



Thornleigh
Salesian College

Year 10 IAG

Home



School



Church



Playground





- Who's who
- Key dates
- Curriculum and examinations
- English
- Maths
- Science
- RE
- Expectations & Homework
- Parent Portal
- Work experience



Who's who

Mr Kirk – Deputy Headteacher

Mr Fitzsimons – Deputy Headteacher

Mrs Macrae – Head of Year

Mr Booth – Student Progress Coordinator

rmacrae@thornleigh.bolton.sch.uk

sbooth@thorleigh.bolton.schh.uk

10 A Mrs S Entwistle

10 B Mr D Slack

10 G Mrs N Ryall

10 D Ms H Birtley

10 K Mr J Stocks

10 T Mrs K Sharples

10 S Miss E Duffy

10 O Mrs R Williams



Key Dates:

PPE week – Monday 27th April – Friday 1st May

Parents Evening – Thursday 30th January

Work Experience – Monday 29th June – Friday 3rd July

Full Reports – Tuesday 14th April

English Lit Exams – 13th May and 21st May



Key Stage 4 Curriculum

Core Curriculum

- English Language
- English Literature
- Mathematics
- Science – combined or separate sciences
- Religious Studies

Option Curriculum

- History
- Geography
- Spanish
- Latin
- Computer Science

Option Curriculum

- Art
- Business
- Child Development-BTEC
- Construction-BTEC
- Dance-BTEC
- Food
- Graphics
- ICT BTEC

Option curriculum

- Photography
- Health and Social-BTEC
- Music
- PE
- Product Design
- Sport-BTEC

Assessment

GCSE

- Linear exams mean all assessment takes place at the end of 2 years, with the exception of English Literature for most students.

BTEC

- Portfolio development of assignments contributes to bulk of qualification.
- All courses have an element of external assessment, including an exam. The exam can be at various points in the year.



New GCSE grading structure

New grading structure	Current grading structure
9	A*
8	
7	
6	B
5	
4	
3	D
2	
1	
U	U

GOOD PASS (DfE)
5 and above = top of C and above

AWARDING
4 and above = bottom of C and above





Thornleigh
Salesian College

GCSE English

Home



School



Church



Playground





- In English all students will follow **EDUQAS GCSE English Language and Literature** throughout the 2 years.
- There is only one tier of entry for both qualifications.
- Both qualifications are 100% exam based, and each involves the completion of 2 examination papers.





- Language

Exam one 1hr 45mins / 40%:

- Reading: comprehension tasks (fiction text)
- Writing: One creative writing task.
- **Exam two 2hrs / 60%:**
- Reading: questions on two extracts, one from the 19th century and one from the 21st century.
- Writing: Two transactional/persuasive writing tasks.

Literature

Exam one 2hrs / 40%:

- Section A – Extract question based on Macbeth.
- Section B – Two questions based on poems from an anthology.

Exam two 2hrs 30mins / 60%:

- Section A – Question a drama text
- Section B – Question on a 19th century novel
- Section C – Two questions on unseen poems.



Component 1

40% of the qualification.

- Reading: structured questions based on one prose extract from the 20th century.
- Writing: One narrative writing task from a choice of 4.

Component 2

60% of the qualification

- Reading: Structured questions based on 2 texts, one from the 19th century and one from the 21st century.
- Writing: Two writing tasks. E.g. speech, review, formal letter, report and article. There will be no choice of tasks offered here



**English Literature – Key Date **

Exam Dates - Wed 13th May 2020 and Thurs 21st May 2020 (before half term)





20% of the qualification

- Students need to study all 18 poems in the Anthology.
- Students need to be able to link these poems together thematically.
- Students need to understand about the background to the poems and the poets.
- Students need to quote extensively from all the poems.

WJEC Eduqas GCSE in
ENGLISH LITERATURE

ACCREDITED BY OFQUAL

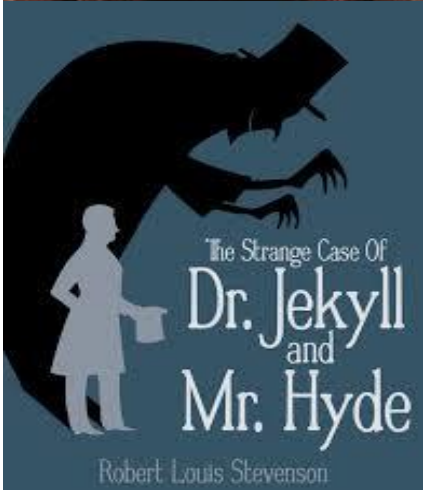
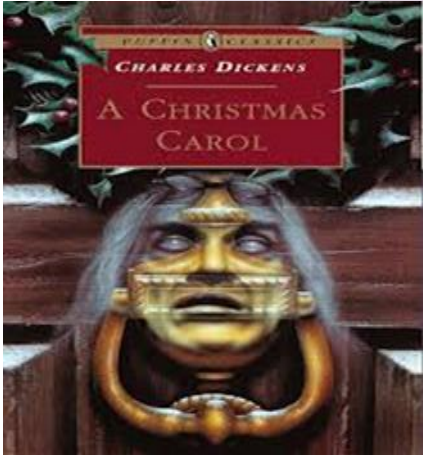
SPECIFICATION

Teaching from 2015
For award from 2017



This Ofqual regulated qualification is not available for candidates in maintained schools and colleges in Wales.





19th Century Novel - 20% of the qualification

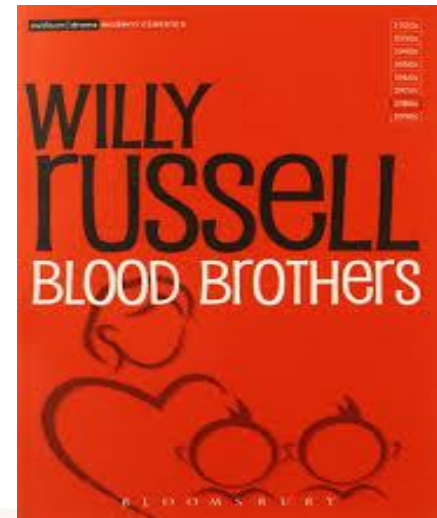
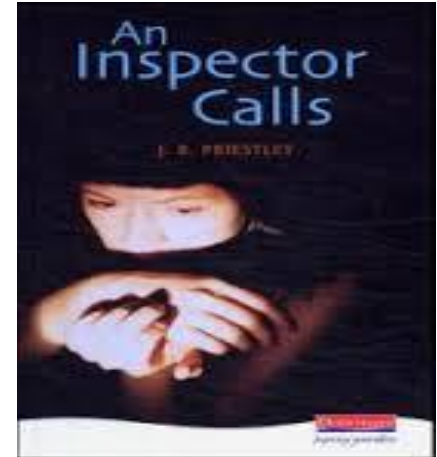
- Students will study either *A Christmas Carol* by Charles Dickens or *The Strange Case of Doctor Jekyll and Mr Hyde* by Robert Louis Stevenson.
- There will be a question based on an extract from the studied text and then students will have to widen out their discussion to the whole text.
- Students will therefore need to be able to quote extensively from this text.

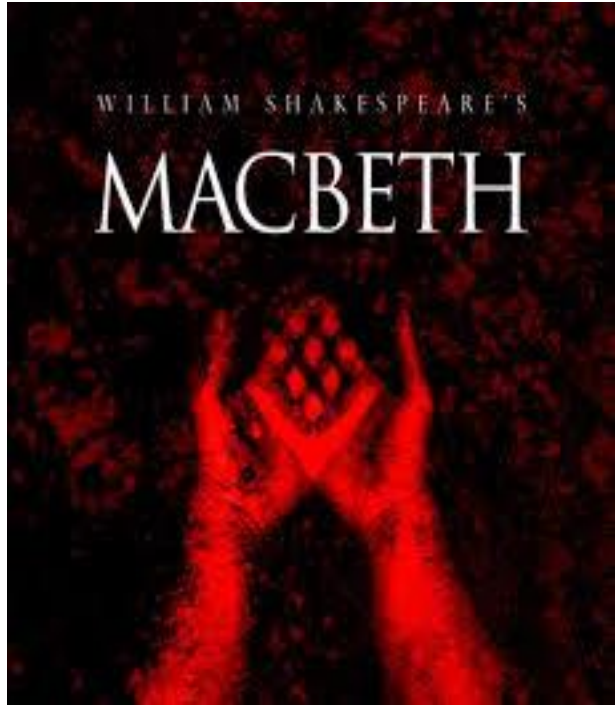




20th Century Play - 20% of the qualification

- Students will study either *An Inspector Calls* by J B Priestly or *Blood Brothers* by Willy Russell.
- There will be a question based on an extract from the studied text and then students will have to widen out their discussion to the whole text.
- Students will therefore need to be able to quote extensively from this text.





Macbeth – 20% of the Qualification.

- All students will study this play.
- There will be an essay based question where students will only analyse the language of the extract and then an essay question which will be plot or character based about the whole play.
- Students will need to be able to quote extensively from this text.





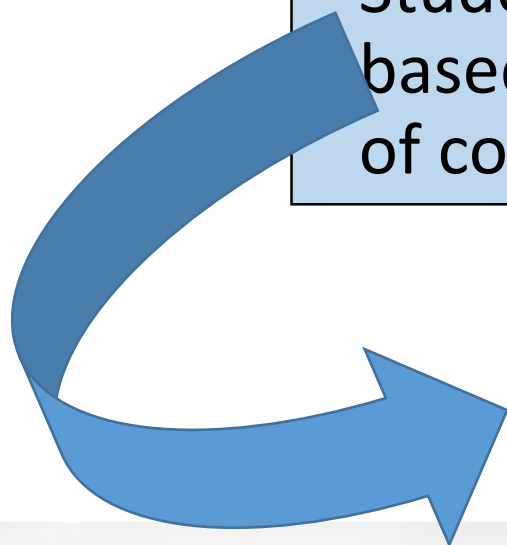
Unseen Poetry– 20% of the Qualification.

- Students will be faced with 2 poems they will never have seen before.
- They will be given a focus and have to analyse one of them.
- They will then have to compare the first poem to the 2nd one.

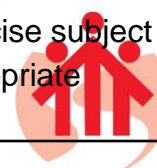


Assessment

- All components studied in half termly blocks.
- All students will complete an exam style assessment every half term.
- We will cover all sample papers and answers.
- Students will receive their mark on an assessment sheet based on the exam mark scheme. Highlighted will be areas of confidence and areas for improvement.



	A01	A02
Band 5 - 29-39	You sustain focus on the task, including understanding the bigger picture. You convey your ideas with consistent coherence and use an appropriate register. You use a sensitive and evaluative approach to the task and analyse the extract and wider text critically; furthermore, you show a perceptive understanding of the extract and wider text, engaging fully, perhaps with some originality in your personal response. Your responses include relevant, direct references from across the extract and wider text, including quotations.	You analyse and appreciate writers' use of language, form and structure. You make assured reference to meanings and effects exploring and evaluating the way meaning and ideas are conveyed through language structure and form. You also use precise subject terminology in an appropriate context.

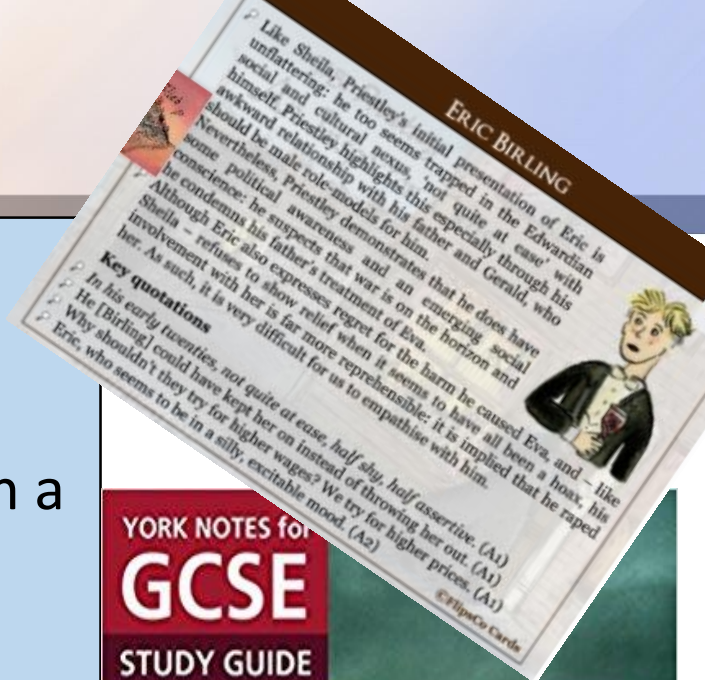




Further support

- All lesson resources and revision materials bespoke for each class will be available on Google Classroom.
- Any CGP publication based on the set texts. These are more colourful and are presented in a more cartoon-style format.
- The York Notes for GCSE series, again on the same texts. These are less colourful but are clearly structured to consider the plot, characters and key themes.
- www.sparknotes.com and www.cliffsnotes.com will contain detailed plot and character notes online for all of our set texts.

WHILST THESE ARE USEFUL, NOTHING IS BETTER THAN ACTUALLY COMPLETING TEST QUESTIONS IN TIMED CONDITIONS.



YORK NOTES FOR
GCSE
STUDY GUIDE
New for GCSE (9-1)

MACBETH

William Shakespeare



Copyrighted Material



Thornleigh
Salesian College

GCSE Maths

Home



School



Church



Playground



Mathematics

Exam Structure



- Three exams at the end of Year 11, one non calculator and two calculator papers
- All exams are out of 80 marks and are 90 mins long
- All three exams will test 5 broad areas of mathematics:
 - Number
 - Algebra
 - Shape and space
 - Data handling
 - Ratio and proportion



Mathematics

Assessment

All examinations have a bigger emphasis on:

- problem solving and application
- interpretation of given information
- criticising given methods of working out
- presentation and layout of work
- using a calculator → recommended that all students have their own scientific calculator (Casio fx-83GT PLUS)





Mathematics

Tier of entry

Higher tier

- Grades 4 to 9
- Much greater demand in terms of content and application

Foundation tier

- Grades 1 to 5
- Much greater demand in terms of basic skills and factual recall



Support

Mathematics

In class

- Regular opportunities for practising factual recall, problem solving and exam technique within lessons
- Bespoke compulsory homeworks with both revision topics and multi-step style questioning
- Quality written feedback on homeworks
- Regular opportunities for peer and self assessment

Online

- Each student has a personal login (provided by their maths teacher) for just maths (video tutorials), the PIXL maths app and Hegarty Maths

Justmaths → www.justmaths.co.uk

PIXL Maths App → www.mathsapp.pixl.org.uk

Hegartymaths → www.hegartymaths.com

Home



School



Church

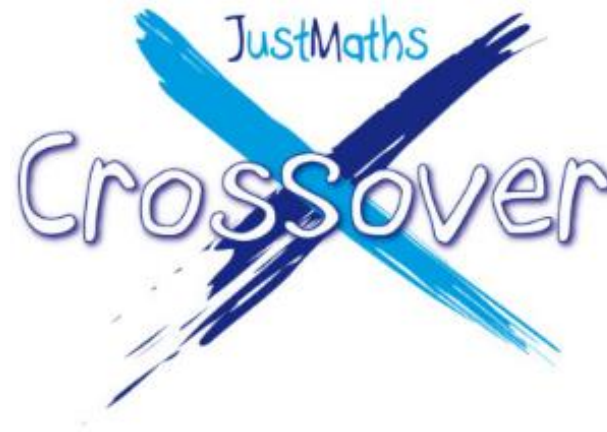


Playground



Maths

Online Resources





Thornleigh
Salesian College

GCSE Science

Home



School



Church



Playground





SCIENCE

Exam board: AQA

Specification: Combined Science (Trilogy)

- *The scheme of learning being delivered will allow for some students to be entered for Combined Science and potentially some students to be entered for Separate Sciences. This decision will not be made until year 11.*

6 exam papers: 2 Biology, 2 Chemistry, 2 Physics

- Combined Science – each paper is 1 hour 15 mins, 70 marks per paper
- Separate Sciences – each paper is 1 hour 45 mins, 100 marks per paper

Tiering

- Higher Tier and Foundation Tier are available
- Higher Tier awards grades 9:9 - 4:3 (standard demand → high demand)
- Foundation Tier awards grades 5:5 - 1:1 (low demand → standard demand)



SCIENCE

TOPICS TAUGHT IN YEAR 9

Biology: Cells and cell transport, Bioenergetics, Infection and response

Chemistry: Atomic structure and the periodic table, Bonding and structures, chemical changes and electrolysis

Physics: Waves, Atomic structure, Particle model, Forces

TOPICS TAUGHT IN YEAR 10

Biology: Homeostasis, Principles of organisation, Bioenergetics, Variation and evolution

Chemistry: Energy changes, Rate and extent of chemical change, Organic chemistry, Chemical analysis, Chemistry of the atmosphere

Physics: Electricity, Energy, Magnetism and electromagnetism





SCIENCE

SKILLS:

- **Mathematical skills**
- **Scientific literacy skills** (Question types include: Multiple choice, structured, closed short answer and extended response.)
- **Required practicals** (21 in Combined Science, 28 in Separate Science)
- **Factual recall ***** (Up to 23 Physics equations to recall and apply)
- Application
- Analysis and evaluation





Thornleigh
Salesian College

SAM Learning



CONTACT

SAM Learning

BLITS	Can't log in?
User ID	
Password	Sign in ▶

TARGETED INTERVENTION

DISCOVER SAM

[REQUEST A DEMO](#)

BLOG

ABOUT US

New Targeted Intervention framework to drive school improvement

Tools such as 4Matrix, SISRA and FFT identify target groups. We take over where these tools leave off, providing your school with:

- ✓ Evidence of school-wide strategies e.g. for Ofsted
- ✓ 30-day money-back guarantee
- ✓ Proven impact on GCSE grades by FFT
- ✓ Integrated award-winning content
- ✓ 13-week staff-certification

Features and benefits

6 MONTHS FREE FOR ALL
NEW SUBSCRIBERS & REACTIVATIONS

Request a 15-min demo

Centre ID: **BLITS**

User ID: **Date of Birth followed by initials eg. 190401sr**

Password: **Date of Birth followed by initials eg. 190401sr**





SAM Learning

Forces, Work and Power +


FORCES, WORK AND POWER

Building a brick wall requires skill, time and energy.

Energy is needed because each brick has to be lifted up against the pull of → The amount of energy used is called the → done.

Energy and work are therefore very similar and, in fact, are both measured in the same units, called →

The man below uses his stored → energy to lift the brick. The energy changes to gravitational → energy once the brick is fixed in the wall.



Marks: 0/27

Screens: 1/10

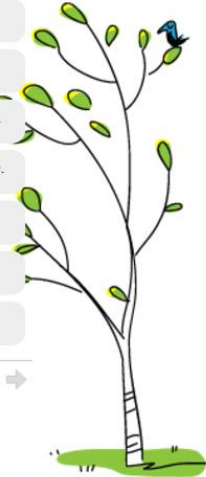

BACK

NEXT

Photosynthesis +

PHOTOSYNTHESIS

Which of the statements on the left are true?



- ☐ Photosynthesis occurs in green algae.
- ☐ Respiration occurs only in green plants.
- ☐ Photosynthesis occurs in all plants.
- ☐ Photosynthesis requires an energy input.
- ☐ Photosynthesis produces carbon dioxide.
- ☐ Photosynthesis releases energy.
- ☐ Respiration occurs in all plants.
- ☐ Photosynthesis occurs in green plants.

Marks: 0/32

Screens: 1/10

BACK

NEXT

Nanoparticles

NANOPARTICLES

Nano science is the study of extremely particles.

Atoms and molecules are particles.

A nanometre is a thousand million times smaller than a .

e.g. 1nm = 0.000000001m.

One nanometre is a billionth of a metre, or a millionth of a millimetre.

The nano-size range is from 1 to nm.

A human hair is about 80,000 nm wide! So these nano-particles **are** very small indeed!

(Box 1) **small / large / huge**

(Box 2) **large-sized / nano-sized / small-sized**

(Box 3) **centimetre, / metre, / millimetre,**

(Box 4) **0 / 100 / 10**

Marks: 0/44

Screens: 1/10

BACK

NEXT



OTHER USEFUL LINKS

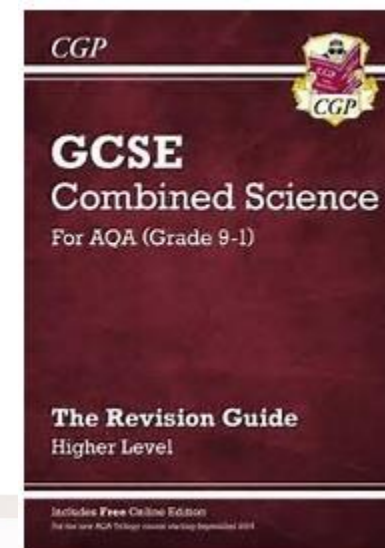
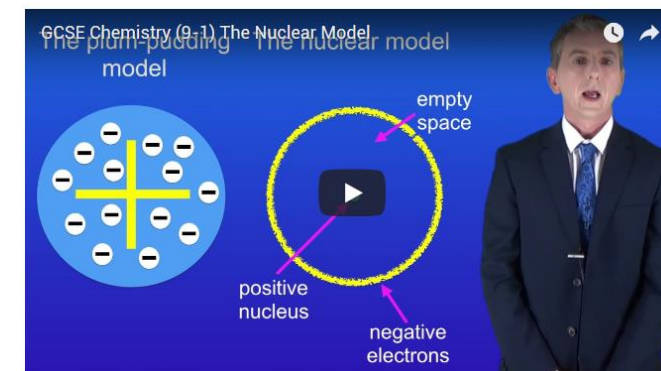
www.freesciencelessons.co.uk

www.senecalearning.co.uk

www.primrosekitten.com

Revision guides £6

Students require a **calculator** in Science





Thornleigh
Salesian College

GCSE Religious Studies

Home



School



Church



Playground





Thornleigh
Salesian College

Edexcel
Success through qualifications

RELIGIOUS
EDUCATION

Home

School

Church

Playground





GCSE Specification A: Full course overview

edexcel 

Paper 1 – Study of Religion (50%)

- Choose 1 religion from Christianity, Catholic Christianity or Islam
- Content - Beliefs and teachings, Practices, Sources of Wisdom & Authority and Forms of expression and ways of Life
- Assessment - Exam (1hour 45mins) **118 marks**

Paper 2 - Second Religion (25%)

- Choose from Christianity, Catholic Christianity, Islam, Buddhism, Hinduism, Judaism, Sikhism, must be different from primary religion

*students can not study Christianity and Catholic Christianity together

- Content - Beliefs and teachings, Practices
- Assessment - Exam (50mins) **59 marks**

EITHER:

Philosophy and Ethics (25%)

- Same as primary religion
- Content - Existence of God, Marriage and the family
- Assessment - Exam (50mins)
- **59 marks**

Paper 1- 1 hour 45 min
Paper 2- (50mins)
Paper 3- (50mins)



Beliefs and Teachings	Practices	Wisdom and Authority	Forms of Expression and Ways of Life
<ol style="list-style-type: none"> 1. Trinity – revealed in the Bible and by the Church. 2. Creation Story – Catholic/Humanist responses 3. The Incarnation of Jesus and its significance 4. Easter and its significance 5. Catholics beliefs about Life after Death 	<ol style="list-style-type: none"> 1. 7 Sacraments 2. The Mass 3. Funerals 4. Prayer 5. Non-liturgical worship – Rosary, Adoration of the Blessed Sacrament, Stations of the Cross 6. Pilgrimage – references to Jerusalem, Lourdes, Rome and Walsingham 7. Catholics Social Teaching – justice 8. CAFOD 9. Modern Evangelism 	<ol style="list-style-type: none"> 1. The Bible 2. Interpretation of the Bible 3. The Magesterium and the Pope 4. Vatican II 5. Church as the Body of Christ 6. Four marks of the Church – one, holy, catholic, apostolic 7. Role of Mary 8. Sources of authority in moral decision making 	<ol style="list-style-type: none"> 1. Catholic Church architecture 2. Interior of Catholic Churches 3. Sacred Objects 4. Paintings, Frescos and Drawings 5. Sculpture and Statues 6. Christians symbolism 7. Drama 8. Music



Assessment

3 marks – AO1 – Outline (3 simple sentences)

4 marks – AO1 – Explain (two developed reasons)

5 marks – AO1 – Explain (two developed reasons and source of wisdom/authority cited)

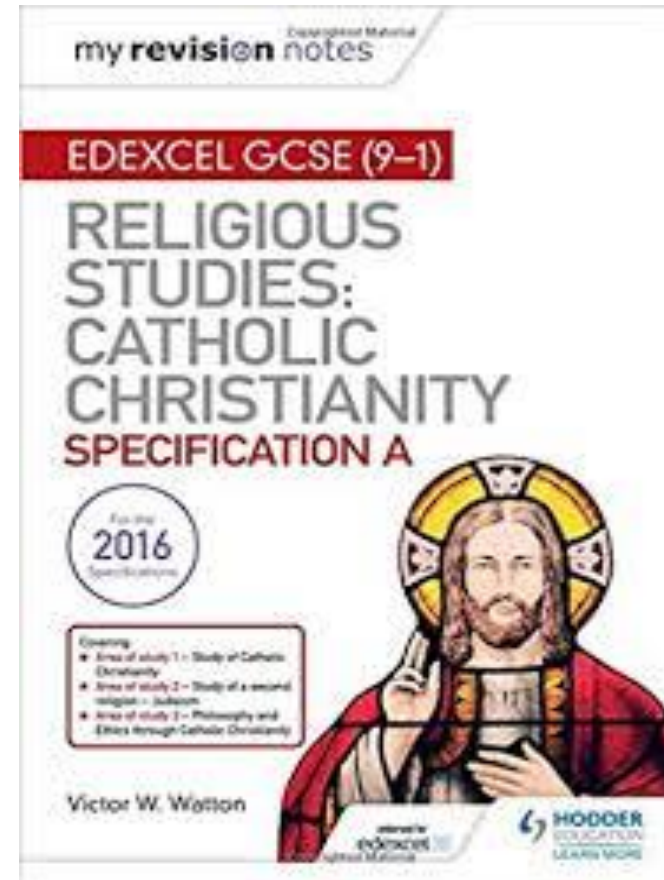
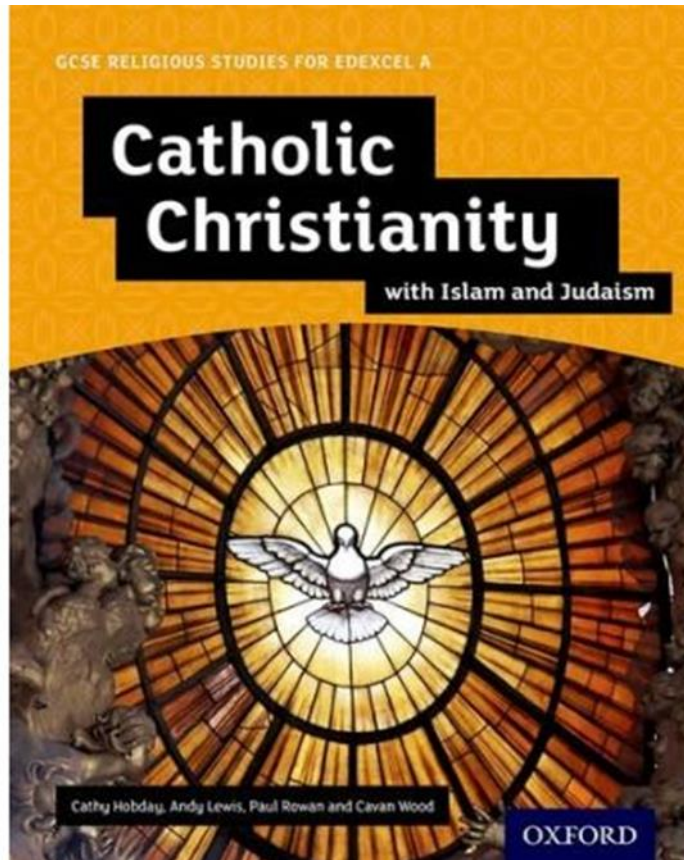
12 marks – AO2 – Evaluation (6 reasons and conclusion needed).

SPAG – 3 additional marks on part D for Sections 1 and 3.





Thornleigh
Salesian College



Home

School

Church

Playground

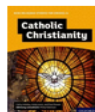




Beliefs and Teachings

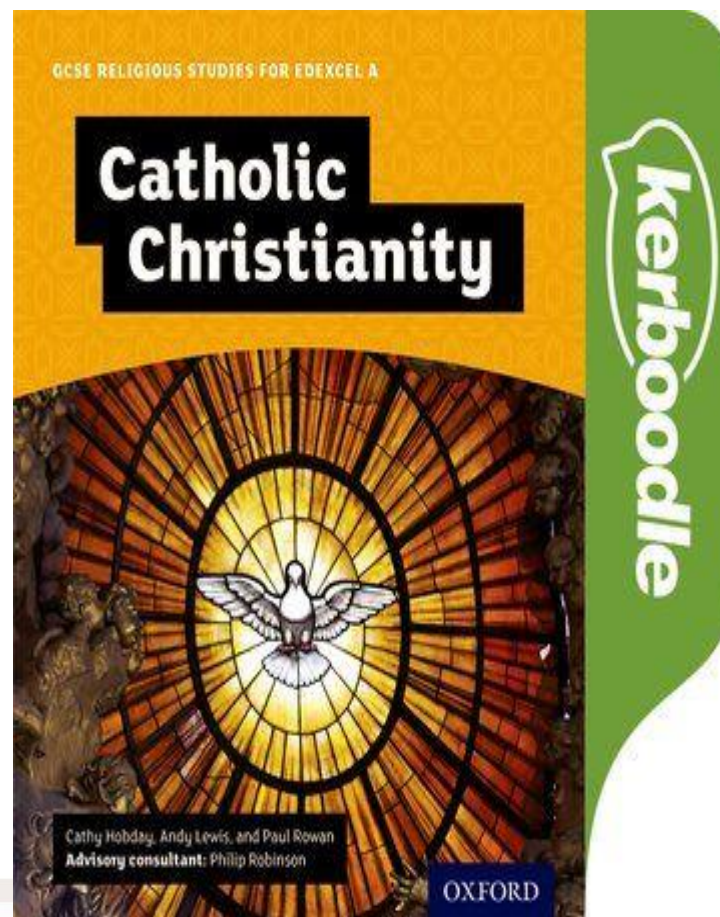
Learning Checklist

Key
Red – no understanding Amber – some understanding Green – good understanding



Content Covered	RED 	AMBER 	GREEN
1.1 The Trinity: the nature and significance of the Trinity as expressed in the Nicene Creed; the nature and significance of the oneness of God; the nature and significance of each of the Persons individually: God as the Father, Son and Holy Spirit; how this is reflected in worship and belief in the life of a Catholic today.			
1.2 Biblical understandings of God as a Trinity of Persons: the nature and significance of God as a Trinity of Persons, including reference to the baptism of Jesus (Matthew 3:13–17) and historical development of the doctrine of the Trinity, including reference to the First Council of Nicaea and the First Council of Constantinople.			
1.3 Creation: the nature and significance of the biblical account of Creation, including Genesis 1–3; and how it may be understood in divergent ways in Christianity, including reference to literal and metaphorical interpretations; the significance of the Creation account for Catholics in understanding the nature and characteristics of God, especially as Creator, benevolent, omnipotent and eternal.			
1.4 The significance of the Creation account in understanding the nature of humanity: the nature and significance of the nature of humanity being created in the image of God, including reference to Genesis 1–3 and divergent understandings of humanity's relationship with Creation (dominion and stewardship); the implications of these beliefs for Catholics today.			
1.5 The Incarnation: Jesus as incarnate Son, the divine Word, including John 1, both fully God and fully human; the scriptural origins of this belief, including John 1:1–18 and its importance for Catholics today.			
1.6 The events in the Paschal Mystery: Catholic teachings about the life, death, resurrection and ascension of Jesus, including reference to Luke 24; the redemptive efficacy of these events and their significance for Catholics today.			
1.7 The significance of the life, death, resurrection and ascension of Jesus for Catholic beliefs about salvation and grace, including John 3:10–21 and Acts 4:8–12; the implications and significance of these events for Catholic practice today.			
1.8* Catholic beliefs about eschatology: life after death; the nature of resurrection, judgment, heaven, hell and purgatory, including reference to John 11:17–27 and 2 Corinthians 5:1–10; divergent Christian beliefs about life after death, with reference to purgatory and the nature of resurrection; why belief in life after death is important for Catholics today.			

QUOTES FOR YOUR EXAM CHRISTIANITY "Thou shall not kill" (Exodus 20), "Love thy neighbour" (Luke 10), "God



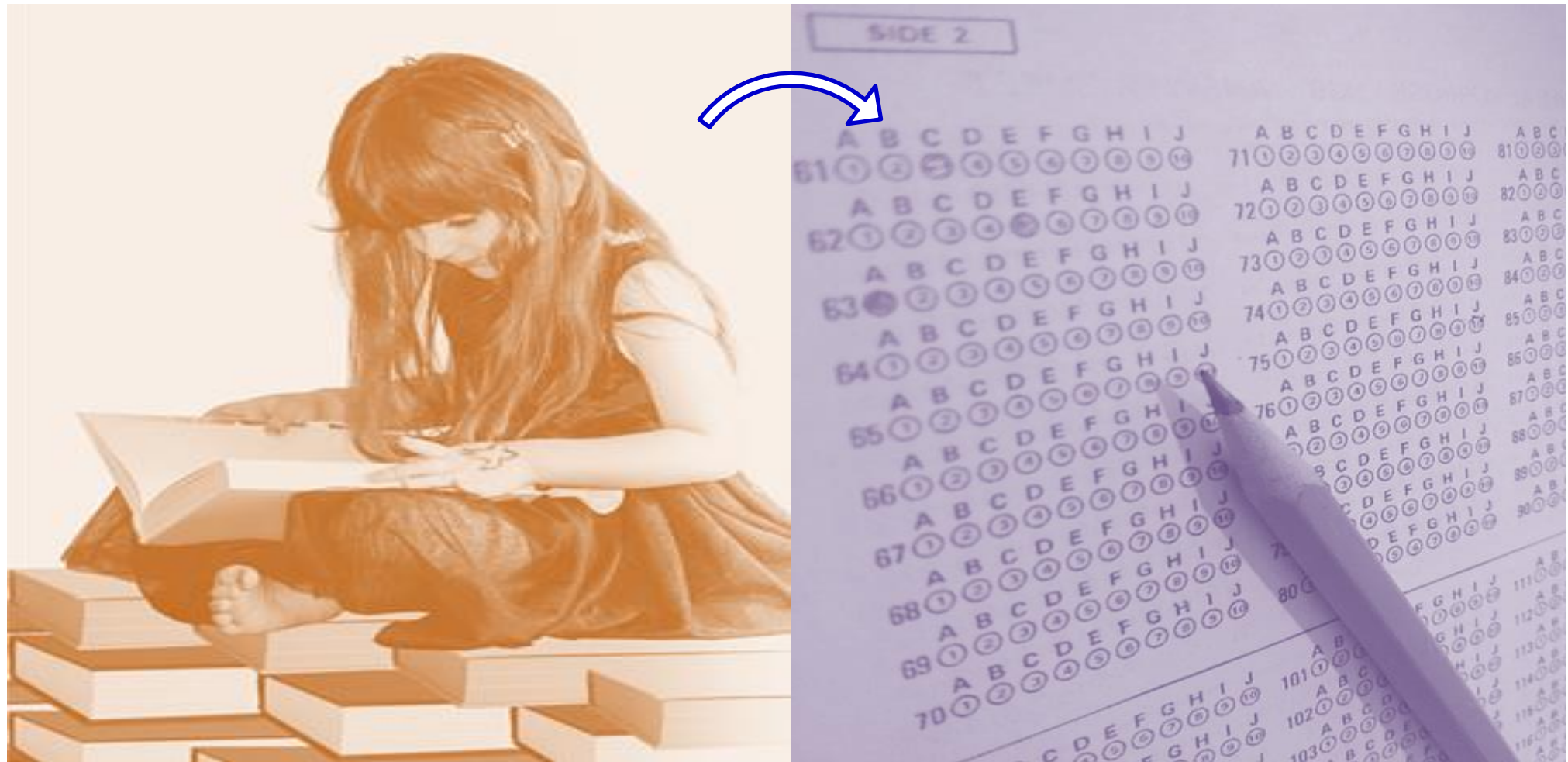


SENECA

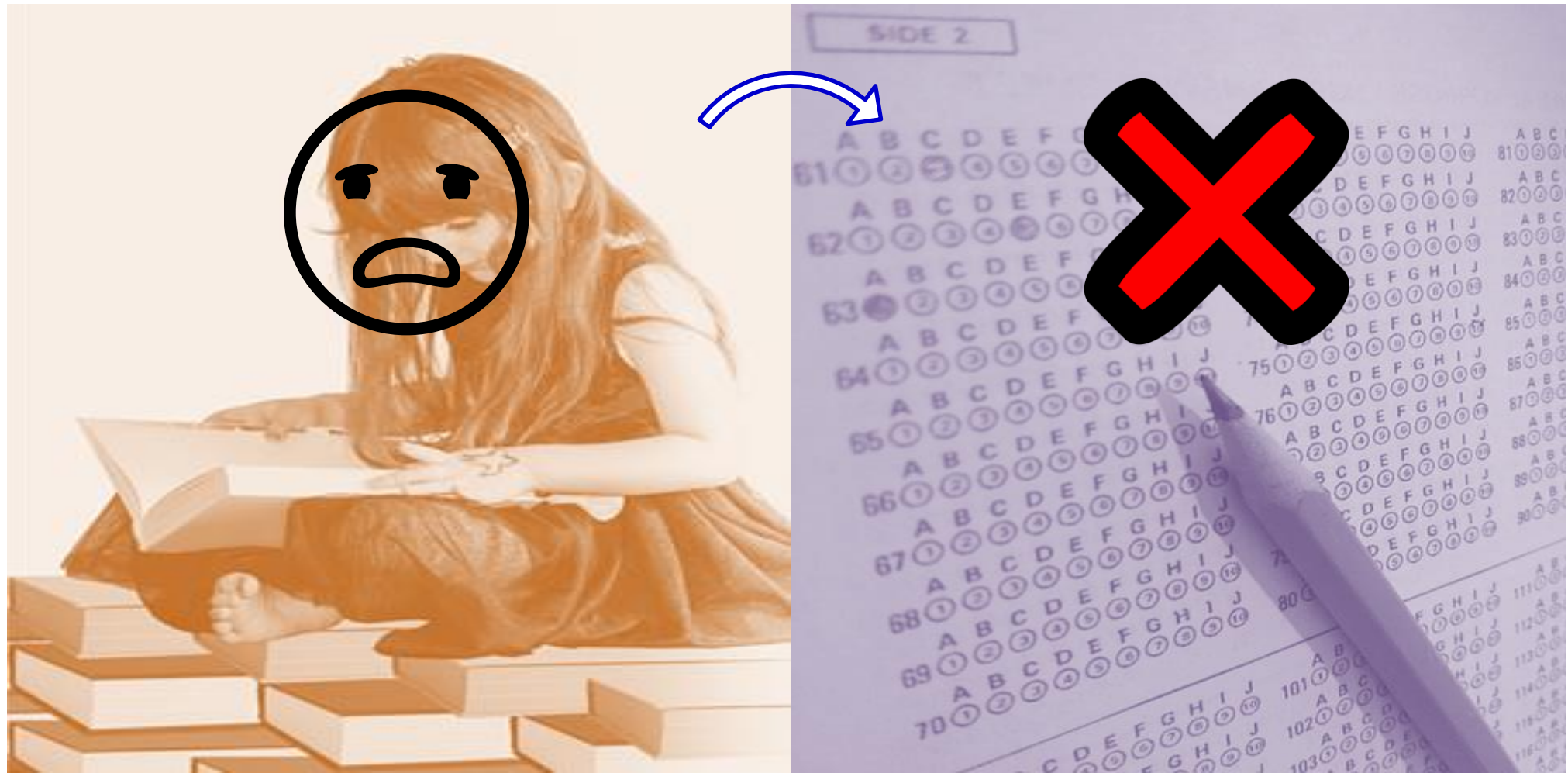
Learn better, faster, free.

What is memory?



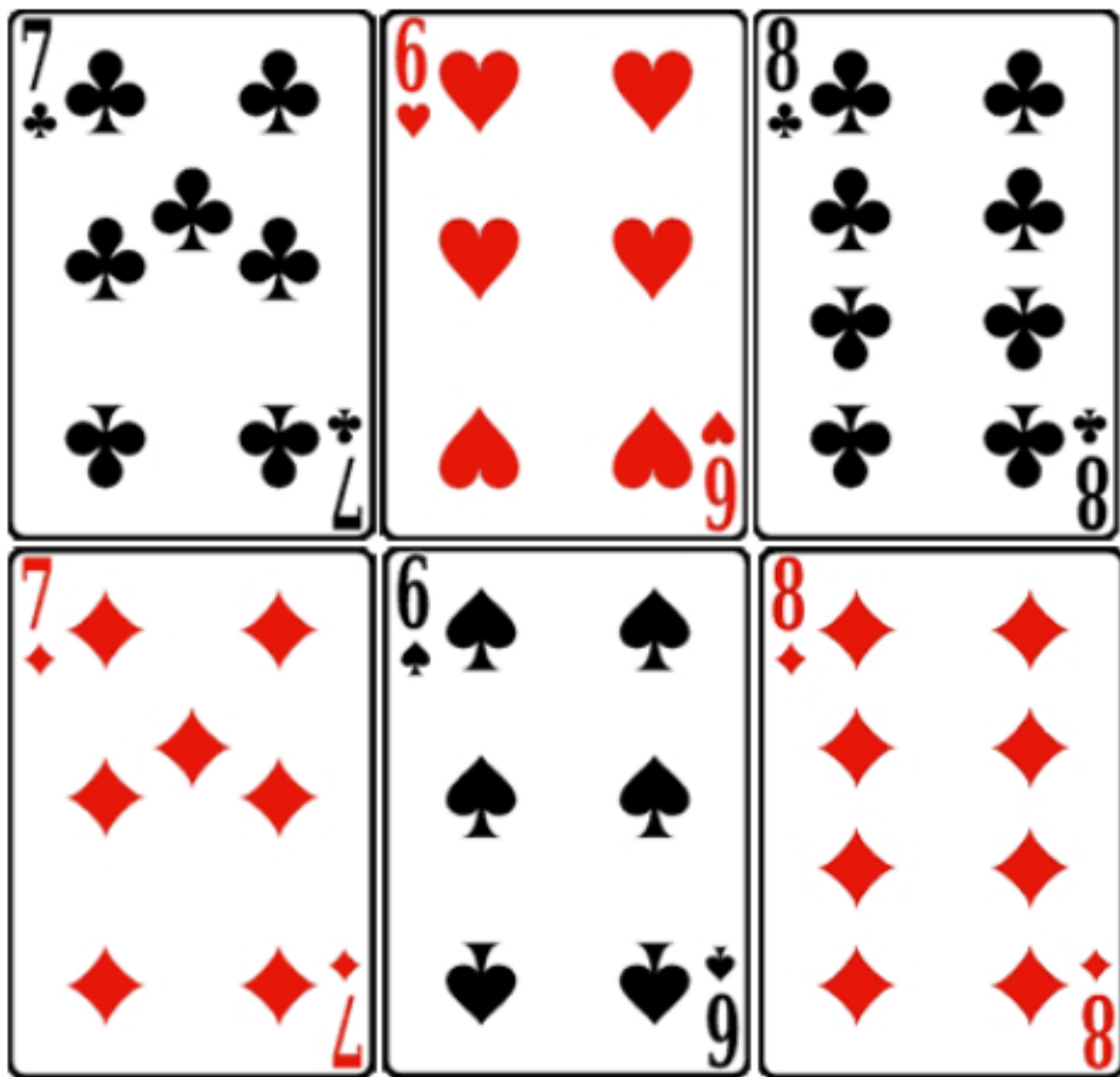


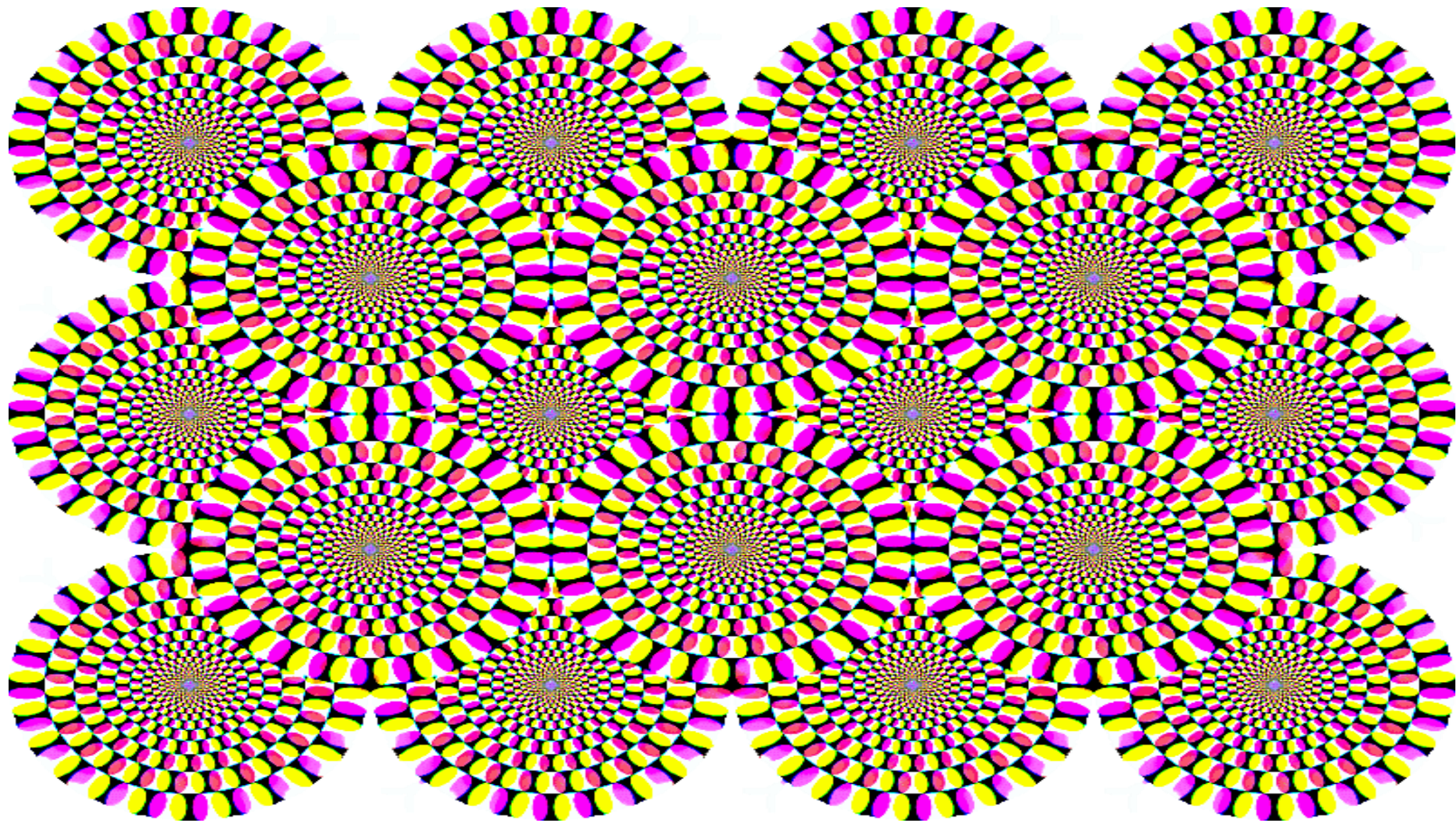
1. Taking in information from the world
2. Processing and storing it in our brain
3. Retrieving that information to solve a problem

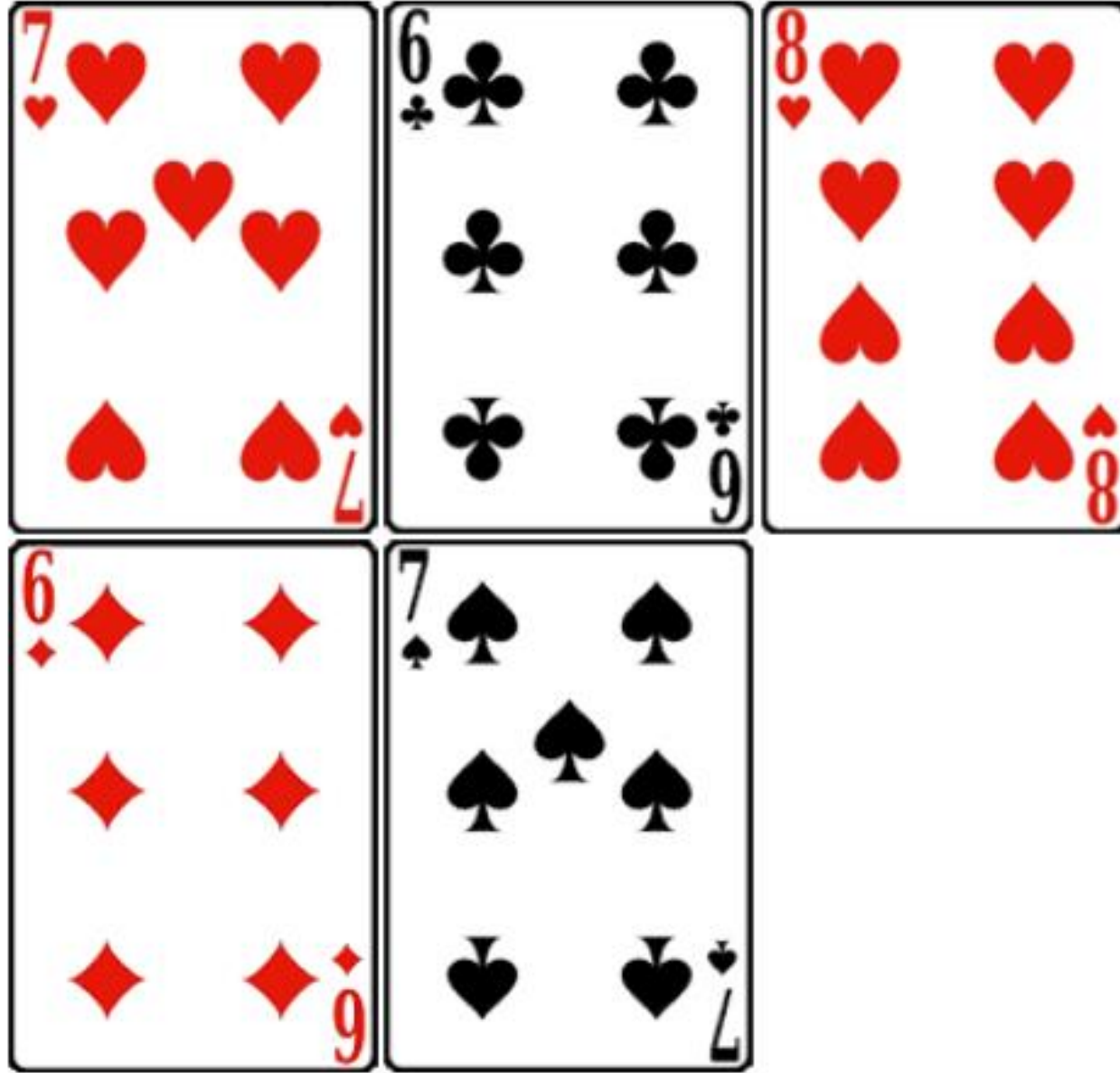


1. What did you have for dinner 2 weeks ago?
2. How many steps from the house door to your bedroom?
3. How many colleagues with blue eyes in your Chem class?









Awesome!

Now...

Can I have your attention again, please?

Can we make our memory stronger?

YES!



Which of these do you usually do when revising?

Follow a timetable

Read notes

Test yourself

Highlight textbook

Use visual elements

Write summaries

This is what Neuroscience says...

2

Follow a timetable

5

Read notes

1

Test yourself

6

Highlight textbook

3

Use visual elements

4

Write summaries

#1 Test yourself

Actively bring information to mind instead of passively absorbing it



#2 Follow a revision timetable

Revise in small sessions spread out over time

Switch between topics every now and then

Do not cram



#3 Add visual elements

This makes notes easier to understand and remember



Summary

#1 - Test yourself

- Past papers, colleagues, flashcards, ...

#2 - Follow a revision timetable

- Do not cram, spread out, switch topics

#3 - Add visual elements


- Timelines, diagrams, mindmaps, ...


#4 - Try Seneca Learning!

www.senecalearning.com

Your Courses Add Course


Search for a course...

Filters  Clear all(1)


Type 

- ☒ Free (300)
- ☐ Diagnostic Misconceptions (10)
- ☐ Vocabulary (1)
- ☐ Premium Free Trial (1)
- ☐ HyperLearning (210)
- ☐ Predicted Papers (78)
- ☐ HyperFlashcards (98)
- ☐ Hardest Questions (50)


Level >




Combined Science Chemistry: OCR Gateway (A) GCSE Foundation




Geography: Eduqas A GCSE




History: OCR A A Level England, 1485–1558: the Early Tudors



English Lit: Edexcel GCSE Frankenstein



English Lit: Edexcel GCSE Much Ado About Nothing



English Lit: Eduqas GCSE Much Ado About Nothing




[Your Courses](#)[Add Course](#)[Archive Courses](#)


Religious Studies A: AQA GCSE Religions



Religious Studies A: Edexcel GCSE Religions







Religious Studies A: Edexcel GCSE Religions

▼ 1 Catholic Christianity

> 1.1 Beliefs & Teachings

> 1.2 Practices

> 1.3 Sources of Wisdom ...


> 1.4 Forms of Expression ...

New

Monotheism and the Trinity

1 / 2

Christians believe there is only one God (monotheism) but that he has revealed himself as three people (the Trinity).



The Trinity

- God is believed to have revealed himself as three persons (the Trinity):
 - God the Father is also often called the Creator.
 - God the Son took human form as Jesus, who is divine and human.
 - God the Holy Spirit inspired the apostles at Pentecost and is believed to be the active presence of God in the world today, in the Church and in individual persons.

Feedback?

Typing speed: OFF

1 / 1

For some Christians, belief in the **Trinity** is confusing because it appears to contradict belief in one God.

0 / 1

Many people argue that if there were many gods then God could not be:

Everlasting

All-powerful

All-loving

All-knowing

Feedback?

#ExtraTip Seneca Learning

Free

Uses all the previous techniques

More than 1.7 million students already using it

Adaptive and intelligent

All GCSE subjects and Exam Boards



SenecaLearn



SenecaLearning

www.senecalearning.com



Thornleigh
Salesian College

Expectations & Homework

Home



School



Church



Playground





What do we know?

The next 5 terms are going to be hard work

The amount of independent work that students need to do will be challenging

The amount that they need to retain is significant

It cannot possibly be learnt in the few weeks before the GCSE exams in May





How do students do this?

- Make sure all work is up to date and complete
- Make sure that revision notes and summaries are being created throughout the course
- Make sure that they are following the advice of their teachers when they are given work to do post any tests or assessments
- Engage with online revision apps such as Pixl Apps and Sam Learning that you have seen tonight
- There is never a time when there is NO HOMEWORK!





Study Support

- There will be support throughout the GCSE course in helping students with how to revise
- Some of this will be in lessons, some will be through the tutorial programme
- If students need to stay after school to work then this facility is available on a Wednesday until 4.15pm – this needs to be arranged with Mr Booth.
- If a student does not complete homework then they will be placed in an after school detention on a Friday





Pre-Public Exams

- The name of these is important
- The data that we get from them is even more important
- Thorough preparation for them is essential
- Timetables and preparation booklets will go out before to support students
- They will take place week beginning 27th April





School Gateway

- Ability to view timetables
- Achievement points
- Reports in the future
- **Attendance:** Respond to attendance enquiries
- On the app: Send direct messages to the school/receive messages back





School Gateway 3 Step Set-Up

1. Download the school Gateway App from either the App Store or Google Play

Alternatively access via the website

<https://login.schoolgateway.com>

2. Register with the same email address and mobile number that you have provided school with – please note if two parents share an email address only one can register for the school gateway

3. Once registered you will receive a 4 digit PIN to your mobile that you will need to first log in



EXISTING USER

NEW USER

Please enter the email address and mobile number that your school(s) contact you on and press the 'Send PIN' button. You will then be sent a new PIN number by text message.

EMAIL ADDRESS



MOBILE

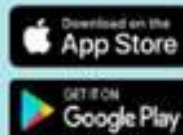


SEND PIN



GET THE SCHOOL GATEWAY APP

Stay fully connected to your child's life at school, wherever you are. Download from your app store.



Are you a school that would like to use School Gateway?

FIND OUT MORE



USED BY OVER 3,000 SCHOOLS AND 2,000,000 PARENTS ACROSS THE UK



Thornleigh
Salesian College

Work Experience

Home



School



Church



Playground





- Work Experience will take place Monday 29th June – Friday 3rd July
- Letters have already gone home
- Placements need to be confirmed before Christmas
- Any questions or queries can be answered tonight by Tracy Gardiner– she is based in the main reception

