



Fir Vale Academy

The best in everyone™

Part of United Learning

KS3 (Year 7)

Revision List

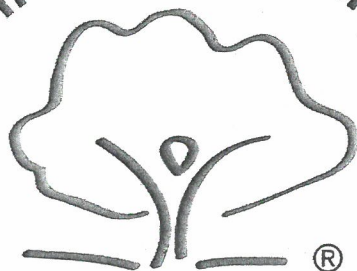
Please use this revision list to revise for everything you have studied during Term 1.

If you have any questions regarding this pack come and see Mr.Darazkan or send an email to mdarazkan@firvale.com

REVISION TIPS

A handy guide for
HOW
to revise

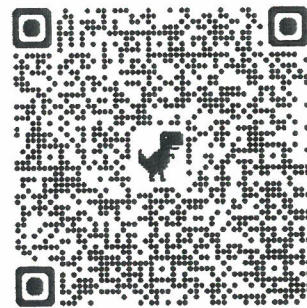
Fir Vale Academy



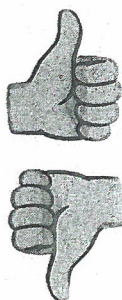
The best in everyone™

Revision Tips

2, 3, 5, 7



1. **Initial Session (Day 1):** Learn a new topic or review your notes for the first time.
2. **Day 2:** Look at the material again, this time on the second day after your first revision session.
3. **Day 3:** Look at the information for a third time.
4. **Day 5:** Revise the topic again, this time on the fifth day from your first revision session.
5. **Day 7:** Conduct a final review on the seventh day.



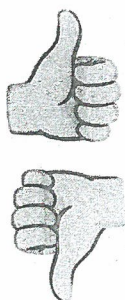
This will be a useful revision strategy for me because:

Subjects I will use this for will be:

Revision Tips Postcards



- Write a key topic or question on one side of a postcard.
- Write a detailed answer, definition, example, or mnemonic on the other side.
- You could use visuals or short phrases to summarise information.



This will be a useful revision strategy for me because:

Subjects I will use this for will be:

Revision Tips

Dual Coding

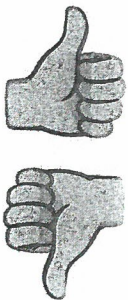


Learning information through visual images and language.

Using diagrams and illustrations.

Using flow charts and timelines.

Increases your ability to understand and remember information needed for your exams.



This will be a useful revision strategy for me because:

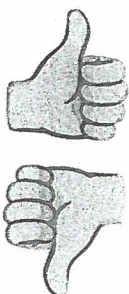
Subjects I will use this for will be:

Revision Tips

Mind-maps



- Visualises ideas and concepts, providing a clear and structured way to capture and organise thoughts.

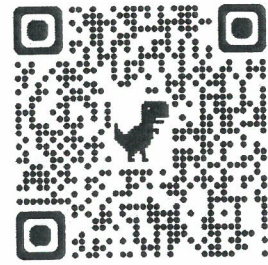


This will be a useful revision strategy for me because:

Subjects I will use this for will be:

Revision Tips

Spacing



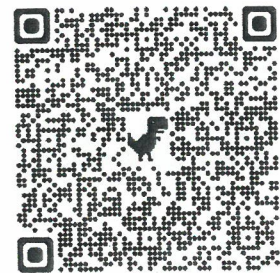
- Breaking up revision sessions with time in between.
- Do not cram all of your revision into one session.
- This will improve your long-term memory retention.



This will be a useful revision strategy for me because:

Subjects I will use this for will be:

Revision Tips



A good study partner

- Work with another student to test each other or to ask questions to.
- Make sure this student is as motivated as you are.
- Don't study with someone who will distract you from your revision.



This will be a useful revision strategy for me because:

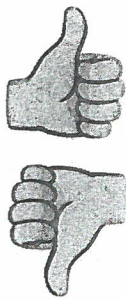
Subjects I will use this for will be:

Revision Tips

Retrieval Practice



- Involves recalling (retrieving) information from your memory.
- This strengthens your long-term memory and learning.
- Could involve quizzing, practice papers, or re-writing what you have learned.



This will be a useful revision strategy for me because:

Subjects I will use this for will be:



Get My
Grades

www.getmygrades.co.uk

Week commencing: _____

My Weekly Revision Timetable

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
8:00 am							
9:00 am							
10:00 am							
11:00 am							
12:00 am							
1:00 pm							
2:00 pm							
3:00 pm							
4:00 pm							
5:00 pm							
6:00 pm							
7:00 pm							
8:00 pm							

Tip 1: Stay positive - if you work hard and practise effectively, you will succeed!

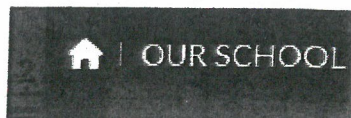
Tip 2: Test yourself, don't just read. Use practice questions and mark them or re-write notes from memory.

Tip 3: Be disciplined - stick to your plan! You can change/move it, but make sure you stick to it!

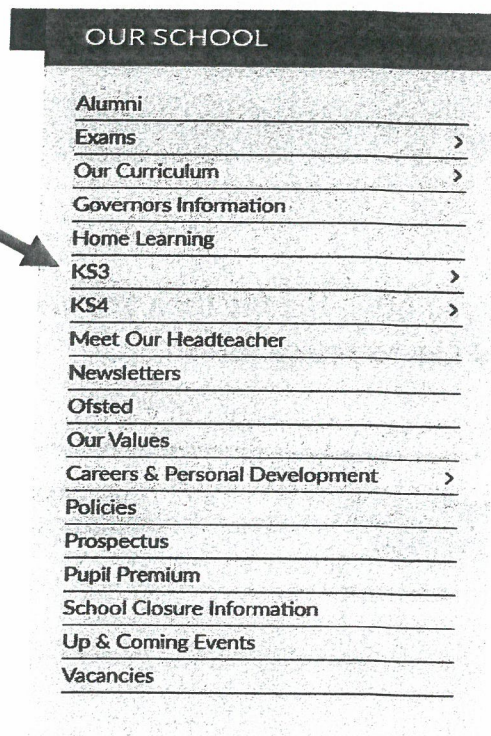
How to find your subjects Knowledge Organisers on Fir Vale School Website

1- Go to <https://www.firvale.com/>

2- Click on the tab 'Our School'.



3- Click on 'KS3' tab



4- Click on 'Knowledge Organisers'.

OUR SCHOOL

KS3



5- Click on the relevant Knowledge organiser for your year group.

OUR SCHOOL

KNOWLEDGE ORGANISERS

UNITED LEARNING KNOWLEDGE ORGANISER YEAR 7

UNITED LEARNING KNOWLEDGE ORGANISER YEAR 8

UNITED LEARNING KNOWLEDGE ORGANISER YEAR 9

6- Once you open the file then you will need to find the subject that you would like to revise for.



United Learning
The best in everyone



United Learning
The best in everyone



United Learning
The best in everyone

Y7 Knowledge Organiser

Name:
Tutor Group:
Tutor & Room:

Y8 Knowledge Organiser

Name:
Tutor Group:
Tutor & Room:

Y9 Knowledge Organiser

Name:
Tutor Group:
Tutor & Room:

7- Find the subjects that you would like to revise for in the content table and then scroll down to find the relevant Knowledge Organiser.

Contents

01.	English
11.	Maths
20.	Science
33.	History
39.	Geography
44.	French
51.	Spanish
58.	RE
62.	Music
66.	PE

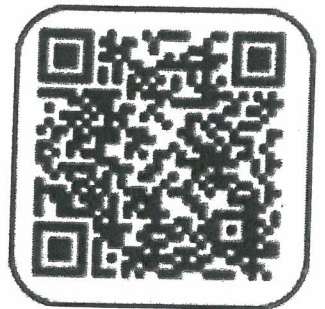
How do I revise for my next English assessment?

This sheet will help you understand what kind of questions you will get in your next English test. It will also give you links to on line videos and quizzes you can try at home to help you revise.

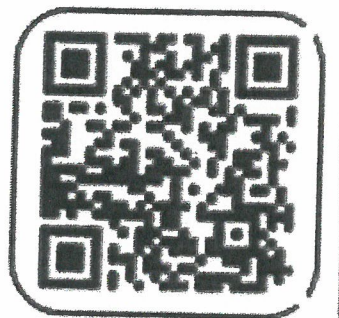


The best way to revise for any test is to make sure you are always doing your Sparx Reader homework. It gives you short pieces of a story to read and answer questions on, which is exactly what you will be doing in your next English test!

Punctuation and Grammar- In the test you will be asked to correct sentences using capital letters, commas and full stops in the right place. Use this quiz to test how good you are at punctuation!

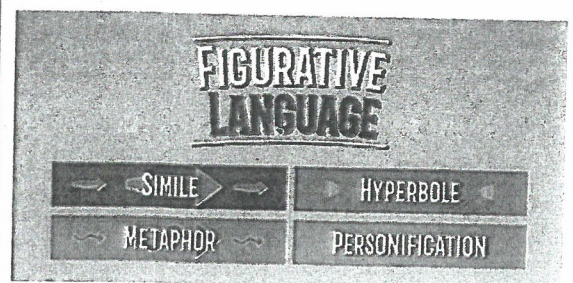


Sentence types- In the next test, you will be asked about different types of sentences and how we might use them. Use this link that will show you a video and a quiz on what the different types of sentences are!



This video will guide you through verbs, nouns, adjectives and adverbs. You will need to know these for the test. Use this link to find the video:
<https://youtu.be/7zRih61HCZs>

This video will guide you through similes, metaphors and personification. You will need to know these for the test. Use this link to find the video:
<https://youtu.be/NegoYluXoEA>



Year 7 Maths Revision Lists

Year 7 End of Year Assessment Topics		Sparx Codes
Numerical Skills	Understand and use place value for decimals. Calculations with negative numbers. Estimate calculations by rounding.	M763, M704, M522, M527, M135, M111, M431, M878
Order of operations	Solve calculations requiring understanding of B-I-DM-AS (know that the inverse of squaring is 'square rooting')	M521
Introduction to Algebra	Introduce the concept of algebra, simplify expressions, manipulate expressions through simple one step rearranging, substitute positive and negative integers into expressions, solve simple one step equations. Substitute and solve.	M106, M830, M813, M795, M531, M417, M327, M208, M979

Year 8 Maths Revision Lists

Year 8 Maths so far		Sparx
Powers and Roots	Use integer powers and associated real roots (square, cube and higher), recognise powers of 2, 3, 4, 5 and distinguish between exact representations of roots and their decimal approximations	M135, M608
Prime Factorisation	Use the concepts and vocabulary of prime numbers, factors (or divisors), common factors, prime factorisation, including using product notation and the unique factorisation property (HCF and LCM with large numbers taught in 9.04)	M322, M823, M108, M365, M227, M698
Rounding	Round numbers and measures to an appropriate degree of accuracy [for example, to a number of decimal places or significant figures]	M111, M431, M994, M131, M878
Fractions	Multiply and divide fractions and mixed numbers	M939, M410, M671, M601, M835, M931, M157, M197, M110, M265

Important Year 7 Topics		Sparx
Numerical Skills	Understand and use place value for decimals. Calculations with negative numbers. Estimate calculations by rounding.	M763, M704, M522, M527, M135, M111, M431, M878
Order of operations	Solve calculations requiring understanding of B-I-DM-AS (know that the inverse of squaring is 'square rooting')	M521
Introduction to Algebra	Introduce the concept of algebra, simplify expressions, manipulate expressions through simple one step rearranging, substitute positive and negative integers into expressions, solve simple one step equations. Substitute and solve.	M106, M830, M813, M795, M531, M417, M327, M208, M979
Primes, Factors and Multiples	Use the concepts and vocabulary of prime numbers, factors (or divisors), multiples, common factors, common multiples, highest common factor, lowest common multiple	M227, M823, M698, M322, M829
Expanding and Factorising 1	Simplify and manipulate algebraic expressions to maintain equivalence by multiplying a single term over a bracket or by taking out common factors	M288, M237, M792, M100
Addition and Subtraction	Use Addition and Subtraction, including formal written methods, applied to integers, decimals	M928, M429, M347, M152, M899
Multiplication and Division	Use Multiplication and Division, including formal written methods, applied to integers, decimals	M113, M911, M187, M803, M462, M354, M873, M262
Area of triangles and quadrilaterals	Derive and apply formulae to calculate and solve problems involving area of triangles and quadrilaterals. Converting metric units of area.	M900, M390, M291, M610, M269, M996

Year 9 Maths Revision Lists

Year 9 Maths So Far		Sparx
Decimal Manipulation	Apply all four operations using non calculator methods when working with decimals, this includes both dividing a decimal by an integer and dividing a number by a decimal.	U417, U478, M462, U735, U127, U293, U453, U868, U976
Estimation and Limits of accuracy	Use rounding in order to complete estimations (rounding to both one significant figure and applying sensible rounding), using inequality notation to write error intervals from both rounding and truncation.	U480, U298, U731, U965, U225, U657, U587, U108, U301
Related Calculations	Recognise and use relationships between operations in order to write down the answer to a related calculation from a given calculation.	U735
HCF & LCM of large numbers	Use prime factor decomposition and Venn diagrams in order to find the HCF and LCM of large values.	U211, U751, U529, U236, U739, U250
Fraction Calculations	Apply all four operations using non calculator methods when working fractions and mixed numbers involving different denominators, finding the fraction of an amount, writing one number as a fraction of another and to find the reciprocal of an integer, decimal or fraction.	U736, U692, U793, U475, U224, U544, U538, U881, U916, U163

Important Year 7 and Year 8 Topics		Sparx
Numerical Skills	Understand and use place value for decimals. Calculations with negative numbers. Estimate calculations by rounding.	M763, M704, M522, M527, M135, M111, M431, M878
Introduction to Algebra	Introduce the concept of algebra, simplify expressions, manipulate expressions through simple one step rearranging, substitute positive and negative integers into expressions, solve simple one step equations. Substitute and solve.	M106, M830, M813, M795, M531, M417, M327, M208, M979
Primes, Factors and Multiples	Use the concepts and vocabulary of prime numbers, factors (or divisors), multiples, common factors, common multiples, highest common factor, lowest common multiple	M227, M823, M698, M322, M829
Area of triangles and quadrilaterals	Derive and apply formulae to calculate and solve problems involving area of triangles and quadrilaterals. Converting metric units of area.	M900, M390, M291, M610, M269, M996
Adding and Subtracting Fractions	Use addition and subtraction, including formal written methods, applied to proper and improper fractions, and mixed numbers	M835, M931
Solving Equations 1	Use algebraic methods to solve linear equations in one variable (including all forms that require rearrangement). Model situations or procedures by translating them into algebraic expressions or formulae and by using graphs	M707, M509, M387, M554, M813, M795, M531, M957
Ratio 1	Divide a given quantity into two parts in a given part:part or part:whole ratio; express the division of a quantity into two parts as a ratio	M885, M543, M267, U921, M801, M525
Area of circles and trapezia	Derive and apply formulae to calculate and solve problems involving area of circles (including part circles) and trapezia	M705, M231, M430, M303, M269, M996

Science Term 1 topics

Y7

Particles, substances and mixtures

Fundamentals of Physics

Cells and organisation

Y8

Heating and cooling

Earth and the atmosphere

Forces and motion

Y9

Reactivity

Electricity and magnetism

Biological systems

KS3 ICT & Computer Science Revision -October 2025

Year 7	Revision Topics-Computer Safety 7.1	Revision Completed
	- Health and Safety in ICT -RSI, Risk assessment, Eye strain - Staying safe online -Password, phishing, Identity fraud - Acceptable policy/Computer Misuse Act-Viruses, Hackers, Online - Social Engineering/ Phishing Scams - Internet Safety/Grooming-Block, Report, Abuse, Pictures, Sharing - Cyberbullying- Bystander, Upstander, Mobiles, social media	
Year 8	Revision Topics- Networks 8.2	
	- Search engines - Opinions and facts - Reliability and validity - Internet-URL, data packets, WWW, domain name - Encryption-Ciphers decryption - HTML-codes and tags - Network Topologies-Bus, Star and Ring- LAN/WAN	
Year 9	Revision Topics 9.1 Computer Hardware and Software	
	- CPU FDE cycle-Fetch Decode Execute - CPU Performance Cache, Clock Speed and Core - Memory - RAM and ROM - Secondary Storage Characteristics-Optical, Magnetic and Solid State - Software Operating system, - System Threats and Prevention-Brute force attack, DOS, Anti malware and firewalls	

KS3 Drama

A practical assessment focusing on rehearsal skills.

Year 7

Rehearsal skills - Team work

Year 8

Rehearsal skills - Improving the drama

Year 9

Rehearsal skills - Professionalism

Music

KS3 Music	Topic	Revision Completed
The Elements of Music	1.1 The 8 elements	
	1.2 Listening to and appraising music	
Singing	2.1 Vocal skills	
	2.2 Key words and definitions (singing)	
Keyboard Skills	3.1 Keyboard note names (letters)	
	3.2 Score reading (key terms & symbols)	

You will be given knowledge organisers for these topics. Please collect these from your music teacher and check Class Charts.

In PE you will be assessed over the course of the year against our new Key Performance Indicators (KPIs)

Each KPI has a Bronze, Silver and Gold standard.

There are 3 strands of KPI

Fit to Perform

Fit to Lead

Fit For Life

Each has 3 KPIs per strand.

Achieving 1 KPI for the first time will earn you the Bronze rank for that KPI, with 2 times earning Silver and 3 times Gold.

Students need to make sure to bring full PE kit to every PE lesson and give 100% effort to ensure they give them the best possible opportunity to achieve in PE at Fir Vale Academy.

Topics 1 & 2: Year 7 History – this is what you need to know

Topic 1: Empires East and West		
	Question	Answer
Lesson 1 The World in 1000	What is chronology?	Chronology is putting events in the order that they happened
	How do historians measure time?	In centuries (eg. The year 656= 7 th Century)
	How many years is in a century?	100 years
Lesson 2 Chinese Dynasties	Which inventions came from Ancient China?	Compass, Gunpowder, moveable type printing
	What was the role of women in China?	Farming, marry, have children, look after the household
	Which religion was followed by people in China?	Buddhism
Lesson 3 Byzantine Empire	Which religion was followed by people in Constantinople?	Christianity
	What connected China to Constantinople?	Silk Road
	Which woman ruled Constantinople?	Empress Zoe
Lesson 4 Islamic Empire	Where was the centre of the Islamic Empire?	Baghdad- built in AD762
	Where was the centre of knowledge?	House of Wisdom
	Who ruled the Islamic Empire?	Caliphs
Lesson 5 Holy Roman Empire	What was the main religion of Europe?	Christianity
	Who was the head of the Christian Church?	The Pope
	Who helped to promote Christianity in their country?	Medieval Monarchs
Topic 2: Norman Conquest and Control		
Lesson 1 Migration to England	Who lived in England before 1066? migration	Britons, Romans, Angles, Saxons, Jutes, Vikings
	What is migration?	The movement of people from one place to another
	When was the 'medieval' period?	500-1500AD
	Literacy support Explicit teaching of the word 'migration'	SEND adaptations Use of images, adapted worksheets
Lesson 2	Who ran the country?	The King and his Witan
	Which religions did Anglo-Saxons follow? beliefs	Most were Christian

Anglo-Saxon England	What was the role of Anglo-Saxon women?	Marriages and motherhood
Lesson 3 Death of Edward the Confessor	Who died in 1066?	Edward the Confessor
	Why was this a problem? succession	He did not have an heir
	Who were the 3 main claimants?	Harold Godwinson, Harald Hardrada, William of Normandy
Lesson 4 1066 and the Conquest	When was the Battle of Hastings? warfare	14 th October 1066
	Who won at the Battle of Hastings?	William of Normandy
	Why did he win?	Luck, leadership and tactics
Lesson 5 Sources and Interpretations	What is a source?	A piece of evidence from the time
	What is an interpretation?	An opinion about the past made after the time
	What does the word 'origin' mean?	Who made it and when did they make it?
Lesson 6 Norman Control-Castles and Terror	What did the Normans build for protection?	Motte and Bailey Castles
	Which area of England rebelled against William? protest	The North of England
	What did William do about the rebellion?	Harrying of the North- Destroyed Villages and land
Lesson 7 Norman Control-Peaceful Methods	What was the feudal system? Class system	An order/ hierarchy of people
	What did each group receive?	Land
	What did each group give to those above them?	Loyalty and Taxes
Lesson 8 Changes under the Normans-Political and Economic	What does 'primogeniture' mean? succession	First born son becomes the next king
	What punishment did the Normans introduce? crime and punishment	The Murdrum Fine
	What stopped during Norman rule?	Slavery

Lesson 9 Changes under the Normans-Social	How did language change? Class system	The official language of the King's court became French Motte and Bailey Castles, Stone churches They had less opportunities
	Which buildings did the Normans introduce to England?	
	How did life change for women?	
Lesson 10 How far did life change after the Norman Conquest?	What is Change?	When something becomes different When things remain the same for a long time Political (power), Social (people) Economic (money)
	What is Continuity?	
	What 3 kinds of changes were there?	
Lesson 11 Thematic lesson-Connectivity	What does 'trade' mean?	To buy, sell or exchange something The movement of people from one place to another Linked together
	What does 'migration' mean?	
	What does 'connect' mean?	

Year 7 revision List: Topic 1: Introduction/ Map Skills

1. What do physical and human geography mean?	Physical geography is concerned with the study of the natural features and processes of Earth's surface, including landforms, climate, ecosystems and natural hazards. Human geography is the study of how people and their activities are distributed across Earth's surface and how they interact with their environment.
2. What are the key features of a map?	Key, Label, Title, Compass, Scale
3. What are the 8 points on a compass?	North, North-East, East, South-East, South, South-West, West, North-West
4. What are eastings?	Numbers that run from west to east on an OS map
5. What are northings?	Numbers that run from south to north on an OS map
6. How do you find a 4-figure grid reference on a map?	Go along the corridor to the bottom left corner of your grid square, and then go up the stairs to the same point.
7. What is relief?	Relief is the differences in height between locations
8. What is altitude?	Altitude is the height above sea level.
9. What is contour line?	A contour line is a line on a map used to show changes in altitude. They are always 10 meters of altitude apart. The closer together they are, the steeper the land. The further apart they are, the flatter the land.
10. What is a continent?	any of the world's main continuous expanses of land.
11. What are the 7 continents?	North America, South America, Europe, Asia, Africa, Oceania, Antarctica
12. What are the 5 oceans?	Pacific, Atlantic, Indian, Arctic, Southern
13. What is a line of latitude?	A line that runs from East to West on a map, showing how far north or south a place is from the equator.
14. What is a line of longitude?	A line that runs from North to South on a map, showing how far east or west a place is from the prime/ Greenwich meridian.
15. What are the key lines of latitude and longitude?	Latitude: Arctic circle, tropic of cancer, equator, tropic of Capricorn, Antarctic circle Longitude: prime meridian

