



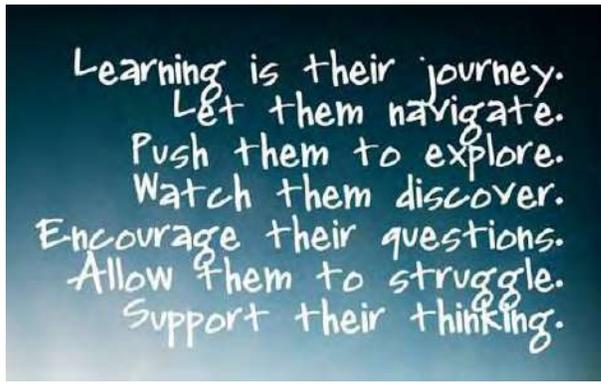
TRINITY CATHOLIC HIGH SCHOOL | 2023 – 2024

YEAR 7 LEARNING JOURNEYS

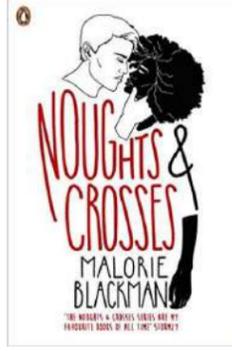
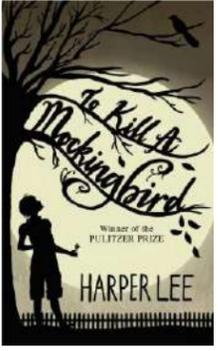
Our 'Learning Journeys' provide an outline, for all of our stakeholders, of the diverse range of knowledge rich and challenging subject topics that students can enjoy during their first year at Trinity Catholic High School. We developed these 'journeys' to make explicit the range of academic opportunities 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 7 – 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.



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



The Literary Timeline: Poetry

Drama: An adapted version of Dr. Faustus



Biblical and Mythical Allusions in Literature

'Ghost Boys' by J. Parker Rhodes



Victorian Literature

Mid-Year Assessments



YEAR 8

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



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'



The History of the English

Dystopian Literature: 'The Hunger Games' by Suzanne Collins



YEAR 7



welcome

Year 7 Mathematics

Baseline Test

Mental test and reasoning paper

MATHS SETS ASSIGNED

Algebraic Thinking

Sequences, Algebraic Notation, Equality & Equivalence

DID YOU KNOW?

Learning algebra helps to develop your critical thinking skills. This includes problem solving, logic, patterns, and reasoning. You need to know algebra for many professions, especially those in science and maths.



Mid-Year Test

Non-calculator and calculator paper



Fractional Thinking

Addition & Subtraction of Fractions



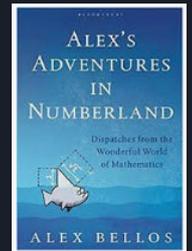
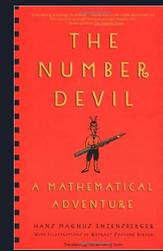
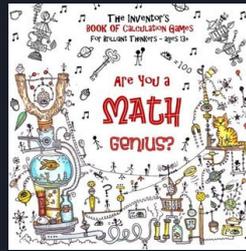
DID YOU KNOW?

The line that separates the numerator from the denominator in a fraction is called the vinculum

End of year test



2023-24



Reading Books



Directed Numbers

Four Operations with Directed Numbers

DID YOU KNOW?

A googol is the large number 10^{100} . In decimal notation, it is written as the digit 1 followed by one hundred zeroes.

Place Value & Proportion

Place Value & Ordering Integers & Decimals, FDP Equivalence



Application of Number

Solving Problems with Addition & Subtraction, Solving Problems with Multiplication & Division, Fractions & Percentages of Amounts



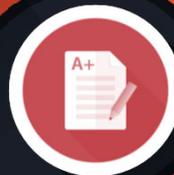
Lines & Angles

Constructing, Using and Measuring Geometric Notation, Developing Geometric Reasoning



Reasoning with number

Developing numbers Sense, Sets & Probability, Prime Numbers & Proof



Chromatography Experiments



Why does coffee dissolve so fast?

<https://www.thenakedscientists.com/articles/questions/gotw-why-does-coffee-dissolve-so-fast>



Chromatography

Chose appropriate method to separate mixture

Distillation

Separating mixtures

Filtration

Solutions

Solubility

Inside particle

Pure substances and mixtures

Diffusion

Gas pressure

Energy transfer in change of state

Particle Model

Condensation

Melting & freezing

Boiling & Evaporation

Particle model

States of matter

Matter

Year 7

Going further: experiments you can do at home



Dry Erase:

Draw Figures that become Animated

<https://www.sciencefun.org/kidszone/experiments/>

Why babies are born with more bones than an adult & lots more fun facts here:

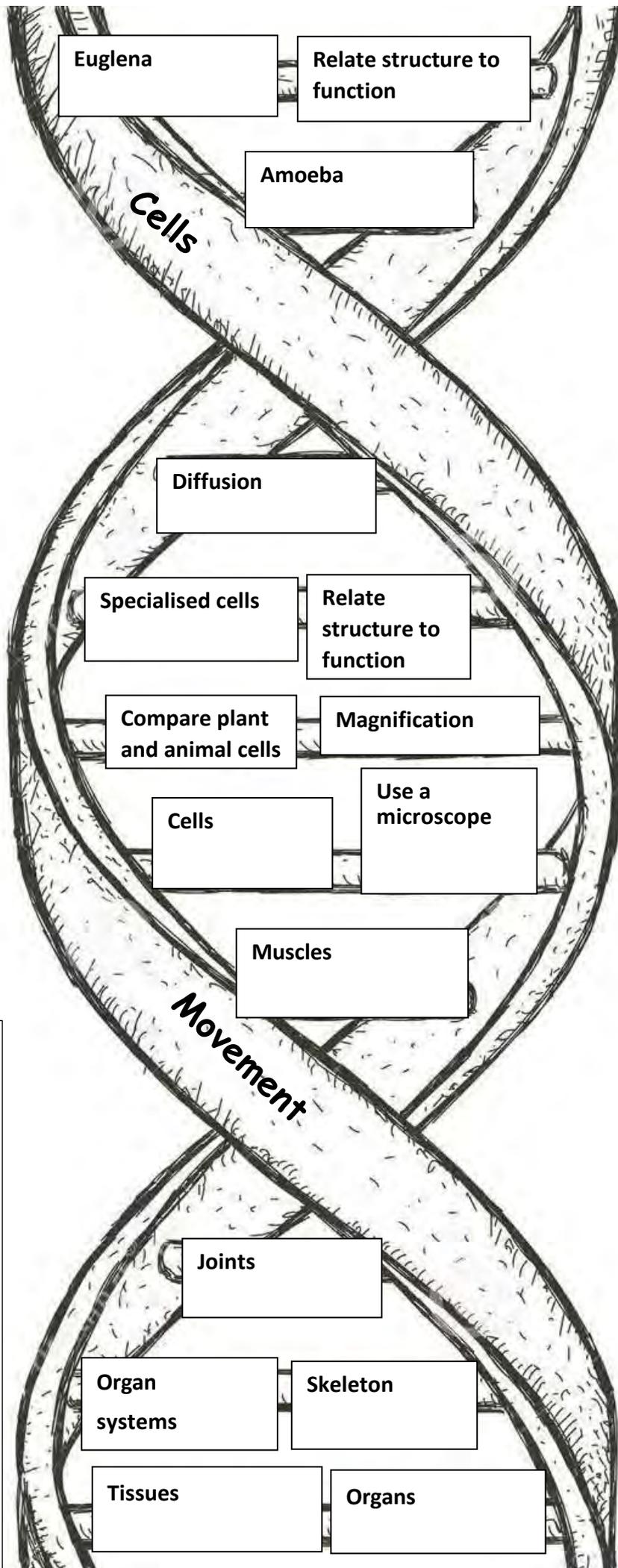
<https://www.healthline.com/health/fun-facts-about-the-skeletal-system#2>

Ever wondered what an amoeba looks like?

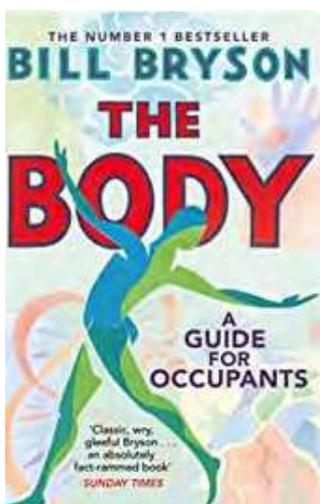


Organisms

Year 7



Recommended Reads

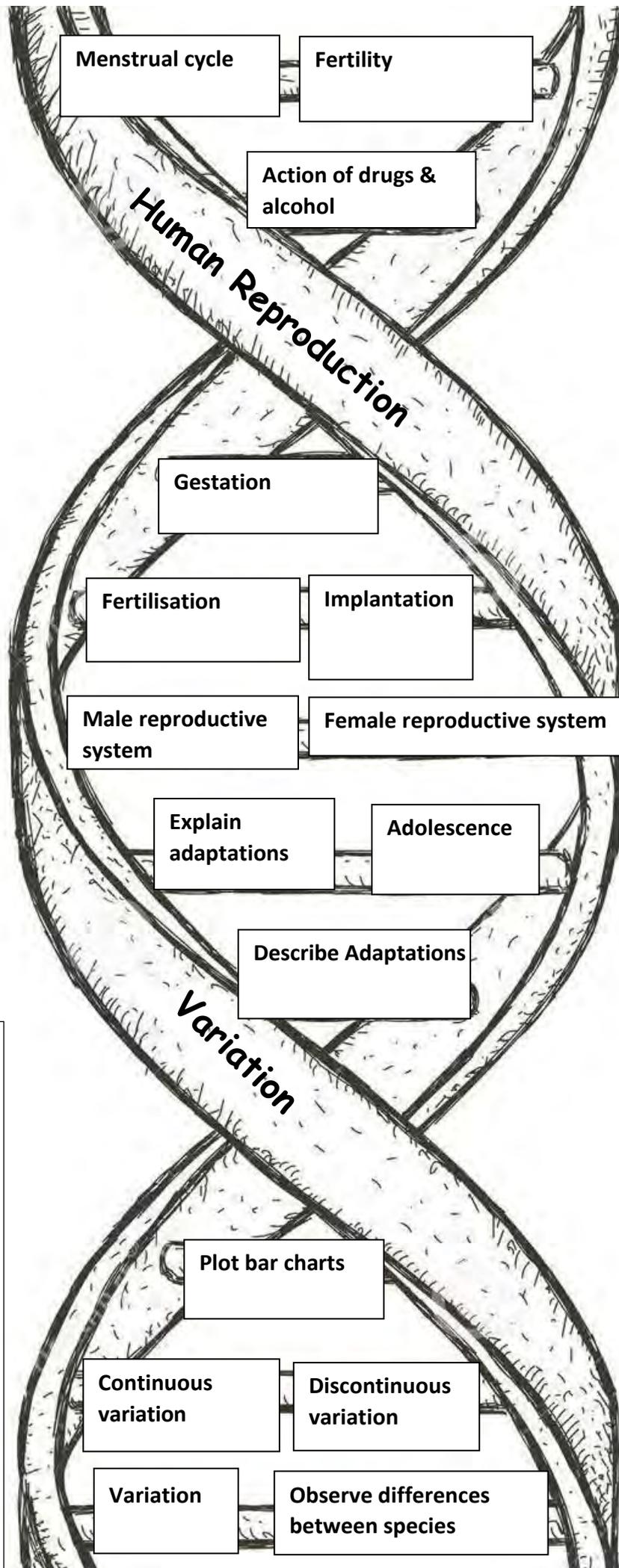


Did you know... Meerkats have dark circles round their eyes, which act like sunglasses, helping them see even when the sun is shining very brightly.

What will humans look like in the future?



<https://www.bbcearth.com/blog/%3Farticle%3Dwhat-will-humans-look-like-in-a-million-years/>



Genes

Year 7

Recommended Reads

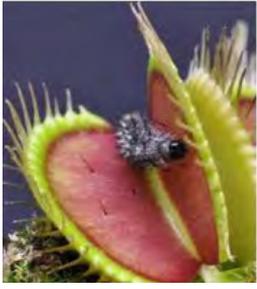


Wicked websites:

Ever wondered why fish don't have eyelids?

<https://www.thenakedscientists.com/articles/questions/why-dont-fish-have-eyelids>

Fun Fact: some plants are carnivorous.



Fun Fact: all our energy comes from the sun.



Ecosystems

Plant Reproduction

Control key variables

Analyse data from graphs and tables

Test a hypothesis

Seed dispersal

Fertilisation

Germination

Wind vs insect pollination

Selective breeding

Competition

Flower structure

Sampling techniques

Interdependence

Ecosystems

Disruption of food chains

Using graphs

Food chains

Food webs

Year 7

Wicked websites:

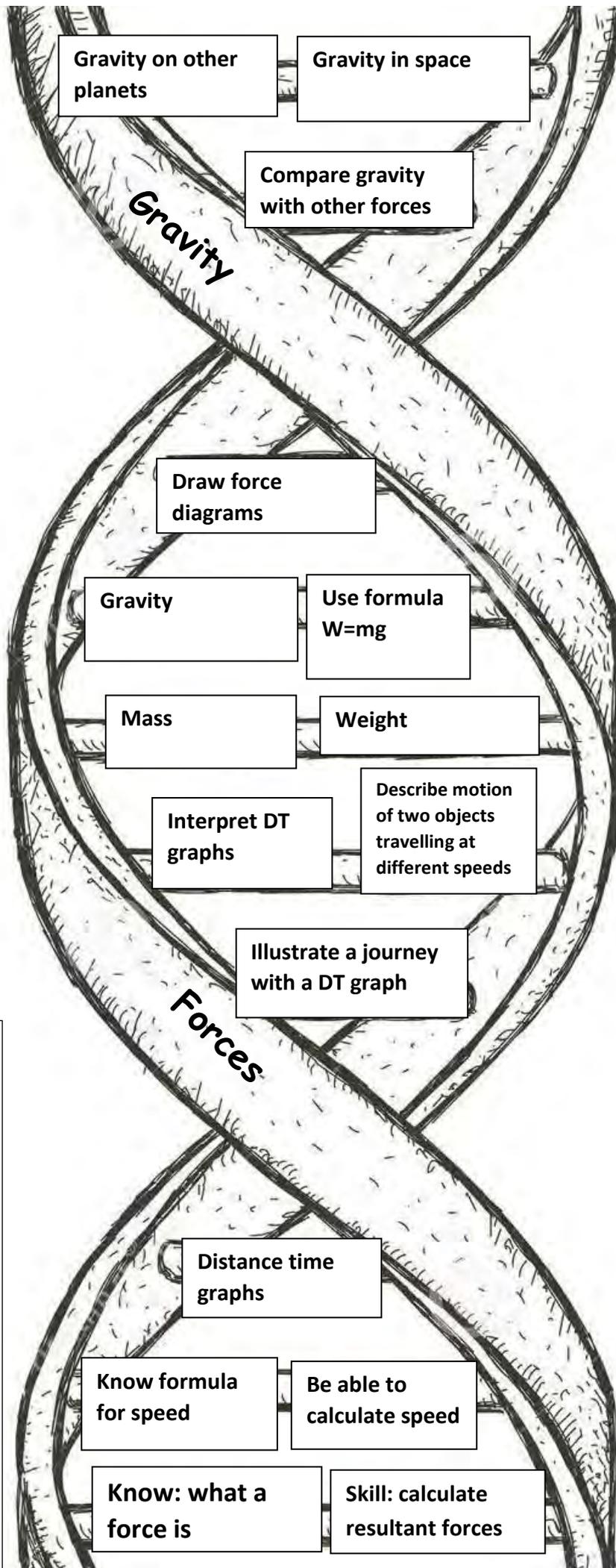
<https://climate.nasa.gov/news/2486/10-interesting-things-about-ecosystems/>



<https://www.natgeokids.com/uk/discover/science/nature/the-life-cycle-of-flowering-plants/>



How do we measure forces?



More about gravity!

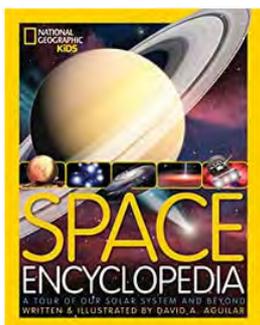
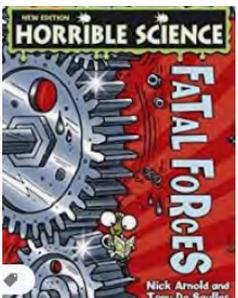


What is a black hole?

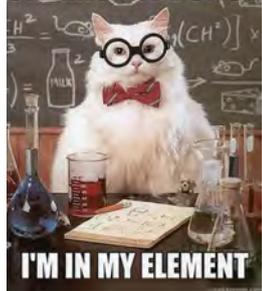
Forces: Speed and Gravity

Year 7

Recommended Reads



CHEMISTRY PUNS?



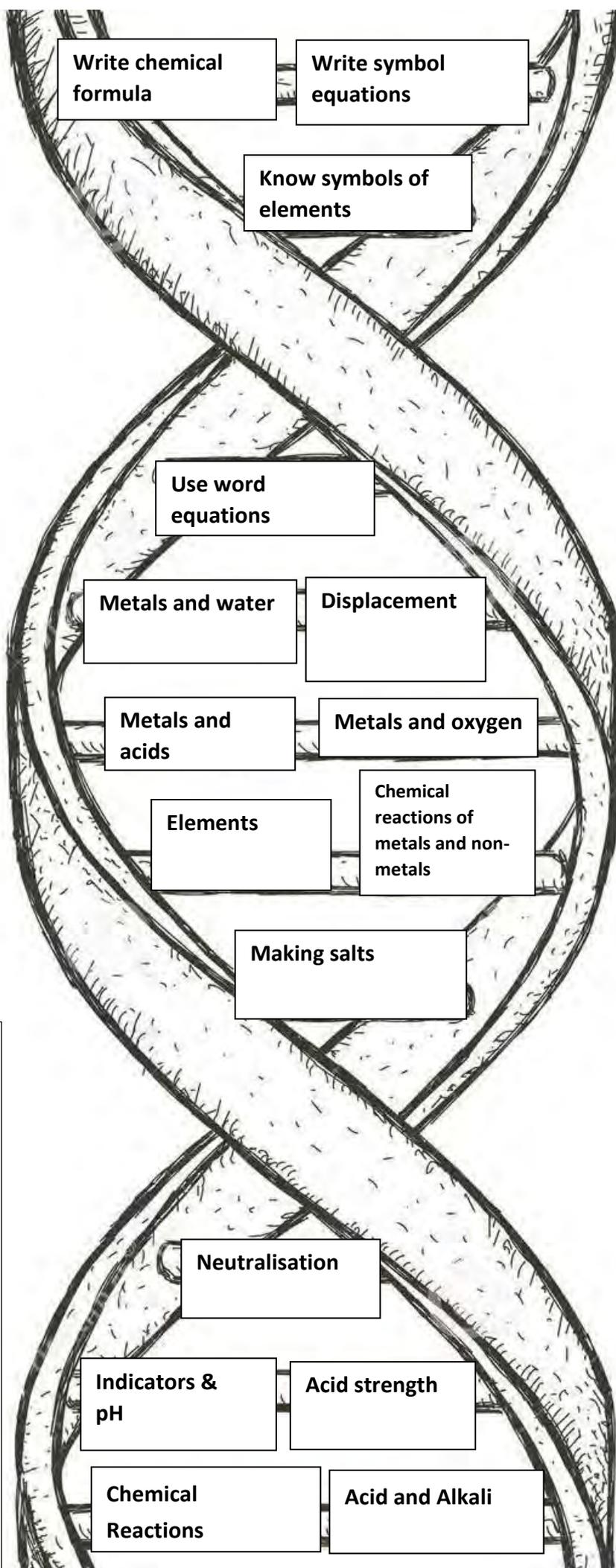
I'M IN MY ELEMENT

Fun fact: a tyre is one single polymerised molecule.



Chemical Reactions

Year 7

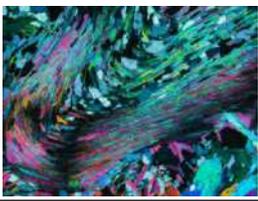


Taking it further: make your own red cabbage indicator



<https://www.sciencekiddo.com/red-cabbage-ph-indicator/>



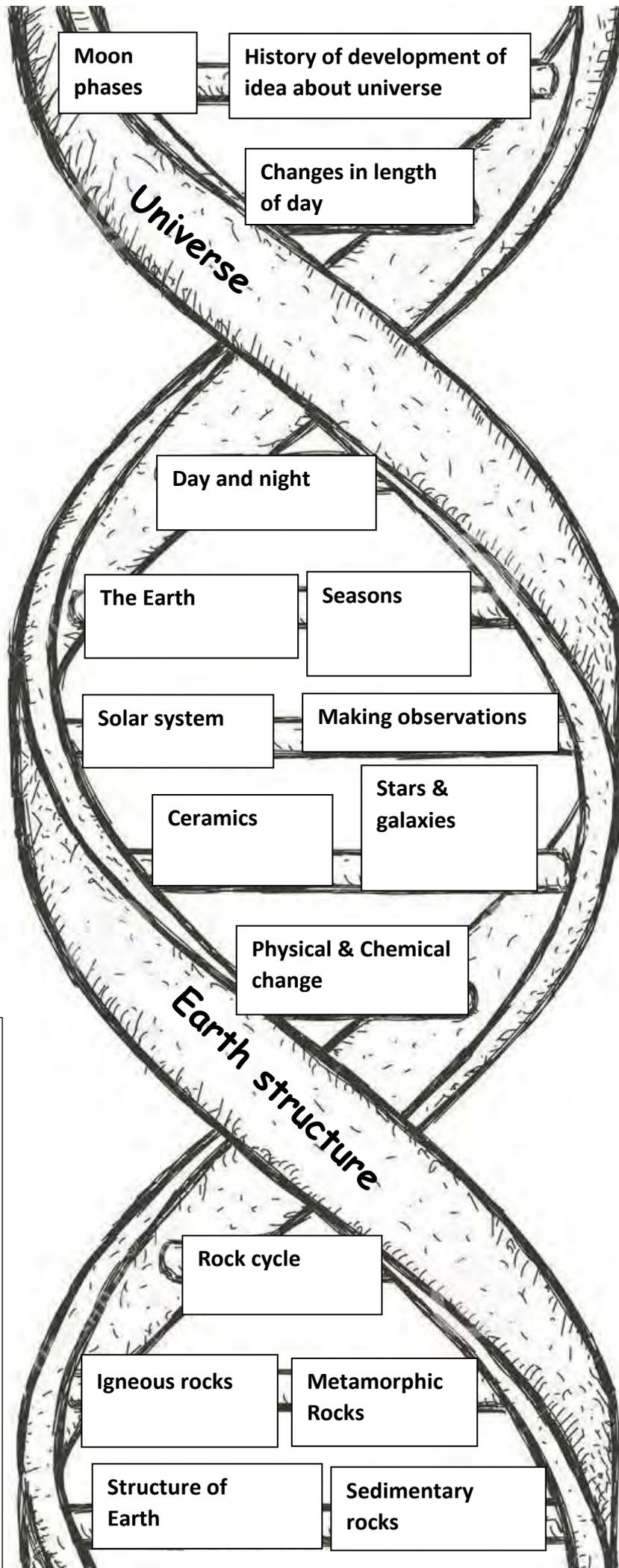


Geologists make thin sections so they can look at rocks down a microscope. What rock type is shown here?



How many galaxies are there? Where did the milky way get its name?

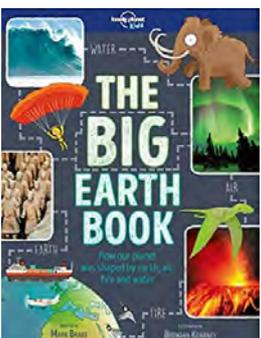
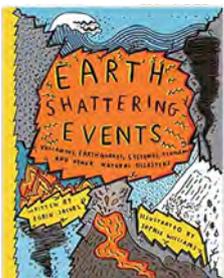
<https://www.sciencekids.co.nz/sciencefacts/space/galaxies.html>



Earth

Year 7

Recommended Reads





A typical experiment to measure energy in food.

What can we do with energy?



Social and economic and environmental effects of wasting energy

Calculate efficiency

Energy Transfer

Calculate wasted energy

Energy transfers

Energy dissipation

Conservation of energy

Energy stores

Be able to convert units

Be able to calculate the cost of electricity

Unit is the watt/ kilowatt

Energy Costs

Energy and Power

Energy resources

Renewable/ non renewable

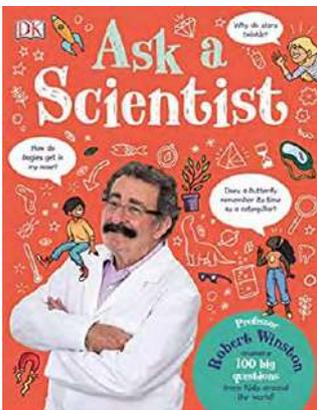
Food and fuels

Know unit of energy is a joule

Energy

Year 7

Recommended Reads



Eye Openers:

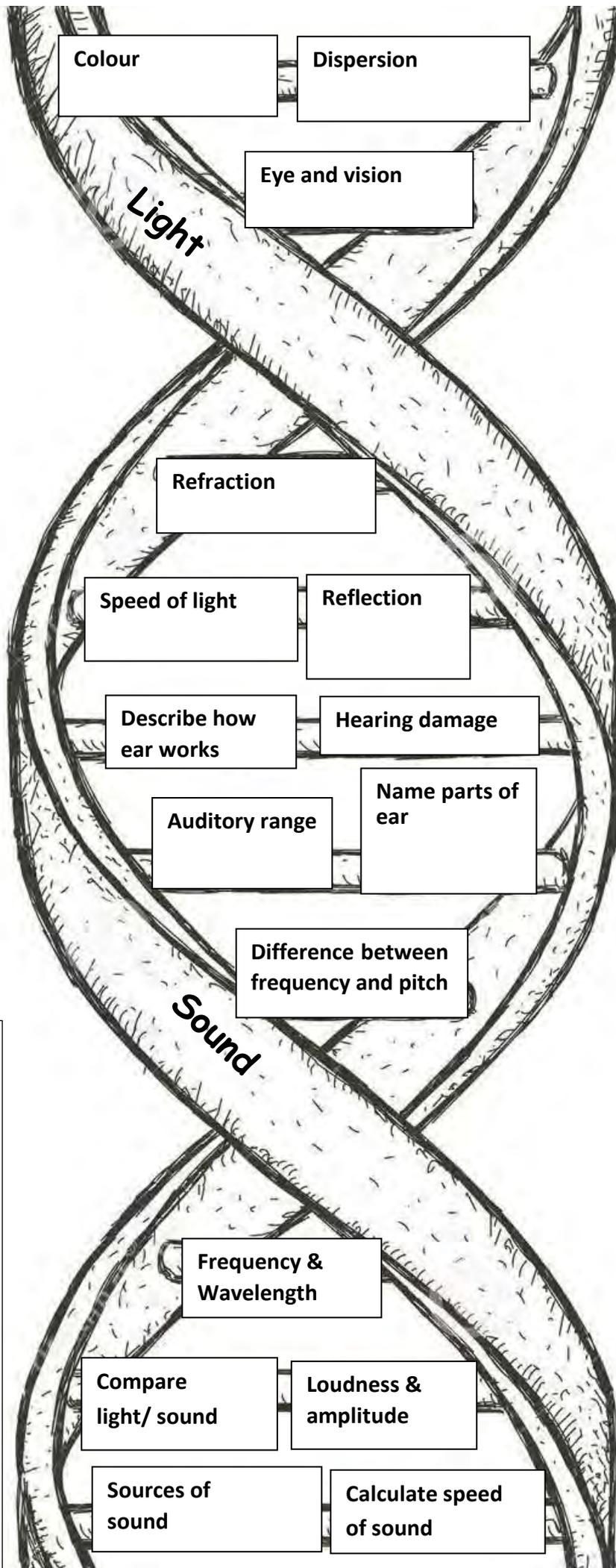
New borns don't shed tears. The most active muscle is the eye. Your eyes can get sunburned. An ostrich eye is as big as its brain. You blink 15-20 times per minute.

Does everyone see the same thing? What colour is the dress?

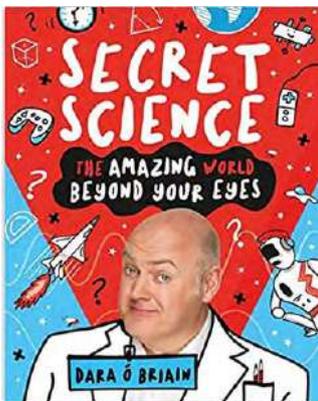


Waves

Year 7

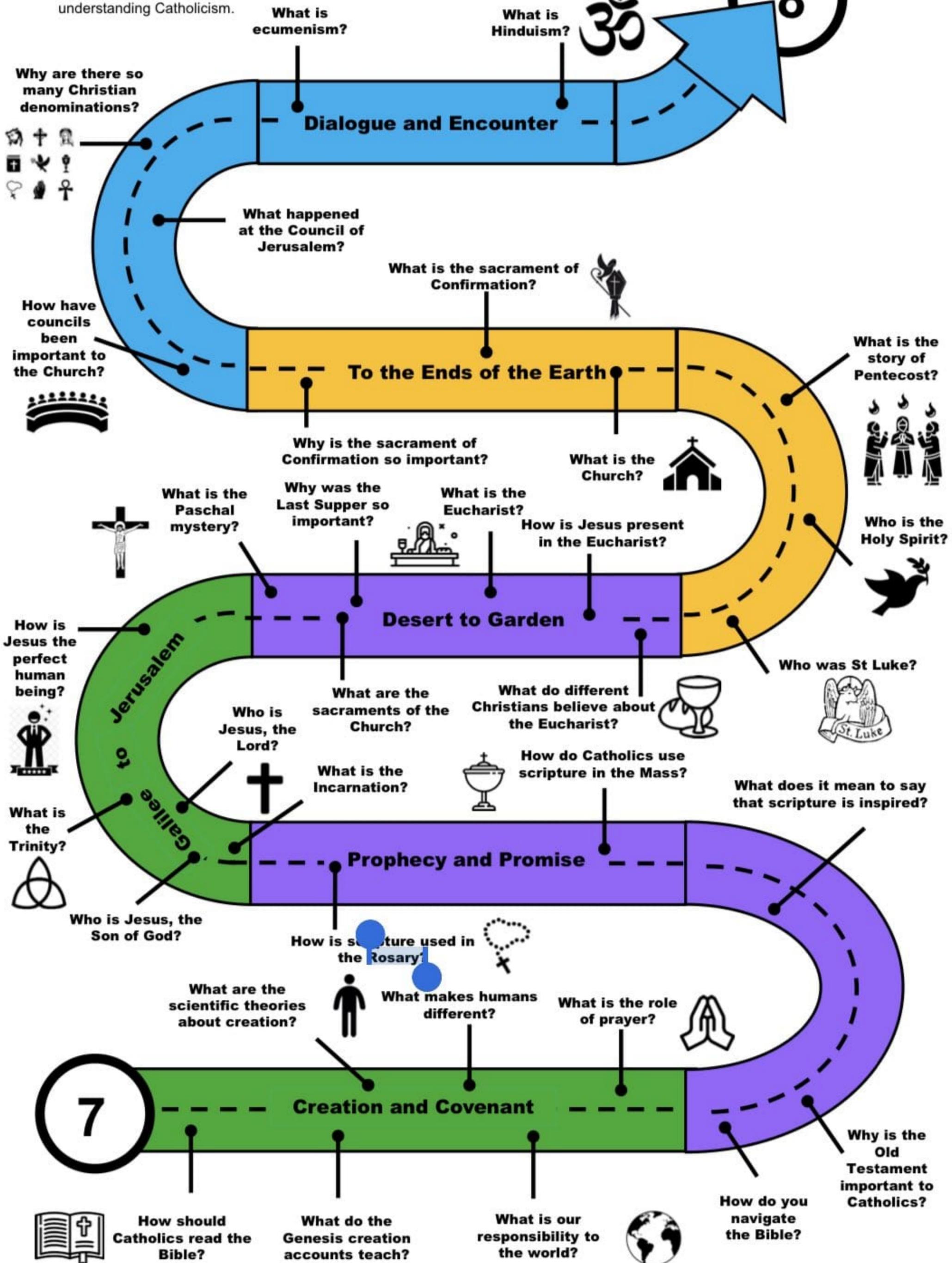


Recommended Reads



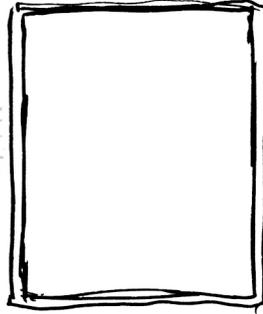
Year 7 Learning Roadmap

This year presents the theological foundations that are the basis for understanding Catholicism.



Y7 ART LEARNING ADVENTURE

ADVENTURER
PORTRAIT
← HERE



SKETCHBOOKS
OBSERVATIONAL DRAWING
HOW TO THINK WHEN YOU DRAW

COLOUR THEORY
MICHAEL CRAIG MARTIN
AND
COLOUR STILL LIFE MONTAGE

PERSPECTIVE DRAWING
ONE POINT PERSPECTIVE
ROOMS STREETS AND TRAINS
TWO POINT PERSPECTIVE
CITY BLOCKS

PORTRAITS
FACE STRUCTURE
FACIAL PROPORTIONS
LUKE DIXON
GEOMETRIC SHAPES

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

COMPLETE THIS DRAGON



FINISH

- KEY:-
- f ZOMBIES
 - V BIRDS
 - ☹ BLOBS ON LEGS
 - ♀ SKELETONS
 - 🕷 SPIDERS
 - # COWBOYS
 - ☠ DEMONS
 - 🦇 BATS

↑
EPIC BATTLE SCENE

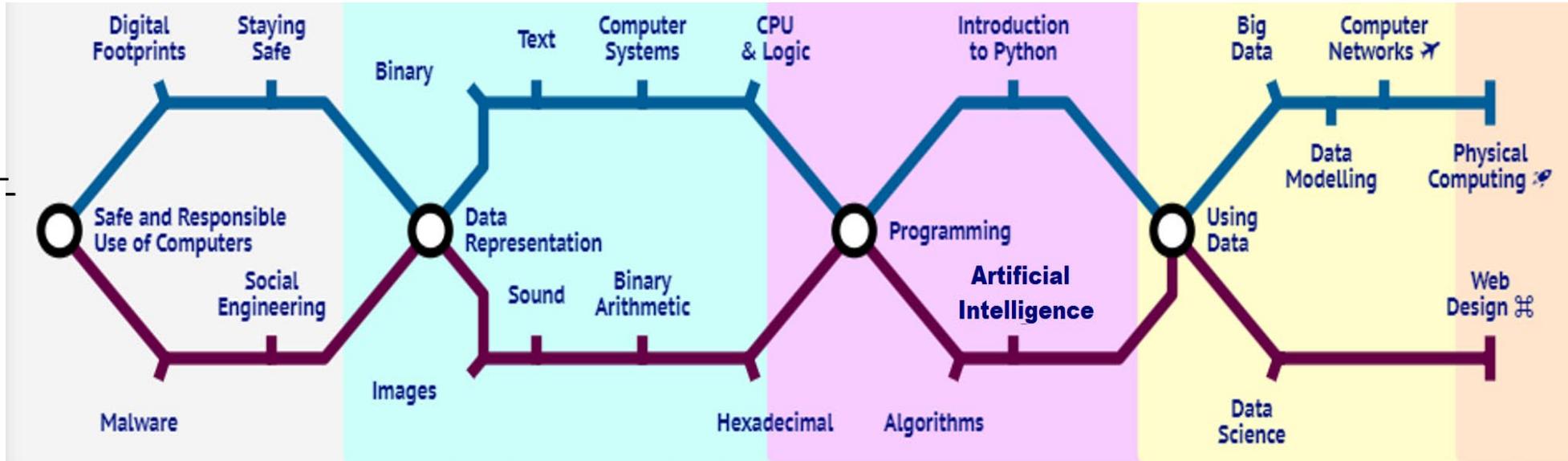
Year 7



Year 7 Assessment – December.
Acceptable use, online safety, online fraud, digital footprints and data representation.

Year 7 Assessment – end of May
All units except Physical Computing

Assessment
Baseline.
Year 7



The end of year units for year 7 and year 8 are creative projects with a relevant theme. They focus on introducing a new aspect of computing in a way that also provides opportunities to bring together knowledge and skills that have been covered before.

Year 8



Computing helps to develop computational thinking – the ability to solve problems, think logically, use abstraction and think algorithmically. A key aim of year 7 and year 8 Computing is to develop an understanding of the world around you; a world that is being constantly transformed by computers, the internet and smartphones.

Assessment – December.
Acceptable use, online safety, malware & social engineering, data representation and all units from year 7.

Assessment – end of May
All units from year 7 and year 8 except Website Design

DESIGN TECHNOLOGY



Brainstorming

Research

Writing a Specification

Students must gain an understanding of the different ways in which products are made and the scales of productions involved in the design and making process.

Scale of Production

Timber

Area and Volume

Students will need to calculate the area and volume of the materials they will be using in order to ensure wastage is limited.

Writing a Brief

A combination of graphic design and electronics this project is about creating a greeting card with a LED circuit.

Creating Designs

Students will learn a range of drawing skills including one point perspective and oblique.

Tools

The final project consists of making a desk tidy. Students will be taught how to use a variety of tools & machines as well as learning about different materials & processes.

Input-Process

Learning to Solder

Students must learn how to solder safely and understand the purpose of the components.

Working Drawings

Students will learn a range of drawing skills including one point perspective and oblique.

Planometric

The final project consists of making a desk tidy. Students will be taught how to use a variety of tools & machines as well as learning about different materials & processes.

Desk Tidy

Health & Safety

In addition they must learn about the design processes and how to develop a product from initial concept to finished item.

Making a circuit

Mechanical Forces

Electronic Components

First Day of School

Making a card

Mechanical Forces

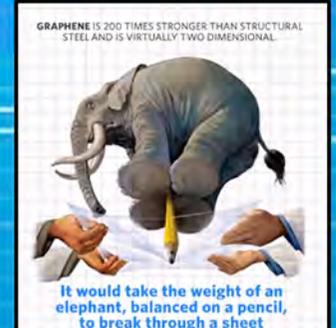
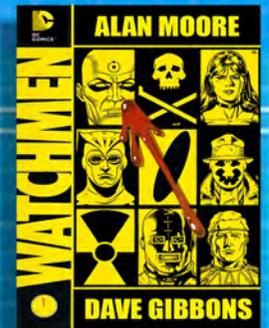
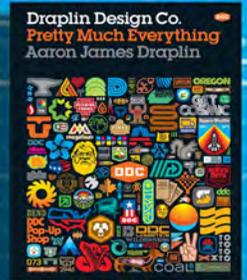
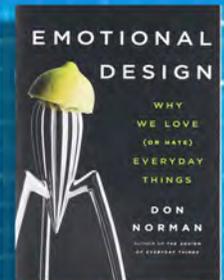
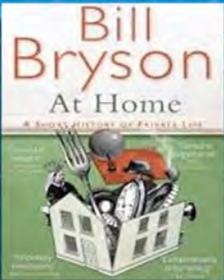
Mechanical Forces

1 Point Perspective

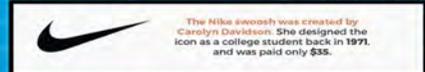
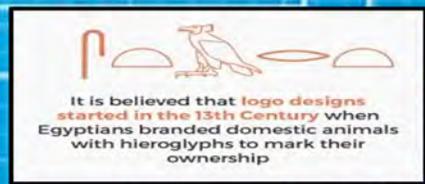
EXAM

End of year Exam
1 hour
100 marks

Design Technology: Books to Read



Did you know?



YEAR 7 FOOD LEARNING JOURNEY

BASELINE ASSESSMENT

This will help establish your flight path in food.

You will be learning about the nutrition in food.

You will learn how to cook safely.

You will develop your technical skills.

BASIC NUTRITION

You will learn about the nutrients found in food and the functions of food in your body.

You will learn about the government guidelines and recommendations for healthy eating.

EATWELL GUIDE

You will learn how the Eatwell Guide promotes a balanced diet.

HYGIENE AND SAFETY

You will learn about the potential dangers and risks in the food room

You will learn about the 4 C's, how to prepare, cook and store food so it's safe to eat.
You will learn how to wash up and use equipment safely

You will learn how to identify potential risks and prevent accidents.

PRACTICAL LESSONS- KEY SKILLS

FRUIT MUFFINS	FRUIT SALAD	PASTA SALAD	SCONES	MACARONI CHEESE	SAUSAGE ROLLS	FAIR TRADE COOKIES
Making batter.	Classification of fruits .	Boiling .	Rubbing method	Sauce making	Rolling and shaping pastry	Weighing and measuring .
Portion control	Bridge Hold	Managing hob	Combing ingredients	Grating	Handling high risk ingredients	Creaming in method
Setting temperature	Claw grip	Combining ingredients	Shaping Ingredients	Managing hob/ oven	Shaping and forming pastry.	Forming and shaping
Weighing	Presentation skills	Seasoning	Forming Ingredients	Recipe adaption	Whisking egg for glaze	Recipe adaptation

SENSORY ANALYSIS

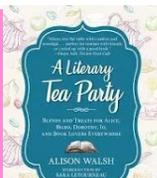
TASTE
TEXTURE
AROMA
APPEARANCE

The sensory of food is very important. Sensory evaluation helps to make sure a food product meets the expectations of consumers.

You will use sensory analysis to make comparisons and develop or adapt your food product.

BOOK 1

A Literary Tea Party
By Alison Walsh



BOOK 2

Scone with the Wind
by Victoria Sponge



WEBSITES

www.bbcgoodfood.com

www.nhs.uk/change4life

www.fooafactforlife.org.uk

READING LIST

CROSS CURRICULAR LINKS

*Maths – weighing and measuring. *English – following a recipe, sensory word descriptors. *Economic/ Business- Fair Trade

*Science – functions of food in body, enzymic browning, raising agents in food using the principles of acids and alkali's.

*PSHE- British values, cultural cuisine/ international cuisine, Food Provenance- organic ingredients seasonal ingredients.

*PE – functions of food in body, energy consumption vs energy intake.

 We've adopted many French words in English. *Silhouette, entrepreneur, brunette, justification, fiancé, omelette. How many more can you name?*

 About 300 million people across the world speak French

 The French flag is known as the "Tricolore" (3 colours) 

 The Mona Lisa is known as "La Joconde" in France 

 With over 75 million tourists every year, Paris is the most visited city in the world 

 Aside from Hollywood, France produces the most films worldwide

Year 7 French Learning journey

Module 1

Moi



Family
Hobbies
Descriptions
Birthdays

Module 2

En classe



Subjects
Uniform
Routine
My school

Module 3

Mon temps libre

Sports
Activities
Likes & dislikes
Celebrity interviews



Module 4

Ma vie de famille

Pets
Family
Where I live
Breakfast
Celebrations



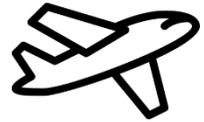
Module 5

En ville



Weekend plans
At a café
Food and drink
Future plans

Point de départ



French sounds
Numbers
Greetings

End of year test

Year 8

La littérature française

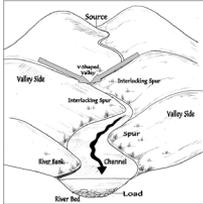


Practise French at <https://languagesonline.org.uk>

In Year 7 at Trinity you will cover 3 Units (Maps and UK, Africa and Rivers). 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).

Key to lines

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



The Nile River is the longest river in the world (6650km), the Amazon River is the largest by discharge (340,000 m³/s). The longest river in the UK is the River Severn (354km).



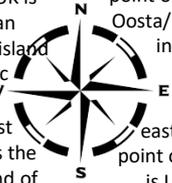
Why? Place knowledge is very important! You should understand how places are connected and where they are. Connections to place occur through sharing cultures through Music and Food.

The study of geography is about more than just memorizing places on a map. It's about understanding the complexity of our world, appreciating the diversity of cultures that exists across continents. And in the end, it's about using all that knowledge to help bridge divides and bring people together.
— Barack Obama —

Why? Everyone likes a holiday but how you consider the social and environmental impacts of travel? R.E teaches us to respect creation. English writing skills will be essential here.

Why? Fieldwork is an important element of Geography. You will develop skills in collecting and analysing data whilst introducing you to factors that can affect weather and climate

The Westernmost point of the UK is Rockall. It is an uninhabited island in the Atlantic Ocean.
The southernmost point of the UK is the uninhabited island of Pednathise Head, Isles of Scilly.
The northernmost point of the UK is Oosta/ Out Stack in Shetland, Scotland.
The easternmost point of the UK is Lowestoft Ness, Suffolk.



Why? Understanding how the world around you is made, there are Science links with rock type and erosion.

Key Words & Spellings:

Continent, Stakeholder, Environment, Sparsely, Relief, Density, Misconception, Development, Precipitation, Sustainable, Evaporation, Microclimate, Hydraulic Action

US Mapping Skills
Essay Structure

Prior KS2 Learning: Compass Direction, 7 Continents, 5 Oceans, South America

- Windows 365
- Geog.1 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>

From the Global to the Local – continents to Woodford

Africa 54 Countries!

Kenyan Tourism

Microclimates

River Landforms

Year 8

Enquiry Question

UK Geography

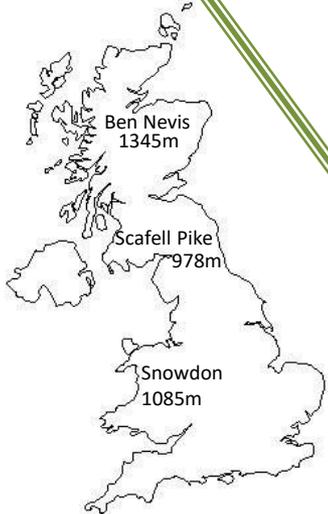
Why? The U.K is your home. The physical location of our major mountains, rivers and counties should be understood as well as population density. There are historical links to why we settle in places.



River Flooding

Why? Geographers save lives! Understanding the physical causes of hazards and how to mitigate risk saves lives.

GEOG JOB?



Mid-year exam

Microclimates Assessment

Year 7 HISTORY

Learning Journey

1066 and all that (named after a humorous book on British history; you should try and read it) Three kings and two battles to decide the fate of England...

Did you know? The Battle of Hastings took place on 14th October 1066

The Norman Conquest: How to take over a country and transform it in only twenty years! We call that a revolution...

CHRISTMAS TEST

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

How religious were people in the Middle Ages?

Everyone was a Christian, everyone was a Catholic, everyone believed in heaven and hell; and, everyone knew that Jerusalem should be Christian again...

SPRING TERM ASSESSMENT

Why was Thomas Beckett murdered?

Life in the Middle Ages

So much to cover in this unit! Castle design, siege warfare, who lived in castles, what life was like in villages and towns and what did they do for fun?

Did you know? Early football games were played with a 'ball' usually a pig's bladder filled with straw!

Health and Medicine in the Middle Ages

How smelly were the Middle Ages...and WHY was there such a stink?! How deadly was The Black Death? And how did they try to cure people?

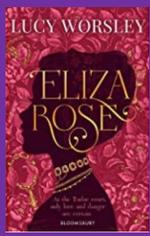
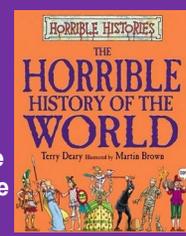
Here come the Tudors!

Everyone has heard of Henry VIII, but there were several other well known Tudor monarchs that you must look at, including Henry VII, Bloody Mary and Edward VI

END OF YEAR TEST

To check your knowledge and understanding of the work you have undertaken in your first year at Trinity!

Did you know? History is about what happened in the past to people, what they did and why they did it. To enjoy history you need to be able to imagine what life was like long ago for all sorts of people.



Reading Books

1066 Chronology 1381

Chronos is the god of time in Greek mythology. Putting events in their order of time and understanding how dates and centuries are calculated is vitally important in making sense of history.

1215 1348 1558
1314 1485 1509

History skill

Writing a narrative account explaining why things happened, what did happen and what the importance of that event was – in other words, telling a story.

Did you know? People tried to cure The Black Death by killing a toad, drying it in the sun and then holding it on their skin!

History Skill

Interpreting evidence of the past. To develop this skill, you will look at historians' views of the past to work out why they held different views about the same event.

History Skill

Working out the significance, or importance of an event; when you study people and events from different periods you might be asked to consider how significant that person or event was.

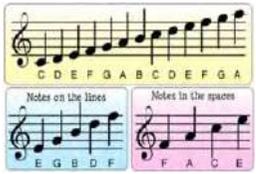
Did you know? There is a west end musical called 'Six' about Henry VIII's six wives. Give the songs a listen, to learn their stories!

History Skill

Looking at change and continuity in history is an important skill. Some things change over time, like Henry VIII's waistline, and some things don't!

2023-2024

Year 7 Music Learning Journey



Did you know?
The most expensive Violins ever sold was auctioned for £13m!

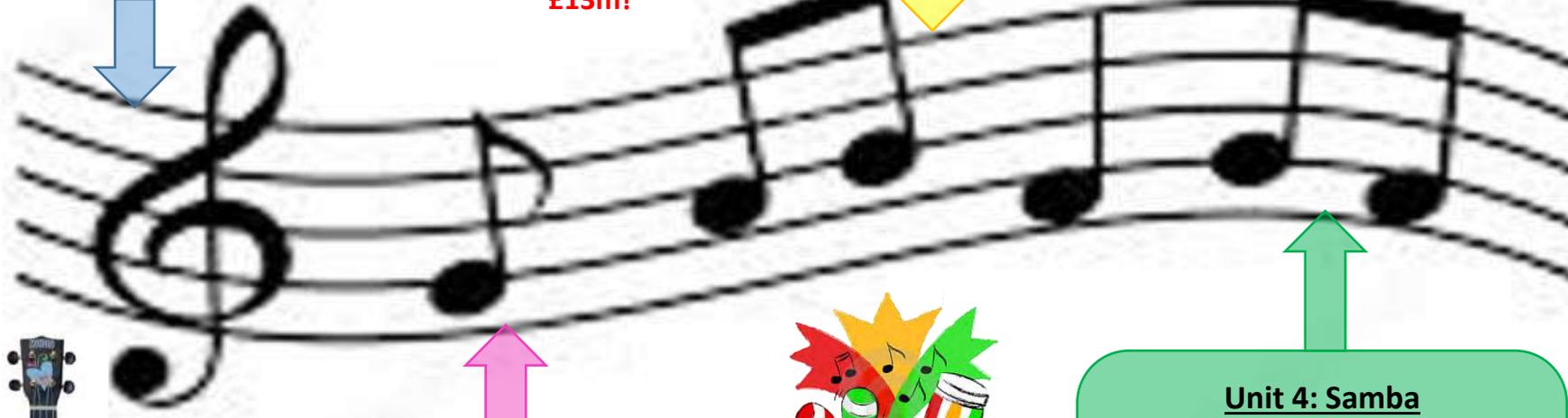
Unit 3: Theme Music
Character Motifs
Music, Mood and Scales
What makes a successful Melody?
How to develop a musical idea



Did you know?
One of the most iconic character motifs ever written is the famous 'shark theme' from the movie 'Jaws' – it only uses two notes!



Unit 1: Introduction to Music
The Elements of Music
Stave Notation
Keyboard Skills
Instruments of the Orchestra



Did you know?
'Ukulele' is a Hawaiian word which translates as 'jumping flea'

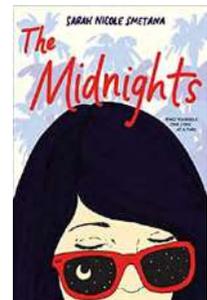
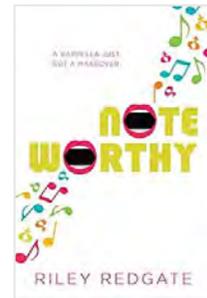


Unit 2: Ukulele
Tablature
Chord Diagrams
Plucking & Strumming
Song Structure
Performance Skills



Did you know? Brazilian carnivals are so loud, the Samba Band leader has to give signals to the players using a piercing whistle called an 'apito'

Unit 4: Samba
Instruments of Samba
Polyrhythms and 'The Groove'
Breaks
Call and Response
Rhythmic Notation



Recommended Reads

Trinity Year 7 Physical Education Journey



OAA

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



Cricket
Your lessons will look at developing batting, bowling, fielding and applying tactics within the game.



Leadership

All Year 7 students will be completing the Young Sports Leaders Award, accredited by Sports Leaders UK.



Show Your Commitment

How many can you complete?



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

Football
Your lessons will be tailored towards developing passing, shooting and both attacking/defensive aspects of the game.



Tennis

Your lessons will look at developing various forehand & backhand strokes, serving and the basic rules of the game.



Rounders

You will be learning about bowling, batting, fielding, positioning and tactical play within this unit.



Summer Term

Badminton

Your lessons will look at attacking shots and defensive shots, serving and the basic rules of the game.

Basketball

You will be developing the basic core skills needed to compete in a game of Basketball, such as passing, dribbling attacking, defending and shooting.



Athletics

Your lessons will be covering the three disciplines of athletics: Throws, Runs and Jumps. You will develop an understanding of the basic technique required for each event.



Volleyball You will learn the basic skills and apply these in mini games



Dance

You will learn the basics of choreography whilst doing social dance in small groups.



Autumn Term

Gymnastics

You will be developing the basic components of a routines, which focus on Balances, Rolls, Travel and Jumps.



Invasion games

You will develop an understanding of attack and defence, whilst developing core skills such as passing, movement and creating space.

Recommended Reads



Fixtures Each Year

Below are the fixtures we compete in across the year

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



Your Physical Education Journey starts here ...

Year 7 Spanish Learning Journey



Module 1—Mi Vida

- ◆ my personality
- ◆ my family and pets
- ◆ birthdays
- ◆ using numbers
- ◆ alphabet

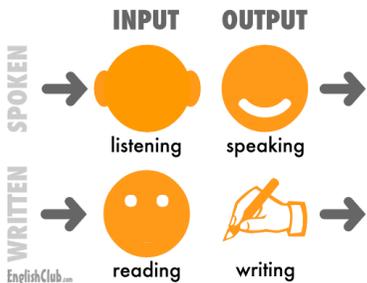


Module 2—Mi tiempo libre

- ◆ sports
- ◆ free time activities
- ◆ giving opinions
- ◆ weather



Did you know?
Spanish comes top of the list of the ten most important languages for the UK's future.



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

Module 3—Mi Insti

- ◆ saying what you study
- ◆ describing school
- ◆ breaktime activities



Did you know?
Spanish is the official language in 21 countries.

Module 4—Mi familia y mis amigos

- ◆ family
- ◆ physical descriptions
- ◆ where you live
- ◆ Carnaval in Cádiz



End of year Exam
Listening, Reading, Writing



Module 5—Mi ciudad

- ◆ describing your town
- ◆ telling the time
- ◆ ordering in a café
- ◆ saying what you are going to do at



Spring Assessment
Speaking

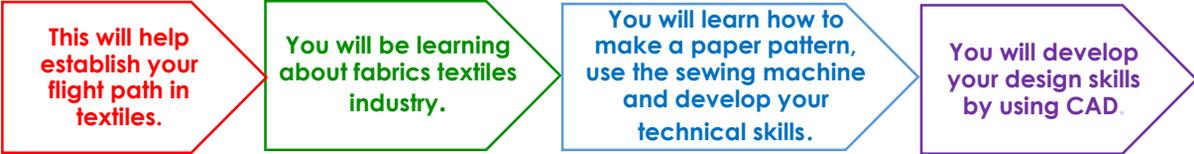
Did you know?
There are 577 million Spanish speakers around the world.



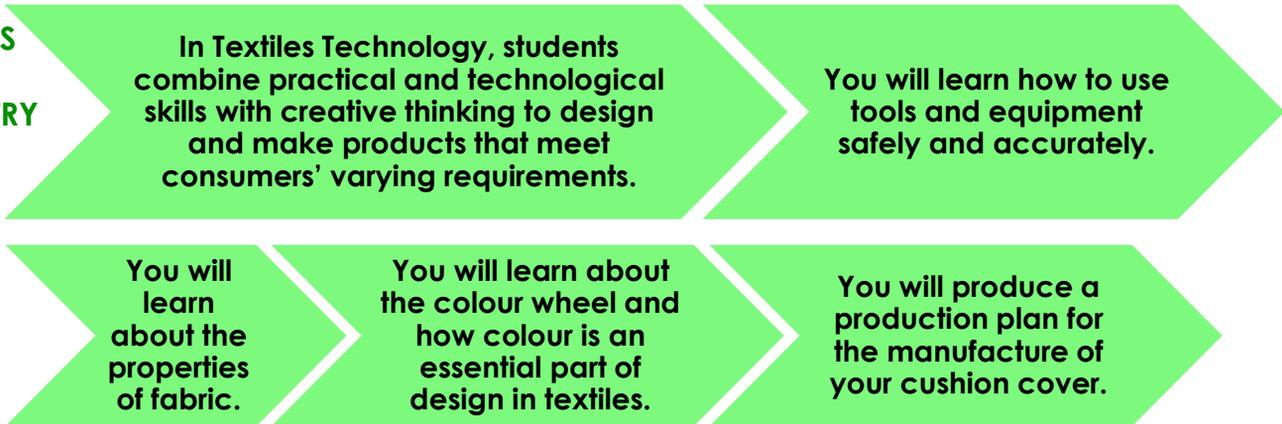
Academic Reading
Please refer to Teams for articles on Gastronomy, Geography, History and Festivals in Spain.

YEAR 7 TEXTILES LEARNING JOURNEY

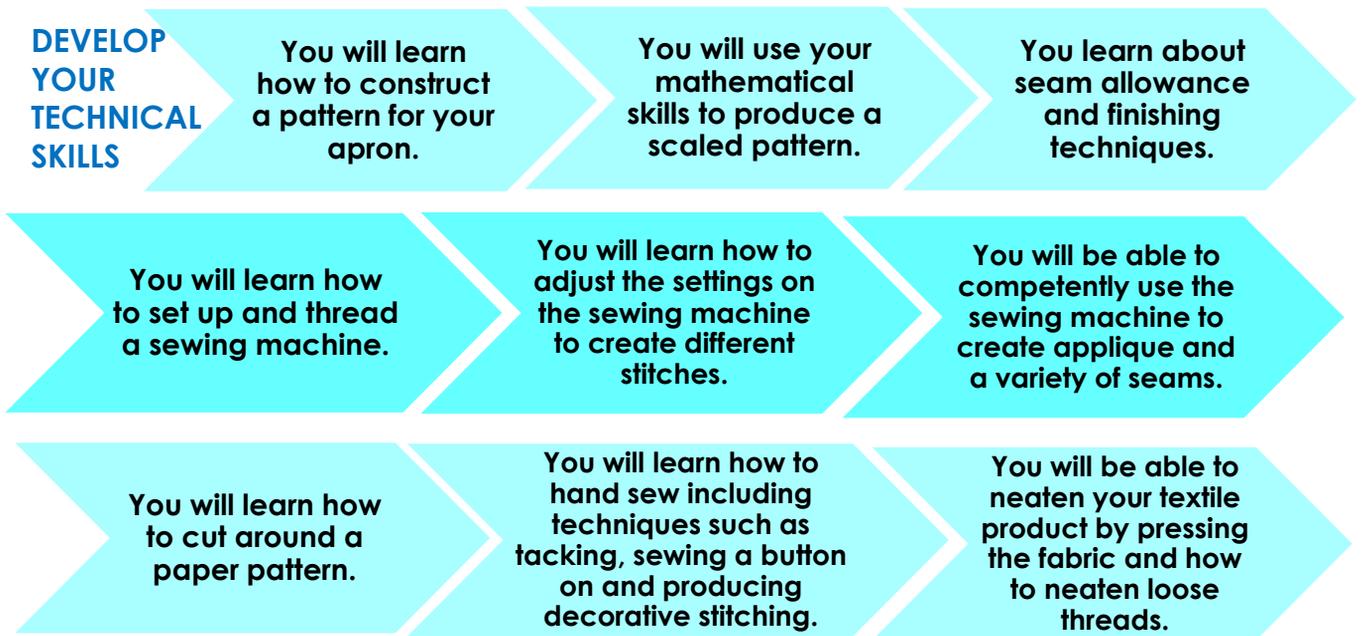
BASELINE ASSESSMENT



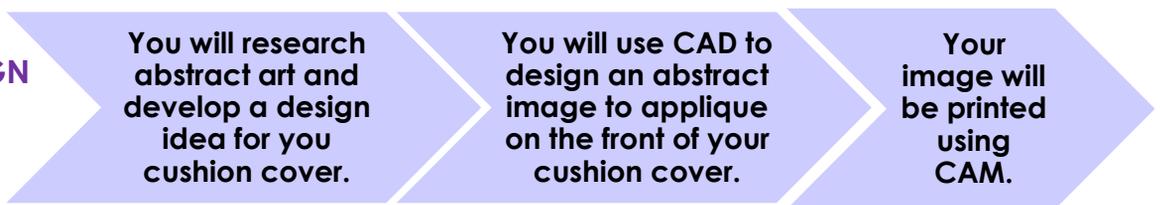
TEXTILES AND INDUSTRY



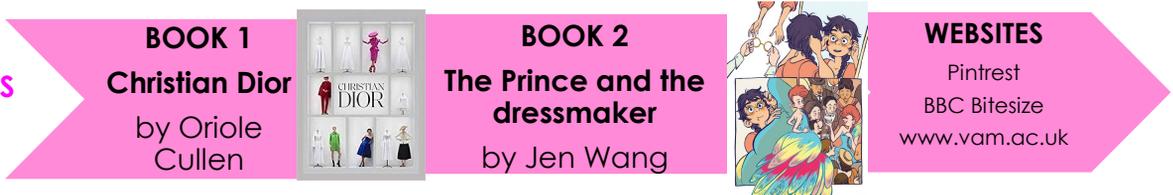
DEVELOP YOUR TECHNICAL SKILLS



DEVELOP YOUR DESIGN SKILLS



READING SUGGESTIONS



CROSS CURRICULAR: Maths – costing of the final product, measuring accurately./English- writing a production plan./Art – colour wheel, abstract art./Citizenship – ethical production of clothing, recycling, throw away society./