement actions against financial institutions that breach consumer rights, often resulting in restitution for affected consumers and systemic reforms within the industry. ASIC's efforts are exemplified in cases where financial advisors provided misleading advice, leading to significant penalties and compensation for customers. These actions highlight ASIC's commitment to maintaining ethical standards in the financial sector and ensuring that consumers are not exploited. Additionally, ASIC collaborates with other federal agencies, such as the ACCC and the Australian Prudential Regulation Authority (APRA), to address broader issues affecting consumer rights, such as systemic misconduct within the banking and financial services industries. This collaborative approach ensures a cohesive regulatory environment, strengthening consumer protections across various sectors.

At the state level, organisations such as NSW Fair Trading are instrumental in addressing consumer complaints and enforcing state-specific legislation. NSW Fair Trading provides consumers with platforms to voice grievances related to issues such as tenancy disputes, product safety concerns, and disputes with businesses over faulty goods or services. By offering mediation services, the organisation facilitates efficient and cost-effective resolutions to conflicts, ensuring that consumers have access to remedies without the need for prolonged legal proceedings. NSW Fair Trading also conducts inspections and investigations to ensure businesses comply with state laws, such as those governing property transactions, motor vehicle repairs, and building contracts.

NSW FAIR TRADING:

- Introduced an online complaint system
- This system allows consumers to stay aware of businesses that may have received numerous complaints



Introductory videos created by Band 6 past students

Hot Tip
Especially useful in lead-up to trials and HSC

Plans for all written response questions

Band 6 exemplar responses

5

Automated Marking

Automated AI marking on written responses.

Able to handle both typed and handwritten responses.

Hot Tip

Be sure to look carefully at the suggestions for improvement.

Question Criteria

Writing Suggestions

Mark

Download Feedback

How useful was this feedback?

Presentation of a sustained, logical and cohesive response

Comment: The response presents a logical and cohesive argument, effectively linking operations strategies to CSR. However, it could benefit from more detailed case study analysis.

To Consider: Enhance cohesion by expanding on case studies with more detailed examples, and ensure a balanced discussion of all CSR aspects in operations strategies.

Demonstrates a comprehensive understanding of how operations strategies affect corporate social responsibility

Comment: The response effectively links operations strategies with CSR, illustrating how strategies like lean production and ethical sourcing directly enhance environmental, social, and economic responsibilities.

To consider: Expanding on the interconnectedness of operations strategies and CSR, with a deeper analysis of how specific strategies enhance or hinder CSR objectives.

Applies relevant case study/studies and contemporary business issues

Comment: The response effectively incorporates case studies of Toyota, Patagonia, and Apple to illustrate how operations strategies align with CSR, addressing contemporary business issues.

To consider: The response could benefit from more detailed analysis and integration of the case studies, such as Toyota and Patagonia, highlighting specific CSR outcomes linked to their operations strategies.

Presents a sustained, logical and cohesive response and communicates clearly using relevant business terminology and concepts

Comment: The response effectively uses business terminology and presents a cohesive argument, demonstrating a clear understanding of how operations strategies influence corporate social responsibility.

To consider: Enhance cohesion by expanding on case studies, integrating more contemporary business issues, and further detailing the link between operations strategies and CSR outcomes.

6

Multiple Choice Practice

2022 – HSC Question 6

Time on Practice Test: 1 min (Target < 40 min)

A local council introduces an alcohol consumption ban along Sydney Harbour for New Year's Eve.

This ban is best described as an example of

- ☐ sedition.
- ☐ an indictable offence.
- ☒ social crime prevention.
- ☐ situational crime prevention.

Correct Answer: D (situational crime prevention.)

Explanation: The alcohol consumption ban along Sydney Harbour for New Year's Eve is an example of situational crime prevention because it aims to reduce the opportunity for crime by altering the environment. By banning alcohol, the council is attempting to prevent potential alcohol-related crimes and disturbances in a specific location and time.

Why the other options are incorrect

- A (sedition): Sedition involves actions or speech inciting people to rebel against the authority of a state. An alcohol ban does not relate to inciting rebellion or resistance against the government.
- B (an indictable offence): An indictable offence is a serious criminal charge that requires a trial by judge and jury. Implementing an alcohol ban is a regulatory measure, not a serious criminal offence.
- C (social crime prevention): Social crime prevention focuses on addressing underlying social issues, such as poverty or education, to prevent crime. The alcohol ban is a direct measure to prevent specific behaviours in a particular situation, not an effort to address broader social issues.

Large collection of multiple choice questions

Automatically marked

Detailed explanations

Hot Tip

Practicing Multiple Choice can be especially beneficial

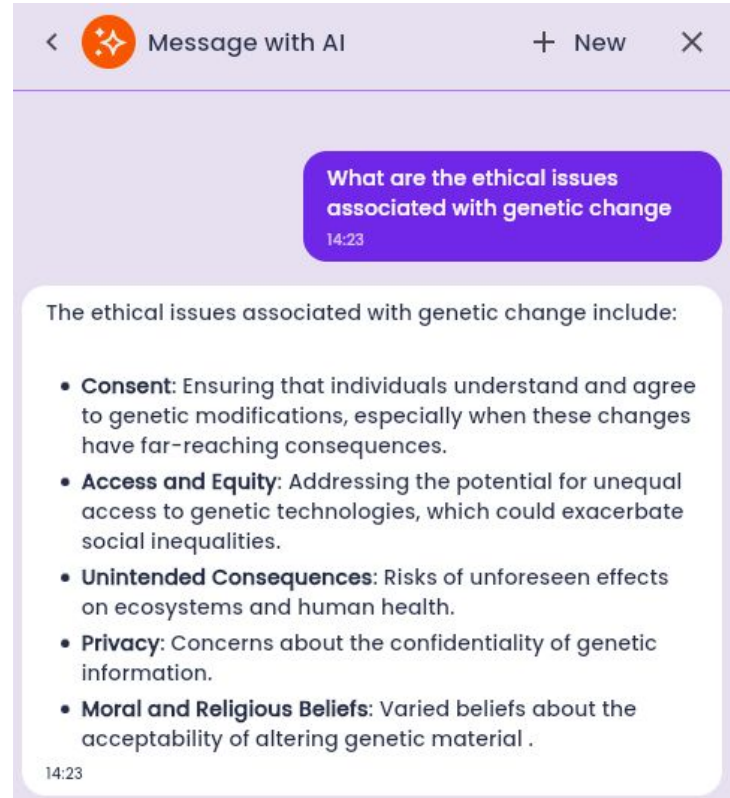
7

AI Tutor

AI Tutor specially trained on the syllabus on the topic.

Hot Tip

Try the conversational AI - it's great!



8

5 min Hotseat



Have a 5 minute critical thinking discussion with AI

Hot Tip

This is one of the most favourite parts of the program. But beware - it's tough!

9

Topic Tests

Timed tests using questions from past exams

Automatically marked

Hot Tip

It's ideal to complete these at the end of studying a topic

← Business Studies: Human Resources Topic Test

Time Remaining: 34:20



1 mark

2018 HSC

An increasing number of employees are seeking a better work-life balance. As a result, many businesses are adopting job sharing.

This is an example of establishing

- ☐ communication systems in response to a social influence.
- ☐ flexible working conditions in response to a social influence.
- ☐ communication systems in response to an economic influence.
- ☐ flexible working conditions in response to an economic influence.

Next Question →







10

Syllabus Dot Points

Breakdown at a syllabus
dot point level

Dot Point Dash Quiz

Link to specific resources

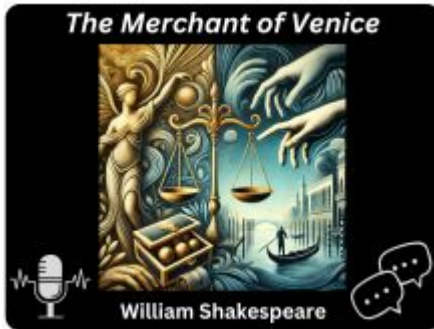
Flash Cards	Study Cards	Concept Maps	Cheat Sheets!	HSC by Topic	Dot Points	Study Guides	Vocab	Media
Human Resources – Syllabus Dot Points								
	Past HSC	Dot Point Dash	Resources					
• strategic role of human resources	SCORE — COMPLETION 0 of 1 question completed	 Take the Quiz						
• interdependence with other key business functions	SCORE — COMPLETION 0 of 1 question completed	 Take the Quiz						
• outsourcing • human resource functions • using contractors – domestic, global	SCORE 100% COMPLETION 1 of 6 questions completed	 Take the Quiz						
• stakeholders – employers, employees, employee	SCORE							

AI
Tutor

Hot Tip

Dot Point Dash is particularly helpful for ensuring you know each syllabus dot point

11 Podcasts



Engaging podcasts helping
bring concepts to life

Hot Tip
Perfect for listening to in
bed or on the train

12

Revision Page

The screenshot displays the HSC Copilot web application interface. At the top, a purple header bar contains the 'HSC Copilot' logo, a notification for a 'Daily Study Points Challenge' achieved by Rila from Glenwood High School, and dropdown menus for 'Y12' and 'Business Studies'. A progress bar shows 'Today's Study Points = 44' and a '6 min Hotseat' timer.

A left-hand sidebar lists navigation options: Home, Business Studies Dashboard, Revision, HSC Multiple Choice, HSC Written Responses, Toughest Ten, Notes Plus, Quickfire Quiz, My Results, My Highlights, Parent Link, Favourites, Latest News, Help and Guides, and Teacher Link.

The main content area features a horizontal menu with tabs: Flash Cards, Study Cards (selected), Concept Maps, Cheat Sheets, HSC by Topic, Dot Points, Study Guides, Vocab, and Media. Below this menu, a 'Legal Framework' study card is displayed. The card has a yellow header and contains text about compliance with the Fair Work Act, anti-discrimination laws, and workplace health and safety regulations. It includes a 'Not sure yet' button and an 'I've got it!' button. Below the card, the section 'Impact of employment laws and regulations' lists three bullet points.

On the right side of the main content area, there is a 'Get It!' button and a grid of 49 small squares, with '4 of 93' indicated at the bottom. An 'AI Tutor' icon is located in the bottom right corner of the main content area.

Revision page enables
easy access to all
content

Hot Tip
Using a laptop or desktop
is highly recommended

The Class of 2025

“Excel HSC Copilot has literally saved my life! It is the easiest tool for study and even class revision, I think it should be implemented into the syllabus as a main source of study!”



Lacey H
Ballina Coast HS

“Great. Really helpful and just amazing.”



**Harriett C
Frensham School**

“So so so so so so so so *slay*”



**Makayla E
Ambarvale HS**

“Excel HSC Copilot has been such an amazing program and helped me prepare for my exams effectively. I really liked the videos made for past paper support as it allows me to engage insightfully through the help of past students who have received Band 6 in the particular subject.”



**Nabeela A
Plumpton HS**

"I have loved everything. Study guides, the 5 min Hotseat, broken down HSC essay questions. It has truly been a game changer for my study for the HSC. So thank you so much <3"



**Clementine C
Kincoppal Rose Bay**

"It's seriously so good to have everything in one place."



Oviya P
Greystanes HS



Teachers

Best Tips for Getting the most
out of Excel HSC Copilot

1

Time Saving Portal

Teacher Portal
provides instant
access to hundreds of
class-ready resources

Hot Tip

Always use a laptop
or desktop

The screenshot displays the Excel HSC Copilot Teacher Portal. The interface features a dark blue sidebar on the left with navigation options: Teaching Resources, Results Feed, Results by Topic, Study Summary, Student Analyser, Class Analyser, AI Magic, and Linked Students. The main content area is titled 'Daily Study Points Challenge achieved by Thomas from Warilla High School - 23 hours ago' and includes dropdown menus for 'Y12' and 'English Advanced'. It also has buttons for 'Teacher Dashboard', 'Sample Student', 'Beam ups', and 'Printables'. The 'Audio' section shows three cards: 'CRITICAL THINKING AI DISCUSSION', 'AI CONVERSATIONAL TUTOR', and 'Billy Elliot'. The 'Slides' section displays a row of six cards for '2019 HSC', '2020 HSC', '2021 HSC', '2022 HSC', '2023 HSC', and '2024 HSC'. The 'Videos' section features a card for 'Billy Elliot' with a description: 'The life of 11-year-old Billy Elliot, a coal miner's son in Northern England, is forever changed one day when he stumbles upon a ballet class ...'.

2 Printables

CHAPTER 1

PROJECTILE MOTION

MOUW QUESTION

How can students find out how long it takes for a projectile to reach a certain height?

The motion of a projectile moving under the influence of gravity can be predicted and analysed by using models that treat the vertical and horizontal components of the motion independently. The horizontal motion is modelled as uniform motion, and the vertical component is modelled as uniformly accelerated rectilinear motion.

1 Understanding projectile motion

- Students analyse the motion of projectiles by treating the motion into horizontal and vertical components, making the following assumptions:
 - a constant vertical acceleration due to gravity $g = 9.8 \text{ m/s}^2$
- A projectile is an object that is moving freely under the influence of gravity (see Figure 1.1).

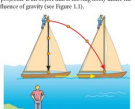


Figure 1.1: A diagram illustrating the motion of a projectile. A ball is launched from the ground at an angle, follows a parabolic path, and lands back on the ground. The horizontal distance is labeled 'horizontal displacement' and the vertical distance is labeled 'vertical displacement'.

Figure 1.2: A diagram illustrating how the path of a projectile is related to its vertical and horizontal displacement. The horizontal and vertical components of the motion are shown as separate vectors. The horizontal component is labeled 'horizontal displacement' and the vertical component is labeled 'vertical displacement'.

Because the horizontal and vertical components of projectile motion are independent, the time of flight of the projectile is determined by the height of the cliff and the local acceleration due to gravity only. The initial horizontal velocity of the projectile has no effect on the time the ball will take to reach the ground. This means that a cannon ball dropped from the top of the cliff would reach the ground at the same time as a cannon ball fired horizontally at a high speed from a cannon at the top of the cliff.


If we neglect air friction, the only force acting on a projectile is the downward force of gravity. The force causes the projectile to accelerate downwards at the rate of acceleration due to gravity. As there is no horizontal force acting on the projectile, the horizontal velocity

Areas and the definite integral

Area under a curve


The area under a curve refers to the area between a curve and the x-axis.

The area under the curve $y = f(x)$ between $x = a$ and $x = b$ is denoted by the function, the x -axis and the given values of the independent variable.



Example 1


Show on a diagram the area under the curve $y = x^2$ between $x = 1$ and $x = 2$.



Example 2


Find the area under the line $y = 3x - 2$ between $x = 2$ and $x = 5$.

When $x = 2$, $y = 3(2) - 2 = 4$
 When $x = 5$, $y = 3(5) - 2 = 13$



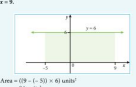
Example 3

Find the exact area under the curve $y = \sqrt{4 - x^2}$.



Example 4

Find the area under the line $y = 6$ between $x = -3$ and $x = 6$.



EXERCISE

- Show on a diagram the area under the curve $y = x^2$ between $x = 1$ and $x = 5$.
- Find the area under $y = 7 - 2x$ between $x = 1$ and $x = 3$.
- Find the exact area under the curve $y = x^2 - 3$ between $x = 2$ and $x = 5$.
- Find the area under the line $y = 8$ between $x = -3$ and $x = 7$.
- Find the area under $y = |x|$ between $x = -2$ and $x = 4$.

Simple vs Sophisticated

All the Light We Cannot See

Marie-Laure listens to the radio for comfort.

Werner loves science and fixing radios.

War destroys lives and families.

The novel has a dual narrative structure.

Marie-Laure is blind but strong.

Werner questions Nazi ideology.

Elene fears the outside world.

The Sea of Flames symbolises fate.

Jutta sees the truth about war.

Saint-Malo is bombed and destroyed.

Marie-Laure clings to stories for hope.

Werner's skills are exploited by the Nazis.

The radio represents both hope and control.

Werner and Jutta bond over radio broadcasts.

Elene overcomes fear to fight oppression.

Marie-Laure's blindness teaches her to 'see' differently.

Marie-Laure finds solace in the radio broadcasts, which provide a refuge from the uncertainties and dangers of wartime France. Werner's passion for scientific discovery and radio technology offers him both intellectual freedom and moral entrapment within the Nazi regime.

Doerr presents war as a devastating force that fractures families, erodes innocence, and leaves lasting psychological scars on its victims.

Doerr's intricate dual narrative intertwines past and present, allowing readers to witness the gradual convergence of Werner and Marie-Laure's fates.

Despite her blindness, Marie-Laure's unwavering resilience and intellectual curiosity enable her to navigate both physical and emotional landscapes of war.

Throughout the novel, Werner grapples with the moral complexities of Nazi ideology, torn between indoctrination and his innate sense of humanity.

Haunted by trauma, Elene initially withdraws from society, yet finds renewed purpose through clandestine radio broadcasts aiding the Resistance.

The Sea of Flames functions as a complex symbol of fate, intertwining superstition, human greed, and the randomness of survival in wartime.

Jutta serves as a moral compass, refusing to be blinded by Nazi propaganda and maintaining a steadfast belief in human decency.

The bombardment of Saint-Malo epitomises war's indiscriminate destruction, reducing historical grandeur to rubble and severing connections between past and present.

In a world defined by war, Marie-Laure's immersion in literature becomes a powerful means of escape, resilience, and intellectual freedom.

Werner's prodigious talent for radio technology is weaponised by the Nazi regime, illustrating the moral ambiguity of scientific advancement during wartime.

Doerr employs the radio as a paradoxical symbol, simultaneously embodying human connection, intellectual freedom, and the insidious spread of Nazi propaganda.

The childhood connection between Werner and Jutta forms the emotional core of the novel, as their shared passion for radio broadcasts fosters intellectual curiosity and serves as an anchor to their innocence.

Elene's transition from isolation to active resistance highlights the transformative power that courage can emerge even from the depths of fear and trauma.

Marie-Laure's reliance on non-visual perception reinforces Doerr's exploration of insight beyond physical sight, emphasising perception shaped by experience, memory, and imagination.

2. Global recognition of injustice within Apartheid South Africa

"Apartheid is a crime against humanity" – UN General Assembly (1966)

- Formalised global condemnation and supported sanctions movement.

Contextual Background

- The quote originated in United Nations General Assembly Resolution 2020 A, passed in 1966, which declared apartheid a crime against humanity.
- This followed two decades of international observation of South Africa's racial policies, including forced removals, disenfranchisement, and systemic brutality.
- The phrase reflects the moral and legal rejection of apartheid by the global community, aligning it with other human rights abuses.
- It marked a turning point in efforts to isolate South Africa diplomatically and economically.

Aftermath and Legacy

- In 1993, the UN adopted the International Convention on the Suppression and Punishment of the Crime of Apartheid, making it part of international criminal law.
- In 2002, the Rome Statute of the International Criminal Court reaffirmed apartheid as a crime against humanity.
- The quote is now widely used in historical, legal, and educational contexts to define apartheid's severity and legacy.
- It continues to inform discussions on justice, accountability, and transitional reconciliation, especially in post-apartheid South Africa.

Significance of the Quote

- The quote provides a framework for apartheid as not merely discriminatory policy but a systemic and violent abuse of human rights.
- It reflects the role of the international community in confronting domestic oppression.
- As a source, it enables students to consider how moral language and legal definitions shape historical interpretation.
- It also highlights the link between international condemnation and the eventual dismantling of apartheid.

HSC Link

- This quote reflects the syllabus point: "The role of the international community in the struggle against apartheid."
- It supports analysis of how global institutions and foreign governments exerted political and moral pressure on the apartheid regime.
- Students can use it to explore the significance of international law, sanctions, and diplomatic pressure to sever ties with South Africa.
- The classification helped define apartheid as not just injustice but legally culpable under international human rights law.

Downloadable PDFs for printing or LMS inclusion

Hot Tip
Printables are the most popular section of the portal

3

Beam ups



Podcasts



Deep Thinking Discussion



Past HSC Slides



ClickView Videos

Hot Tip

The AI Tutor and Critical Thinking discussion require a very quiet classroom

Important

Many of the videos require a ClickView licence

Content will continue to be added throughout 2026

4

Worksheet Generator



Create Your Worksheet

Select the type of content you want to generate for your students

(Y12) Marketing

What will be the focus of the Worksheet?

Syllabus dot points

Generate Ideas

Custom

Syllabus Dot Points:

- ☐ • strategic role of marketing goods and services
- ☐ • interdependence with other key business functions
- ☐ • production, selling, marketing approaches
- ☐ • types of markets – resource, industrial, intermediate, consumer, mass, niche
- ☐ • factors influencing customer choice – psychological, sociocultural, economic, government
- ☐ • consumer laws
 - deceptive and misleading advertising
 - price discrimination
 - implied conditions
 - warranties
- ☐ • ethical – truth, accuracy and good taste in advertising, products that may damage health, engaging in fair competition, sugging
- ☐ • situational analysis – SWOT, product life cycle

Utilise our specially trained AI tools to create your own worksheets.

Generate as a Word or Google Doc.

Hot Tip
Make highly specific to your needs

5

Powerpoint Creator



Slide Generator

Generate slides for your students

(Y12) Operations

What will be the focus of the Slide?

Syllabus dot points

Generate Ideas

Custom

What should the scope of the Ideas be?

Operations associated with QANTAS

Generate

Generated Ideas:

- ☐ Supply Chain Management of QANTAS (Logistics, Procurement, Supplier Relationships)
- ☐ QANTAS Process Design & Technology (Automation, Innovations In Flight Tech)
- ☐ Corporate Social Responsibility In QANTAS Operations (Sustainability, Community Engagement)
- ☐ QANTAS Quality Management Systems (Standards, Customer Satisfaction)
- ☐ Global Operations Strategy of QANTAS (International Expansion, Market Analysis)
- ☐ Risk Management Practices at QANTAS (Crisis Response, Safety Protocols)
- ☐ Operational Efficiency Measures at QANTAS (Cost Reduction, Resource Utilisation)
- ☐ Human Resource Management in QANTAS Operations (Training, Workforce Management)
- ☐ Influence of External Factors on QANTAS Operations (Regulatory, Economic Conditions)

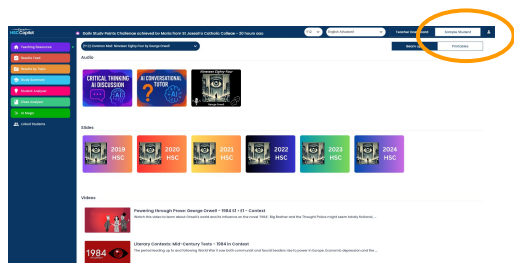
Make editable slides for classroom presentation.

Create as a Powerpoint or Google Slides.

Hot Tip
Use Generate Ideas to add depth

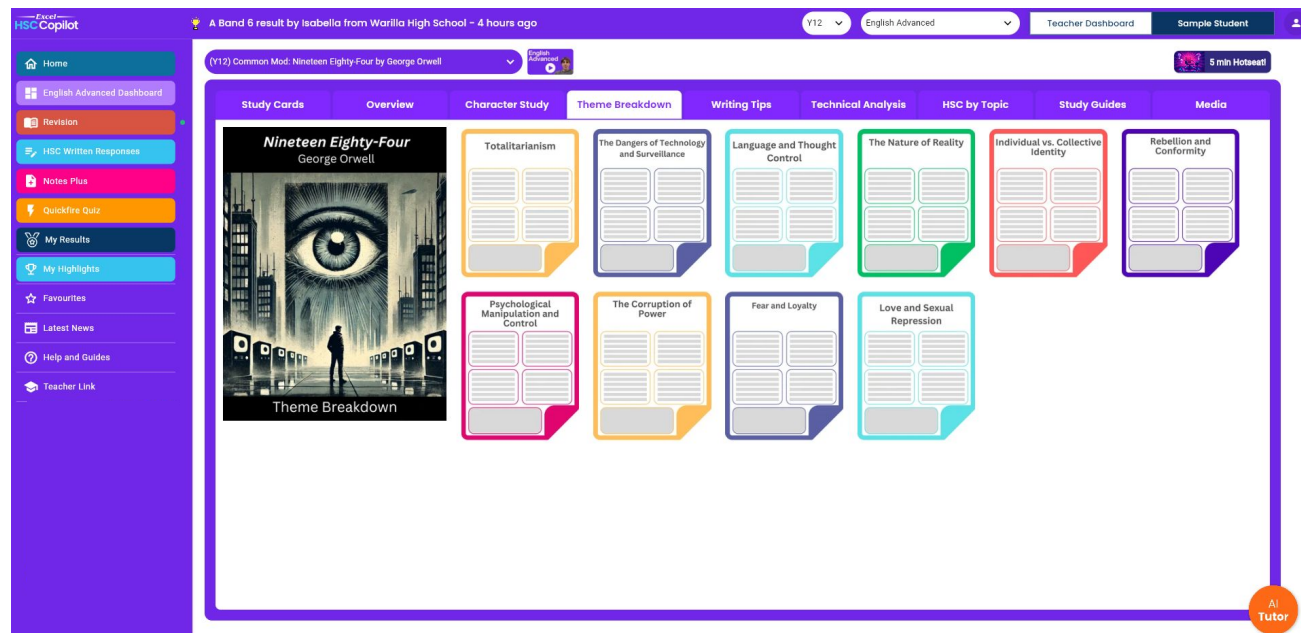
6

View as a Student



Use Sample Student to view the program from a student's perspective

Hot Tip
Try features like 5 min Hostseat and Dot Point Dash



7 Receive Student Data

 Linked Students 

Your Teacher Code

Share this code with your students to let them connect with you

5dz3mn

 Copy

Link with students to receive their learning data on Excel HSC Copilot

Linked Students – English Advanced

Wilson, Alex

Bates, Verity

Hot Tip

Display your teacher code on the whiteboard for easiest student linkage. The whole class can be achieved in less than 2 minutes.

8

Results Feed

Instant syncing of
student practice
questions and
automated feedback

Hot Tip
Great for real-time in
class practice
questions

Alex Wilson		Personal Best	Submitted 7 months ago
2024 - Paper 2 - Q1 b		20 marks	
Prose Fiction and Film - Virginia Woolf, <i>Mrs Dalloway</i> and Stephen Daldry, <i>The Hours</i>			Mark: 19 out of 20 This response insightfully evaluates the intertextual dialogue between the texts, demonstrating a well-informed understanding of context, language, and thematic exploration of mortality.
To what extent has your perspective of the earlier text determined your interpretation and appreciation of the later text?			
In your response, make detailed reference to both of your prescribed texts.			
Alex Wilson			Submitted 7 months ago
2024 - Paper 2 - Q2 b		20 marks	
Prose Fiction - Charles Dickens, <i>Great Expectations</i>			Mark: 14 out of 20 The response offers a clear evaluation of Dickens' themes, demonstrating understanding of literary techniques and character development, though it could benefit from further textual references.
Evaluate how the artistry and integrity of your prescribed text has influenced your understanding of its literary value.			
In your response, make detailed reference to your prescribed text.			
Verity Bates			Submitted 7 months ago
2024 - Paper 2 - Q1 b		20 marks	
Prose Fiction and Film - Virginia Woolf, <i>Mrs Dalloway</i> and Stephen Daldry, <i>The Hours</i>			Mark: 18 out of 20 This response insightfully evaluates how Woolf's "Mrs Dalloway" shapes the interpretation of Daldry's "The Hours," demonstrating a well-informed understanding of context, language, and form.
To what extent has your perspective of the earlier text determined your interpretation and appreciation of the later text?			
In your response, make detailed reference to both of your prescribed texts.			

9

Student Analyser

Wilson, Alex

3 Responses

Avg Length = 705

Avg Mark = 75%



Textual Knowledge



Textual Evidence



Structure & Cohesion



Expression & Academic Writing

Strengths:

1. Incorporates specific textual references and quotes to support analysis, demonstrating familiarity and insight into the text.
2. Effectively connects character actions and dialogue to broader themes, showcasing a comprehensive understanding of thematic concerns.
3. Utilises literary techniques such as Irony, metaphor, and rhetorical questions to enhance analysis, highlighting a nuanced grasp of the text.
4. Organises responses with clear structure and coherence, maintaining focus on complex relationships between human qualities, motivations, and actions.

Possible Improvements:

1. Incorporate more direct quotes and specific scenes to strengthen arguments and enhance the depth of analysis.
2. Expand the introduction and thesis to explicitly connect themes with human qualities, motivations, and actions.
3. Provide a deeper analysis of textual references, explicitly linking them to characters' motivations and actions.

Analyses all of a student's practice questions

Hot Tip
Useful to assist with report comments

Currently only available in English Advanced and English Standard