



TRINITY CATHOLIC HIGH SCHOOL | 2023 – 2024

YEAR 9 LEARNING JOURNEYS

Our 'Learning Journeys' provide an outline, for all of our stakeholders, of the diverse range of knowledge rich and challenging subject topics that students can enjoy during their first year at Trinity Catholic High School. We developed these 'journeys' to make explicit the range of academic opportunities on offer for our students to grow, develop and learn. We want our students to develop their academic skills and experiences to ultimately lead successful and fulfilling adult lives, as well as being able to realise their dreams and ambitions.

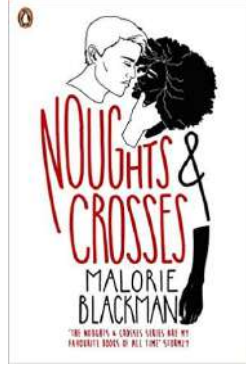
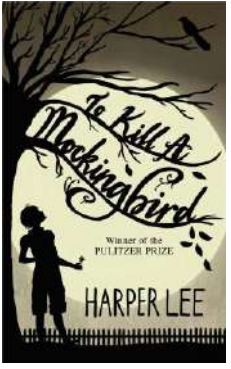


Learning journeys are important documents that demonstrate to students and parents the units of study that students will undertake during Year 9 – these documents have been given to students and are visible in exercise books. We feel it is vitally important for students to know what they are studying; learning journeys foster discussions in lessons as to 'why' these topics are being taught and furthermore, these documents allow students to see how units of study overlap not only within the subject domain but also across the curriculum. We encourage parents to look at these documents with their children so they too can visualise the learning journey that we will be taking students on.

Learning is their journey.
Let them navigate.
Push them to explore.
Watch them discover.
Encourage their questions.
Allow them to struggle.
Support their thinking.



Headmaster: Dr P C Doherty OBE, BA (Hons), DPhil (Oxon), FRSA



KS3 Recommended Reads

GCSE English Language

GCSE English Literature

End of Year Assessments

Political Poetry

Mid-Year Assessments

Social Commentary Extracts

'Animal Farm' by George Orwell

DID YOU KNOW? A librocubicularist is the name of a person who reads in bed.

World Literature

Shakespearean Tragedy: 'Romeo and Juliet'

End of Year Assessments

YEAR 9

Purple Hibiscus

Drama: An adapted version of Dr. Faustus

The Literary Timeline: Poetry

Biblical and Mythical Allusions in Literature

'Ghost Boys' by J. Parker Rhodes

Victorian Literature

Mid-Year Assessments

The 19th Century Novel: 'A Christmas Carol' by Charles Dickens

YEAR 8

Drama: An Adapted Play Version of 'Frankenstein'

End of Year Assessments

Greek Myths

DID YOU KNOW? Over 120 million copies of 'Harry Potter and the Philosopher's Stone' have been sold worldwide!

Modern Poetry

Mid-Year Assessments

Shakespearean Comedy: 'A Midsummer Night's Dream'

Dystopian Literature: 'The Hunger Games' by Suzanne Collins

The History of the English

YEAR 7



welcome

Year 9 Mathematics

Introduction lesson

DID YOU KNOW?

People who were good at maths as young children go on to earn more than other similar children by the time they are 30, a study has found.
Source: BBC NEWS

Constructing in 2 & 3 Dimensions

3 Dimensional Shapes, Constructions & Congruency



Reasoning with Number

Numbers, Using Percentages, Mathematics & Money

DID YOU KNOW?

Percentage are used regularly in Finance, for example; Compound interest will make a deposit or loan grow at a faster rate than simple interest

End of Year Test



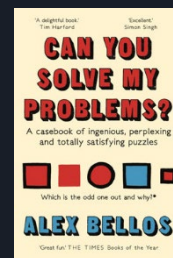
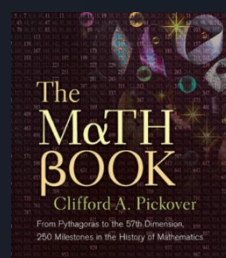
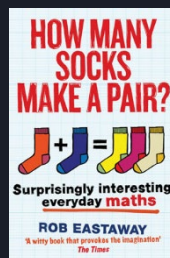
Reasoning with data

Probability

DID YOU KNOW?

A new baby usually deprives each of its parents around 350-400 hours of sleep in the first year. If left alone, 70% of birthmarks gradually fade away. The human eye blinks an average of 4,200,000 times a year

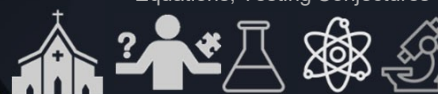
2023-24



Reading Books

Reasoning with Algebra

Straight line graphs, Forming & Solving Equations, Testing Conjectures



Mid-Year Test

Calculator and non-calculator papers

DID YOU KNOW?

A locus (plural: loci) (Latin word for "place", "location") is a set of all points (commonly, a line, a line segment, a curve or a surface), whose location satisfies or is determined by one or more specified conditions.

Reasoning with Geometry

Deduction, Rotation & Translation, Pythagoras' Theorem

Enlargement & Similarity, Solving Ratio & Proportion Problems, Rates



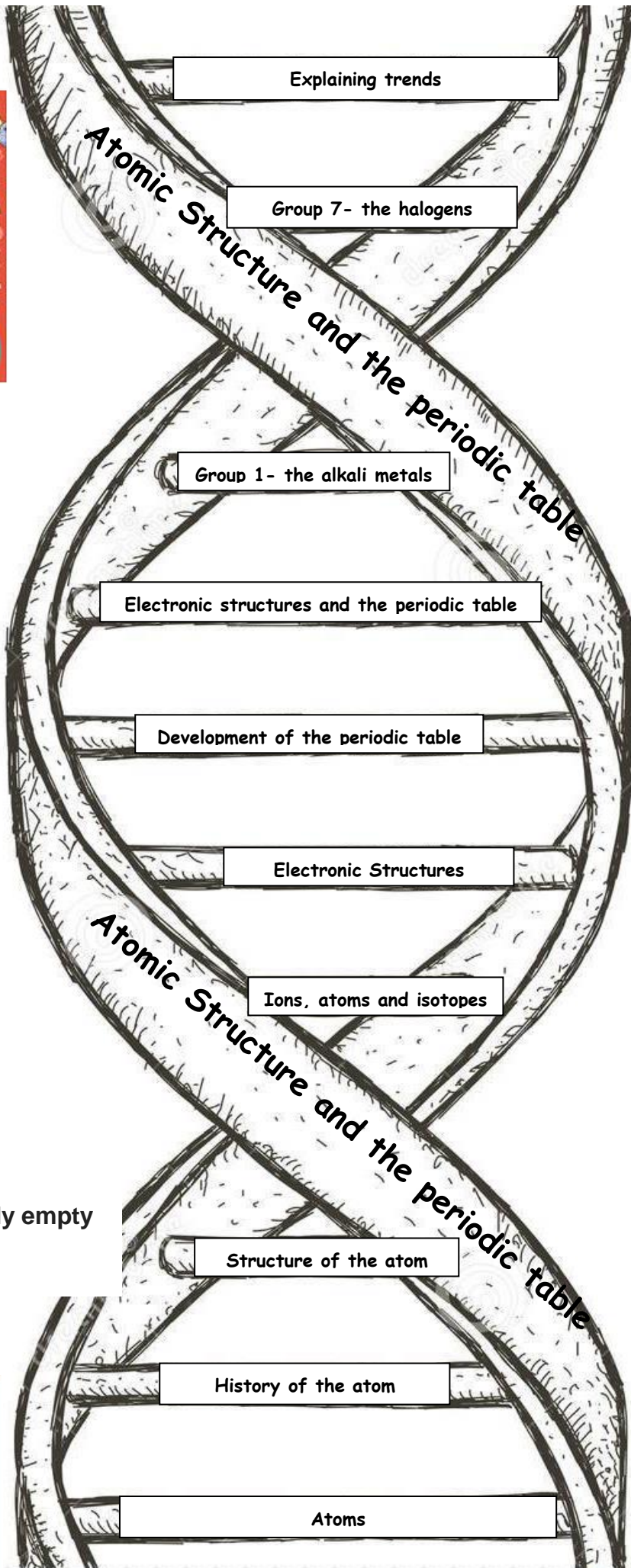
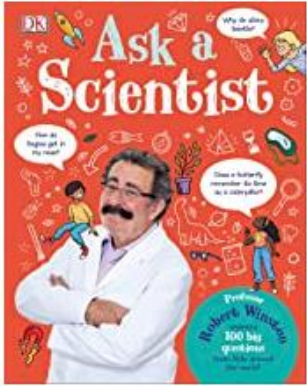
Reasoning with Proportion

Proportionality, Calculations with speed, density and pressure, Flow problems, Rates of change, Convert between units

GCSE PREPARATION

DID YOU KNOW?

Bees follow a gradient of scent molecules to find flowers. A strong scent means they are getting closer.



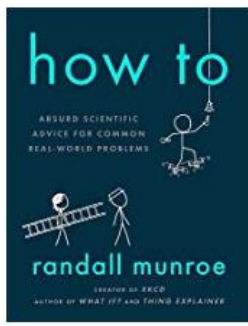
HALOGEN literally "salt-Producer," from Greek *hals* "salt" (from PIE root **sal-* "salt") + *-gen* "giving birth to" (see *-gen*)

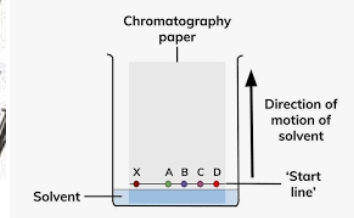
Combined Chemistry

Year 9

Atoms are mostly empty space

ATOMS "indivisible particle," from Greek *atomos* "uncut, unheven; indivisible," from *a-* "not" (see *a-* (3)) + *tomos* "a cutting,"





Combined Physics

Year 9

Chemical Analysis

Testing for gases

Analysing chromatograms

Pure substances and Mixtures

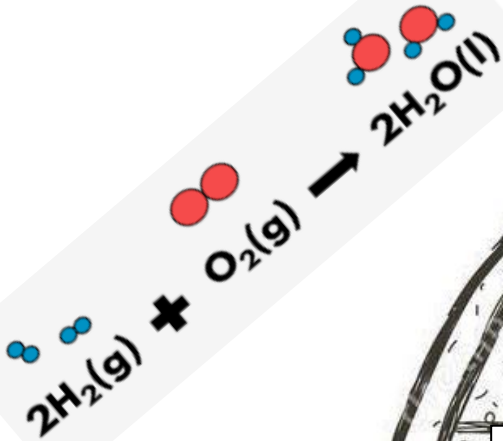
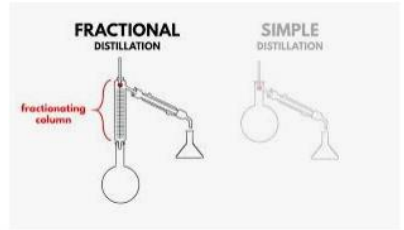
Paper Chromatography

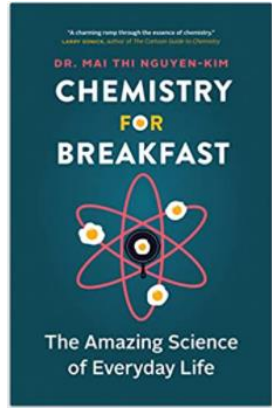
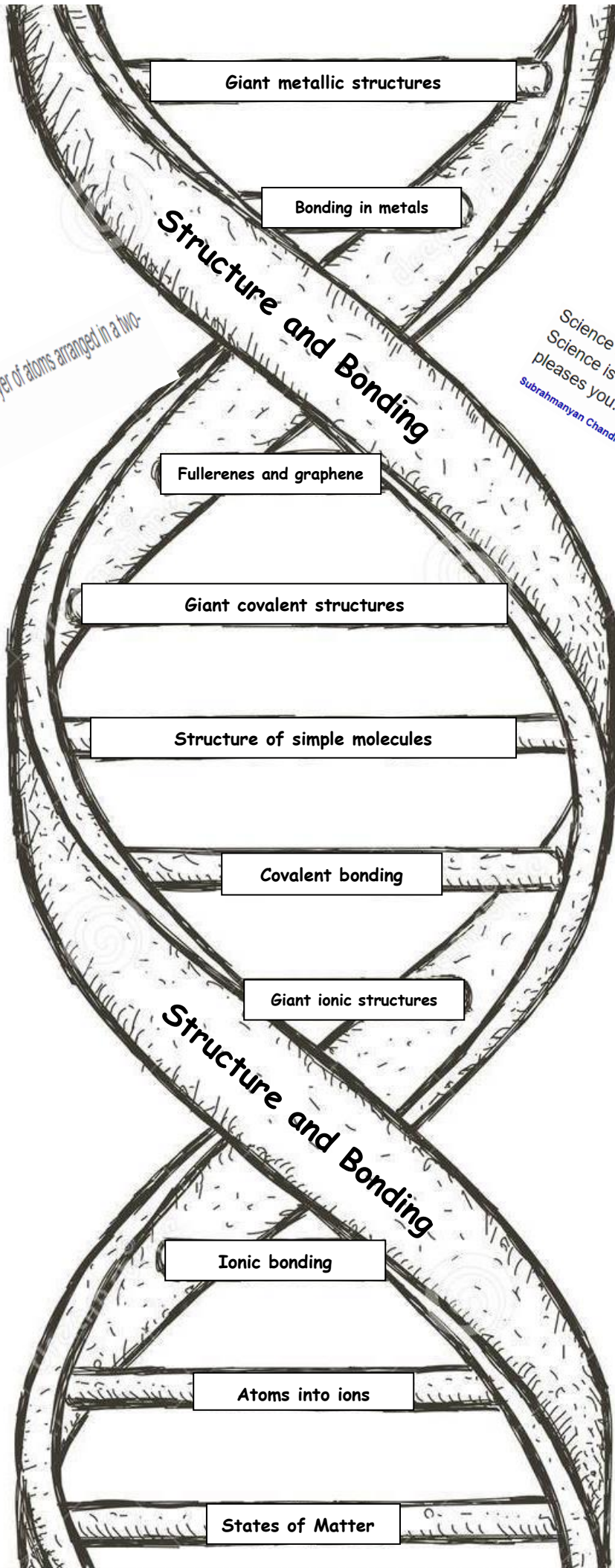
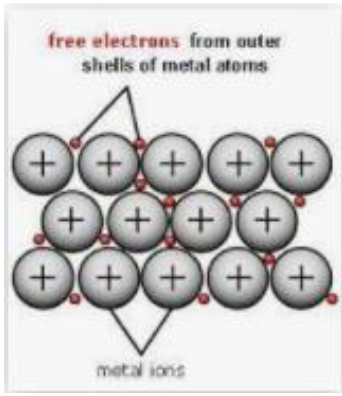
Atomic structure (Separating mixtures)

Fractional Distillation

Separating mixtures

Chemical Equations



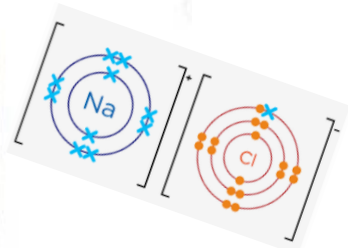
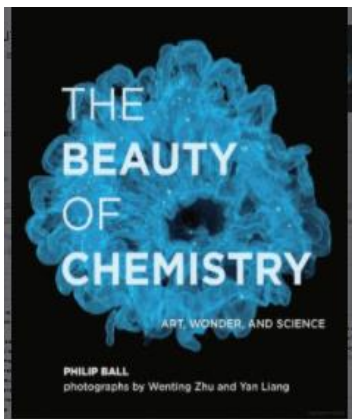


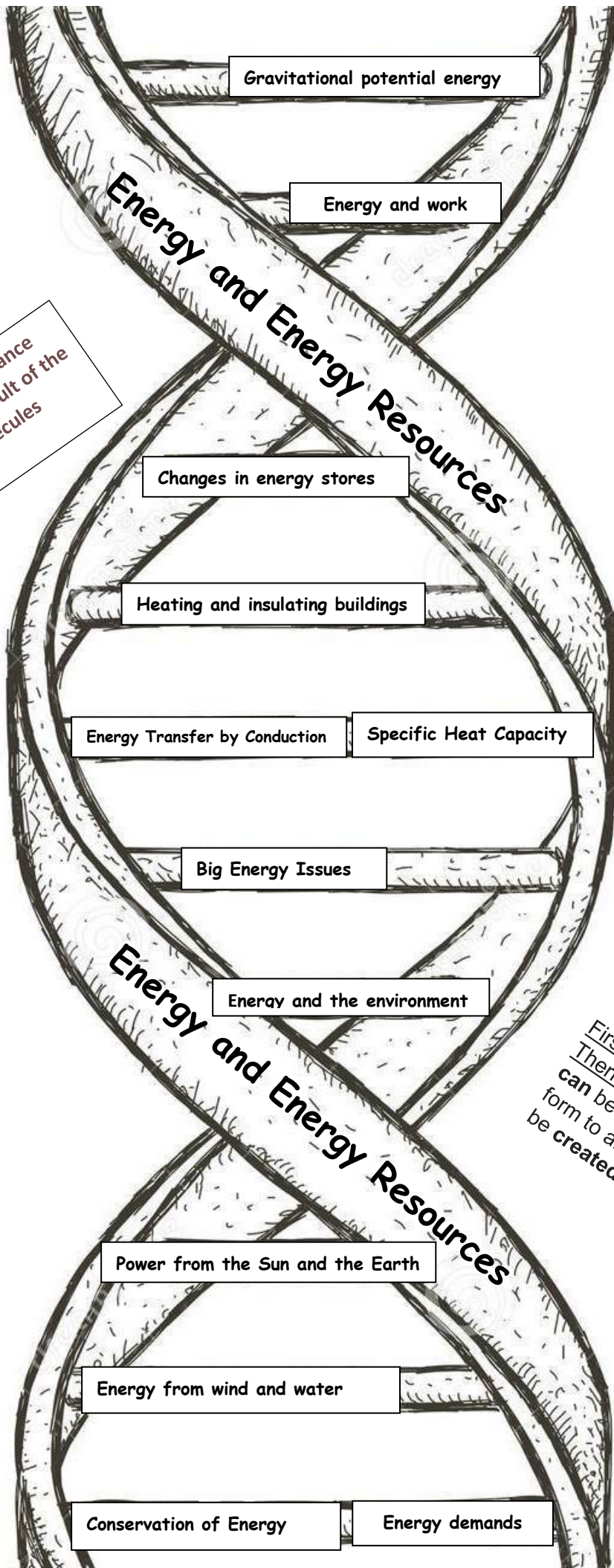
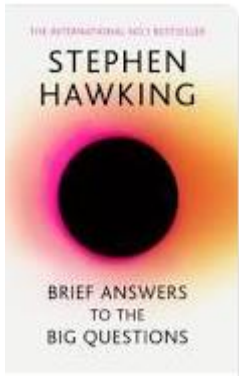
Graphene is an allotrope of carbon consisting of a single layer of atoms arranged in a two-dimensional honeycomb lattice nanostructure.

Science is a perception of the world around us.
 Science is a place where what you find in nature pleases you.
 Subrahmanyam Chandrasekhar

Combined Chemistry

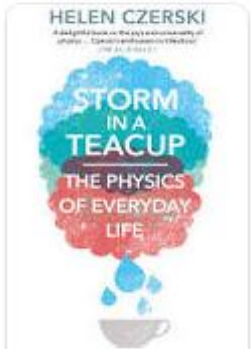
Year 9 Term 3





The specific heat capacity of water is $4200\text{J/kg}^\circ\text{C}$

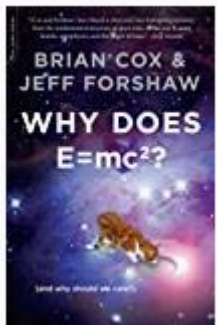
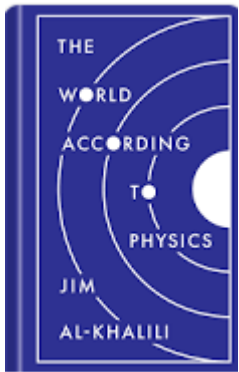
The temperature of a substance has been defined as a result of the speed at which its molecules move.

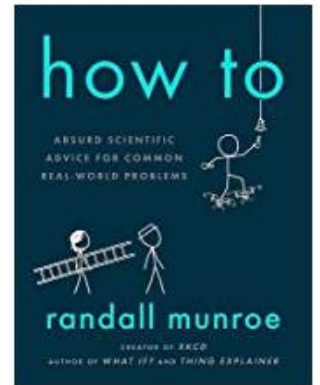
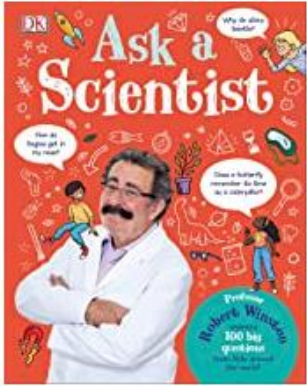


Year 9

Combined Physics

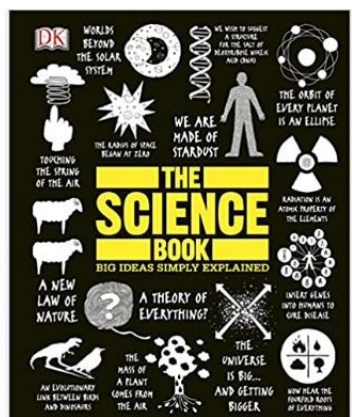
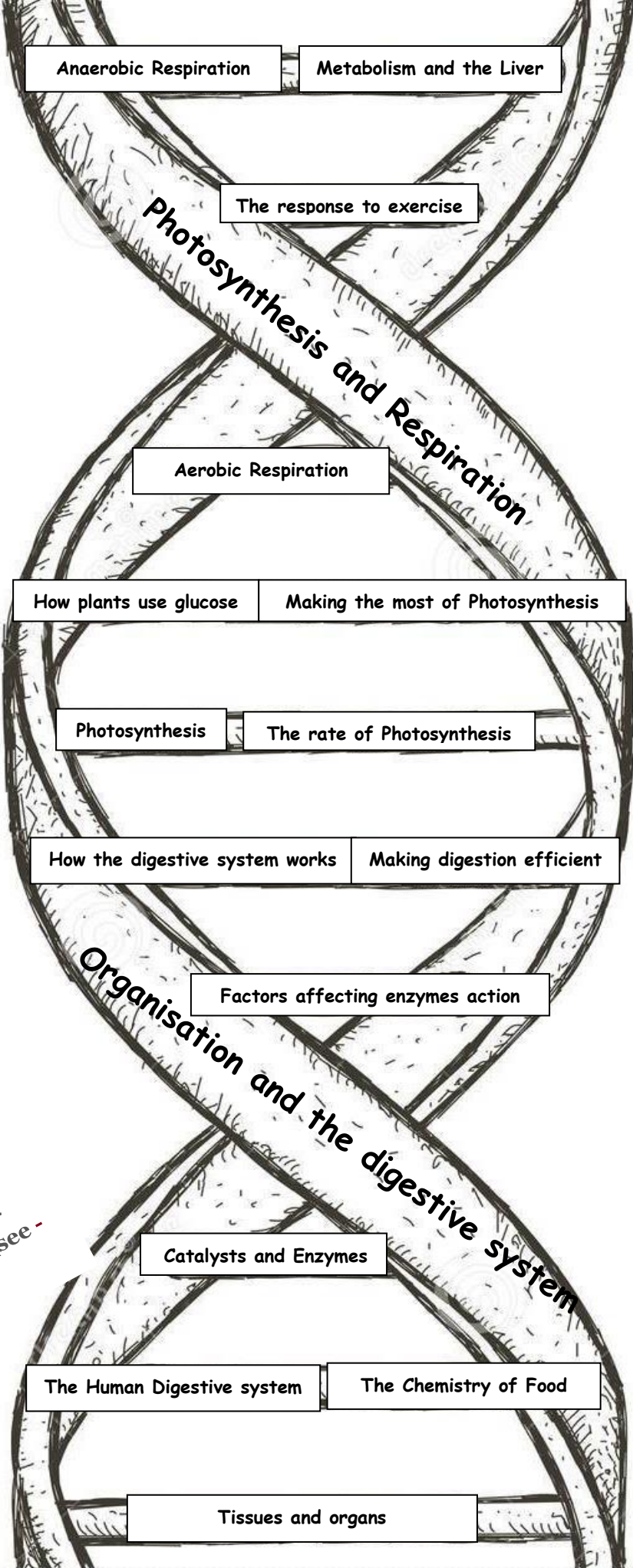
First Law of Thermodynamics: Energy can be changed from one form to another, but it cannot be created or destroyed.



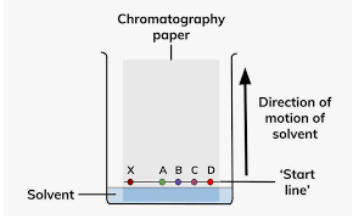


**Combined Trilogy
(Chem / Bio)**

Year 9



HALOGEN literally "salt-producer," from Greek hals "salt" (from PIE root *sal- "salt") + -gen "giving birth to" (see -gen)



Combined Physics

Year 9 Term 1b and 2a

Chemical Analysis

Testing for gases

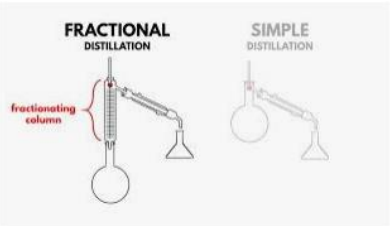
Analysing chromatograms

Pure substances and Mixtures

Maths Skills

Atomic structure (Separating mixtures)

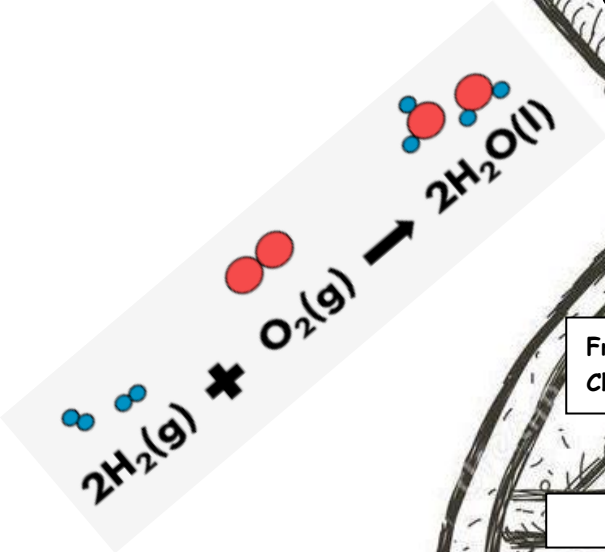
AO3 skills

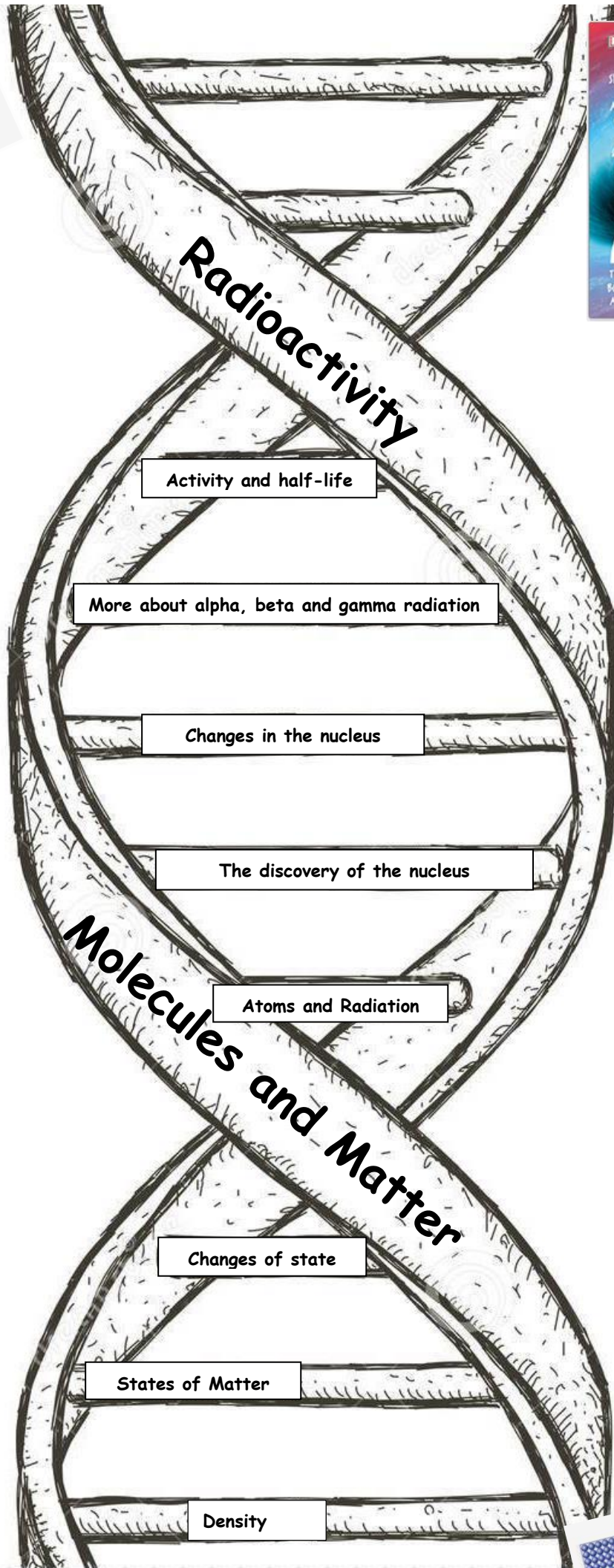
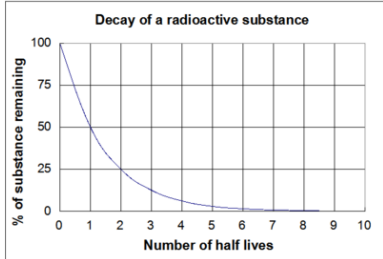
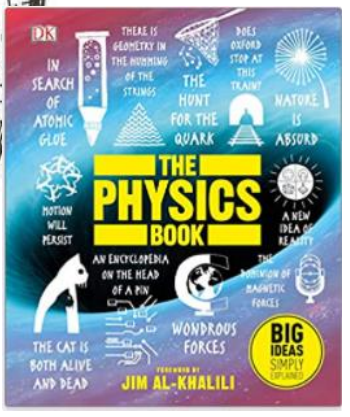
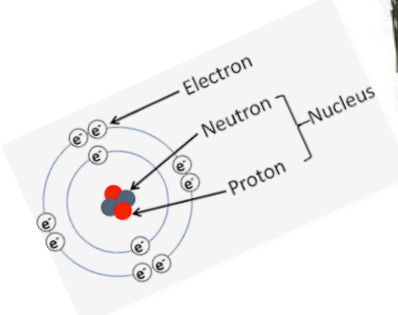


Fractional Distillation and Chromatography

Separating mixtures

Chemical Equations





Activity and half-life

More about alpha, beta and gamma radiation

Changes in the nucleus

The discovery of the nucleus

Atoms and Radiation

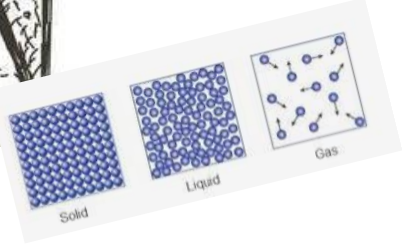
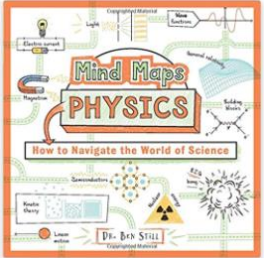
Changes of state

States of Matter

Density

Combined Physics

Year 9 Term 3



Y9 Theology

Year
9

Learning Journey



Catholic Human Love?

What is Love? Why is marriage and family so important to Catholics?



Religion, war and Peace?

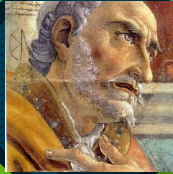
Why do people go to war?

What is Aquinas' Just War Theory? What is terrorism? What did Jesus teach about War?



Philosophy and Ethics?

Ethical theory, Natural Moral law, Duty bound ethics, Virtues, Utilitarianism, Deontology, and ethical theories.



Advent, Christmas and Epiphany?

What are the stories behind these important Christian traditions.?



Suffering, Death and Resurrection?

A look at events just before the death of Jesus and looking at the passion story (HOLY WEEK).



Faith in Action?

What does it mean to live out your faith?

What is Catholic Social teachings?

What is CAFOD? Social Workers Farm? St Vincent de Paul



Lent and Easter?

What is the season of Lent about? How do Catholics celebrate the days of Easter? Why?



GCSE – JUDAISM Beliefs?

What do we know about Judaism?

What are the many Jewish beliefs? What are the many Jewish teachings?



Exam Skills:

Knowledge and content

Significance

Interpretation

Similarity and Difference

SOWA

Use of Evidence

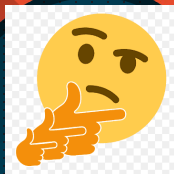


Reflections

What are my strengths?

What are my focus areas?

How can I continue to make progress next year?



To Year 10

Y9 LEARNING ADVENTURE

ARTIST PORTRAIT HERE



DRAW A LANDSCAPE IN THE FRAME



SKETCHBOOKS

OBSERVATIONAL DRAWING
HOW TO THINK WHEN YOU DRAW

EARLY 20TH CENTURY DESIGN

ART DECO AND ART NOUVEAU DESIGN
ALPHONSE MUCHA AND ADVERTISING



CAMERA OBSCURAS

CAMERA OBSCURA, ART DECO DESIGN AND ARCHITECTURE RESEARCH

MAKING A CAMERA OBSCURA.
USING ART DECO DESIGN TO PERSONALISE THE OBSCURA

DRAW AN ABSTRACT SCULPTURE ON THE PLINTH

DRAW SCULPTURE ON THE GRASS.

ART NOUVEAU DESIGN AND ADVERTISING

ANALYSE THE WORK OF ALPHONSE MUCHA AND DESIGN A PAINTED ART NOUVEAU ADVERT FOR YOUR COMPLETED CAMERA OBSCURA.

SURREAL LANDSCAPES

SALVADOR DALI AND REDMER HOEKSTRA STRANGE CREATURES AND LANDSCAPE PAINTING. UNDERSTANDING AND CREATING SURREAL ART WORKS.

ARTIST RESEARCH
LOOKING AT AND ANALYSING THE WORK OF OTHER ARTISTS. RESEARCHING GREAT WORKS OR MOVEMENTS THAT INSPIRE YOU.

COMPLETING PROJECTS

REPLACE THE MISSING HEADS ON THESE GREEK STATUES.



YR.9 DESIGN TECHNOLOGY

Brainstorming



Research



Writing a Specification



A modern material is a material that has been engineered to have improved properties

Modern Materials



Bio-mimicry



CAD/CAM



Writing a Brief



Product analysis involves examining product features, costs, availability, quality, appearance and other aspects

Creating Designs



Planned obsolescence means manufacturers deliberately designing products to fail prematurely or become out-of-date, often to sell another product or an upgrade

Tools



Biomimicry is a method for creating solutions to human challenges by emulating designs and ideas found in nature.

Design Companies



Electronic Components



The speaker project combines creative design skills and electronic theory. Students must build an audio circuit and then create a speaker box to house the speaker.

Working Drawings



Smart Materials are materials that respond to changes in their environment and undergo a material property change.

Planned Obsolescence



Health & Safety



Smart Materials



First DAY OF School



Orthographic Drawing

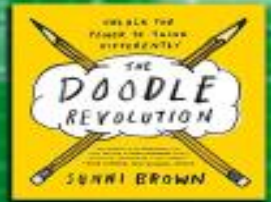
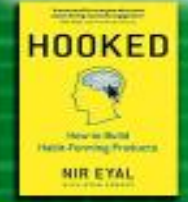


Metals



EXAM

End of year Exam
1 hour
100 marks



Pareidolia is a phenomenon in which people see faces in objects. Designers use this to create a strong bond with a product.

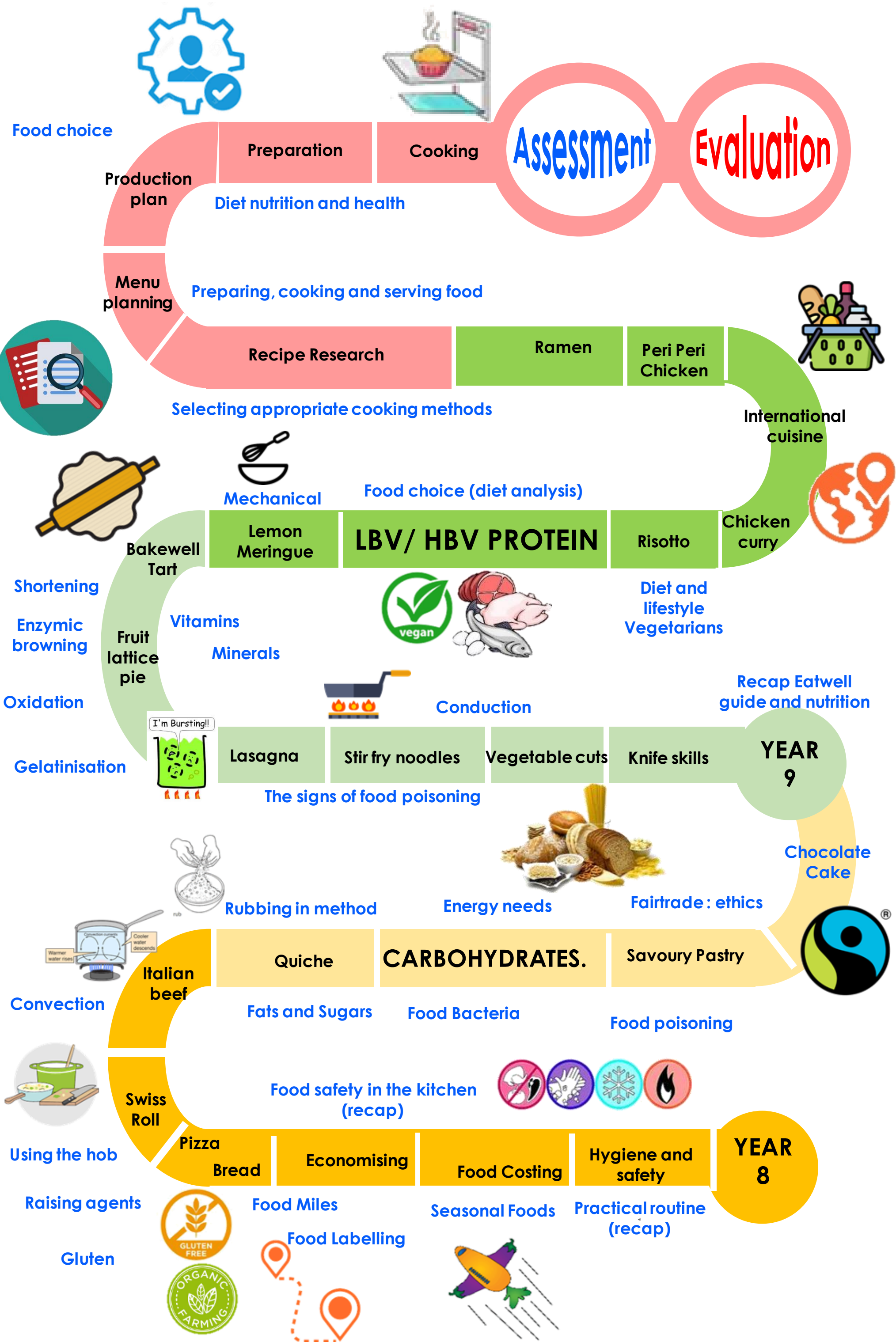


Sir Norman Foster's Gherkin Towers famous hexagonal skin was inspired by the Venus Flower Basket Sponge.



My Food Learning Journey

BTEC LEVEL 2



Learners will develop confidence in cooking a range of dishes and make informed decisions about food choices.

 *The Louvre is the most visited art museum in the world. You can see La Joconde (Mona Lisa) there.*

Module 1

Mon monde à moi

Activities
Celebrations
Clothes



The Millau Bridge in southern France is the world's tallest bridge



Projets d'avenir

Earning money
Future plans
Life in the future



French is the second most studied language in the world after English.



Point de départ



Talking about likes & dislikes



Year 9 French Learning journey

End of year test



Year 10

Le monde francophone

French speaking world & artists
Traveling



France is the most visited country in the world, with over 80 million visitors every year.



Mid-year test

Ma vie en musique



Musical tastes
Comparing past & present
Refugees

Module 3



Le meilleur des mondes



Food
Animals
Environment

Module 4

Speaking assessment

Module 5

Many French artists and films have received worldwide fame. Even Oscars!



Practise French at
<https://languagesonline.org.uk>

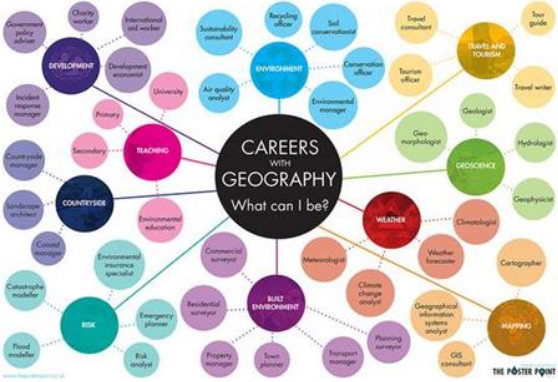
Year 9 Geography Learning Journey

In Year 9 at Trinity you will cover 3 Units (Tectonics, Russia and Weather). A high-quality geography education should inspire in pupils a curiosity and fascination about the world and its people that will remain with them for the rest of their lives (N.C, 2014). Geography is the subject which holds the key to our future' (Michael Palin).

Key to lines

- Prior learning**
- Essential Skills**
- Extra Resources**
- Learning Stations**
- Assessments**

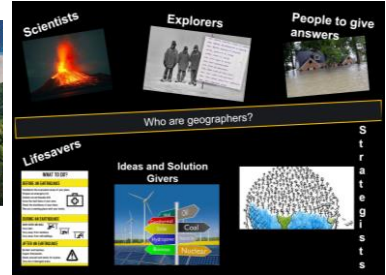
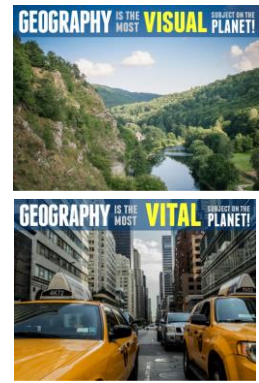
Key Words & Spellings: Plate boundaries, destructive, conservative, constructive, magma chamber, volcanoes, Ural Mountains, Sakha, Hurricane, pressure.



Why? Lots of our natural world can be brought back to the Earth's interior and the tectonic plates. It creates horrendous disasters and beautiful landscapes and precious resources.

Why? There are 1500 active volcanoes in the world right now. These have the potential to seriously disrupt human occupation in many areas.

Why? This is your final big place case study for KS3! The biggest country in the world with 11 time zones and 17.1 million km² of land!

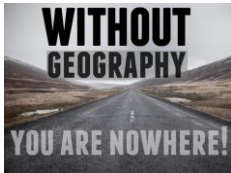
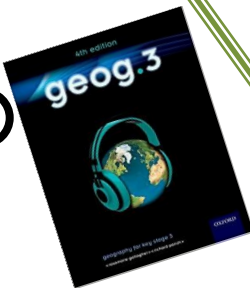


Why? Hurricanes can be very dangerous to countries around warm waters. But they can be predicted thanks to our research of them.



Prior KS3 Learning:
Science – the rock cycle
Natural resources and
Wealth/development.

- Windows 365
- Geog.3 Textbook
- Useful Websites List
- BBC Bitesize**
- <http://www.bbc.co.uk/education/subjects/zrw76sg>
- Geography all the Way**
- http://www.geographyalltheway.com/ks3_geography.htm
- Learn on the Internet
- <http://geography.learnontheinternet.co.uk/ks3/index.html>



Earthquakes
Why? Around 60,000 people die on average every year from natural disasters and 90% of those deaths happen in the developing world. Understanding earthquakes means we can better prepare and protect people.

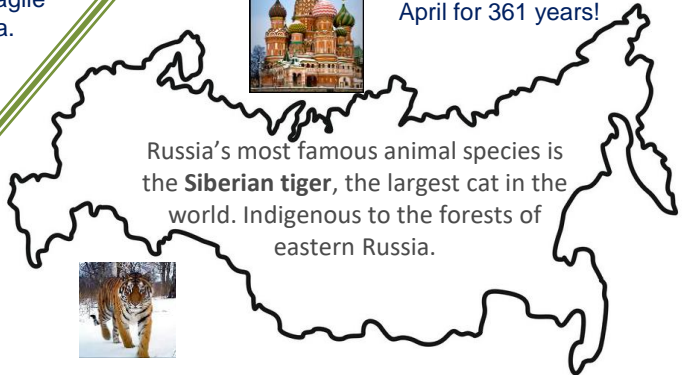


Mid-year exam (Tectonics)



Spring Extended Writing

Diamond Mining
Why? Is of huge economic importance to Russia but also seriously harms the fragile tundra.



Russia's most famous animal species is the **Siberian tiger**, the largest cat in the world. Indigenous to the forests of eastern Russia.

End of Year Exam (Russia)

Weather
Why? Weather understanding is vital. In 2020 we experienced huge storms (Ciara and Dennis) in February and then the hottest April for 361 years!

Year 9 HISTORY Learning Journey

The First World War

Why did the war start? Why were there so many casualties and how did countries try to avoid any more wars?

Did you know? Over 9 million soldiers (about 6000 per day) died during WW1

Why did so many men volunteer to fight in WW1? How did the British Empire contribute to WW1? How do we remember the Great War today?

CHRISTMAS TEST

To check your knowledge and understanding of the work you undertook in your first term!

Power in the early twentieth century

What is a dictatorship? Why did Hitler become so popular? What was life like in Nazi Germany?

Why was there another World War?

SPRING TERM ASSESSMENT

The Second World War

Which countries fought – and where? What were the war's key events and turning points? And when did it end?

What was the contribution of British Empire soldiers to the war? What was Hitler's 'final solution' and how close did he get to the destruction of Europe's Jews?

The Rise and Fall of the British Empire

The Mughal Empire and what India was like before the British. Why and how did Britain get such a large empire? Why did the empire decline? Why should we remember the Empire Windrush?

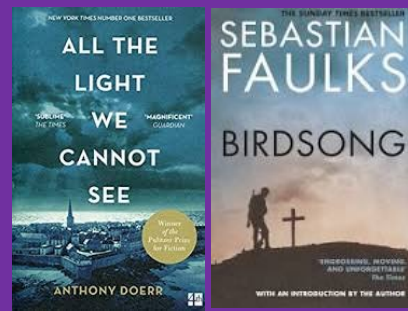
Did you know? World War 2 lasted from 1939 to 1945 and is the largest global conflict the world has ever known

Did you know? The word 'fascism' comes from 'fascio' meaning 'a bundle of sticks', often tied together with an axe

END OF YEAR TEST

To check finally on your knowledge and understanding of work you undertook in your third year at Trinity!

Did you know? As many as 250,000 under-18s lied about their age and served in the British Army during World War 1. The youngest was Sidney Lewis, who fought at the Battle of the Somme 1916, aged 13



Reading Books

Chronology

The ability to put events in the correct chronological order is vital in history. History is full of amazing stories – and to understand a story you must know the order in which things happened.

Literacy skill

Note-taking is a vital skill. You must pick out all the key words in a sentence. These are the words that are vital to the meaning (and your understanding)

Did you know? In 2010, the Black Poppy was launched to highlight the contribution of black, African and Caribbean communities to the war effort

History Skill

Historians need to be able to think deeply about a particular place at a particular time in history. This is known as a study of the 'historic environment'. You might be shown images of the historic environment, or sources from the time that describe it or were written by people who lived in these places or visited them.

History Skill

While most historical events have a number of different causes, there is often one cause that is more important than the others. Historians need to be able to justify how much they agree or disagree about the causes of an event. They might respond to a statement that contains a judgement, and argue which cause is the most important.

Did you know? A white feather was the symbol of cowardice during WW1

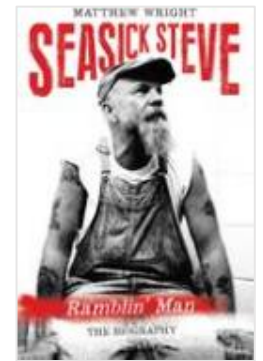
Literacy Skill

Historians need to read different opinions about historical events and weigh up the evidence. You might agree with one opinion more than another, and will need to explain why in your paragraph.

2023-2024

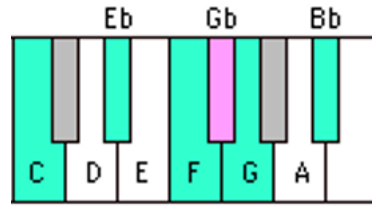


Did you know?
The famous Jazz and Blues musician Miles Davis once said of improvisation: *'do not fear mistakes, there are none!'*



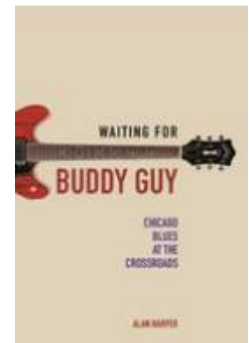
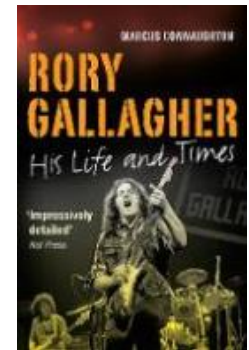
Lessons 1-4: Features of Blues

- 12 Bar Blues Chord Sequence
- Blues Bass Lines
- Improvisation & the Blues Scale



Lessons 11-12: Popular Song

- Using chords I, IV, V and VI
- Ground Bass
- Large ensemble rehearsal and performance



Recommended Reads



Did you know?
The famous Blues musician B.B. King once said: *'the beautiful thing about learning is that nobody can take it away from you'.*



Lessons 5-10: Blues Song Writing

- What might a Blues song be about?
- Blues Song Structure: Lyrics vs Improvisation
- The role of verses and choruses
- How to expand your song: intro/outro, bridge and instrumental sections



Did you know?
The term 'Blues' probably originated with the 17th century English expression 'the blue devils' which refers to the intense visual hallucinations that accompany severe alcohol withdrawal – shortened over time to 'the blues', it came to mean a state of agitation or depression



Trinity Year 9 Physical Education Journey

Analysis and evaluating performances



In year 9 students will begin to analyse own and others performances

Cricket

Your lessons will look at demonstrating consistency, timing and fluency in the execution of core skills for batting, bowling and fielding.



Leadership

In year 9 students will develop leadership skills in lessons through peer coaching.



Show Your Commitment

How many can you complete?



- Try Your Best In All Lessons
- Bring Your PE Kit To All Lessons
- Achieve High GRIT In All Lessons
- Attend PE Extra-Curricular Clubs Each Term
- Represent your form In interform



OAA

Taking part in outdoor adventurous activities set to challenge individuals and build teamwork and confidence

Football

Your lessons will be tailored towards developing team attacking and defending strategies and techniques required take part in competitive games.



Tennis

Your lessons will look at replicating the core skills necessary to outwit opponents in competitive games



Rounders

Pupils will demonstrate consistency, timing and fluency in the execution of core skills for batting, bowling and fielding.



Summer Term

Badminton

Pupils will focus on replicating and developing more advanced techniques as well as implementing and refining strategic play to outwit opponents.

Athletics

In this unit pupils will accurately replicate running, jumping and throwing skills for events in order to improve performances



Basketball

In this unit pupils will focus on developing, implementing and refining team and individual game plans to outwit opponents.

Recommended Reads



Fixtures Each Year

Below are the fixtures we compete in across the year

- Athletics
- Basketball
- Badminton
- Football
- Netball
- Rugby
- Cross Country

Dance

Pupils will demonstrate creativity by incorporating control, rhythm, timing and aesthetics into sequences



Autumn Term

Volleyball In this unit pupils will focus on developing, implementing and refining team game plans to outwit opponents.

Gymnastics

You will be developing core skills already learnt and using apparatus include in partner/trios and group work.



Invasion games

Students will be expected to plan strategies and implement them in competitive games. Students will develop attacking and defensive strategies to outwit opponents.



Your Physical Education Journey....

Year 9 Spanish Learning Journey



Somos así

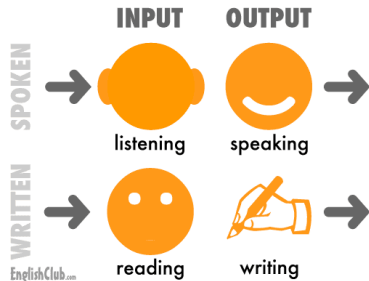
- ◆ Talking about things you like.
- ◆ Talking about your week and films.
- ◆ Using the preterite, present and near future together.
- ◆ Giving opinions.



¡Orientate!

- ◆ Saying what you have to do at work.
- ◆ Using tener que.
- ◆ Using the conditional tense.
- ◆ More practise using three tenses.
- ◆ Using correct adjective agreement.

Did you know?
The second most translated book (after the bible) is Don Quijote de la Mancha, written by Miguel de Cervantes in 1605.



You will be able to...

- understand and express ideas in spoken and written Spanish
- develop transferable language skills in listening, speaking, reading and writing
- develop a core of grammatical knowledge---
- deepen your understanding of other cultures
- open up future career paths
- prepare yourself for future holidays in Spanish-speaking countries

Mid-year exam/Baseline test
Listening, Reading, Writing

En forma

- ◆ Talking about diet.
- ◆ Using direct object pronouns.
- ◆ Talking about your daily routine
- ◆ Using reflexive verbs.
- ◆ Talking about getting fit
- ◆ Using se debe/no se debe.
- ◆ Using me duele.

Did you know?
58 million tourists go to Spain every year, making it the fourth most visited country in the world.

Una Aventura en Madrid

- ◆ Meeting and greeting people.
- ◆ Using expressions with tener.
- ◆ Using the comparative/superlative.
- ◆ Saying what you will do.
- ◆ Using the simple future tense.

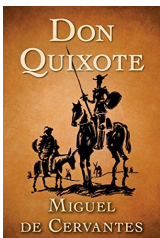
End of year exam
Listening, Reading, Writing

Spring Assessment
Speaking

Jóvenes en acción

- ◆ Using the verb poder.
- ◆ Talking about fair trade.
- ◆ Talking about recycling.
- ◆ Using se debería.
- ◆ Using the Imperfect tense.

Did you know?
Although Spanish (Castilian) is the main official language, Spain also has co-official languages: Catalan, Basque, Galician.



Academic Reading
Please refer to Teams for articles on Gastronomy, Geography, History and Festivals in Colombia.

YEAR 9 TEXTILES LEARNING JOURNEY

You will be learning about designing and marketing for a target audience

You will develop your chronological and methodical thinking skills by producing a production plan

You will understand what a client profile is and design your apron with this in mind

You will combine your practical and skills with creative thinking to design and make products that meet consumers' varying requirements.

You will learn how to use tools and equipment safely and accurately.

TEXTILES AND INDUSTRY

You will learn about the properties of fabric.

You will learn about fabric properties and how to select suitable fabrics with the intended end use in mind

You will produce a chronological production plan for the manufacture of your cushion cover.

DEVELOP YOUR TECHNICAL SKILLS

You will use your prior knowledge of pattern construction to draw your pattern

You will use your mathematical skills to transfer the pattern markings from the pattern to your fabric

You will learn how to pin fabric to a paper pattern and cut it out accurately

You will continue to practise your skills in setting up and threading a sewing machine

You will be able to construct neat seams and hems that is finished to an industry standard

You will investigate and experiment with suitable decorative techniques

You will be able to change the settings on the sewing machine to change the appearance of the stitches

You will learn how to hand sew including techniques such as tacking, sewing a button on and producing decorative stitching.

You will use specialist equipment to applique your initials on your apron

DEVELOP YOUR DESIGN SKILLS

You will research different types of bags and their advantages and disadvantages

You will be able to evaluate your ideas and produce a feasible final design idea

You can design for a specific target group

READING SUGGESTIONS

BOOK 1
Christian Dior
by Oriole Cullen



BOOK 2
The Prince and the dressmaker
by Jen Wang



WEBSITES
Pinterest
www.v.am.ac.uk

CROSS CURRICULAR: Maths – Measuring accurately, transferring pattern markings / English- writing a production plan / Citizenship – ethical production of textiles products