



**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](mailto:mdarazkan@firvale.com)**



# REVISION

# TIPS

A handy guide for  
HOW  
to revise



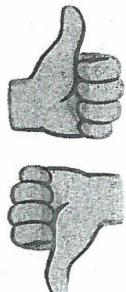
The best in everyone™

# 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:

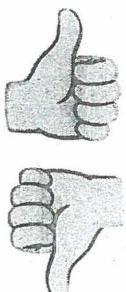
Subjects I will use this for will be:

# 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

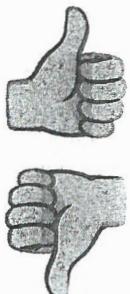


Learning information through visual images and language.

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:

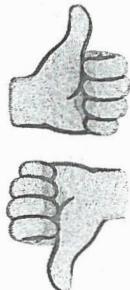
Subjects I will use this for will be:

# 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:

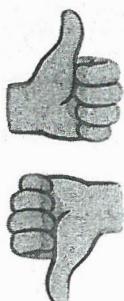
Subjects I will use this for will be:

# 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:

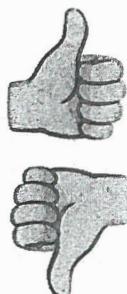
Subjects I will use this for will be:

# 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:

### 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 pm |        |         |           |          |        |          |        |
| 1:00 pm  |        |         |           |          |        |          |        |
| 2:00 pm  |        |         |           |          |        |          |        |
| 3:00 pm  |        |         |           |          |        |          |        |
| 4:00 pm  |        |         |           |          |        |          |        |
| 5:00 pm  |        |         |           |          |        |          |        |
| 6:00 pm  |        |         |           |          |        |          |        |
| 7:00 pm  |        |         |           |          |        |          |        |
| 8:00 pm  |        |         |           |          |        |          |        |



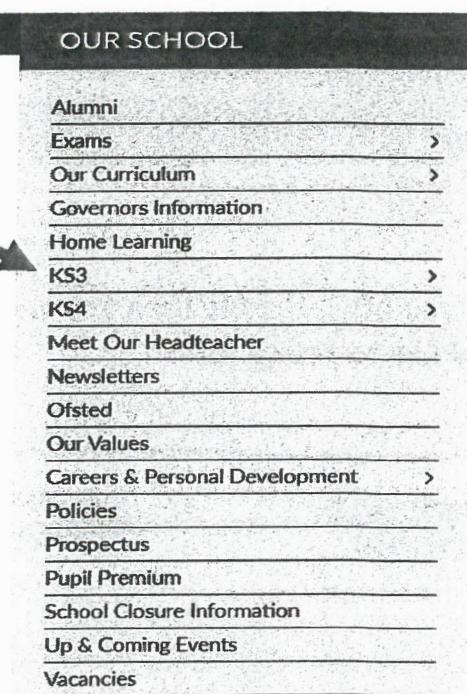
**How to find your subjects Knowledge Organisers on Fir Vale School Website**

**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.



## 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.



Sparx Reader

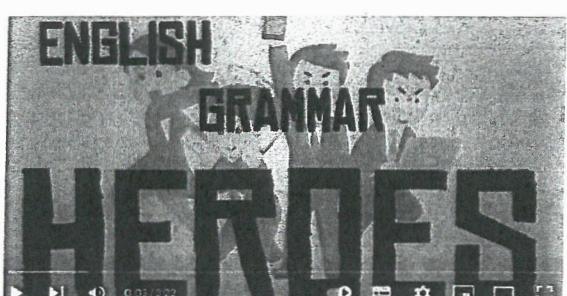
The best way to revise for any test is to make sure you are always doing your Sparx Reader homework.

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!



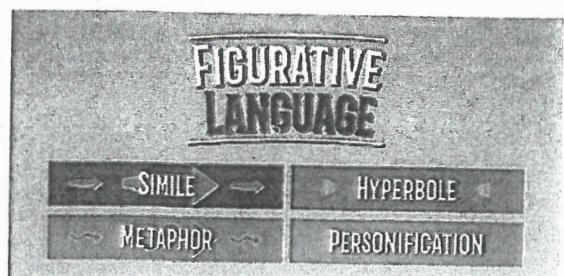
**Sentence types-** In the next test, you will be asked about different types of sentences and how we might use them. Use this link that will show you a video and a quiz on what the different types of sentences are!



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/7zRih61HC7s>

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

| <b>Year 7 End of Year Assessment Topics</b> |  | <b>Sparx Codes</b>                                   |
|---|--|--|
| 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**

|               | <b>Revision Topics-Computer Safety 7.1</b>  | <b>Revision Completed</b> |
|---------------|---|---------------------------|
| <b>Year 7</b> | <p><b>Revision Topics-Computer Safety 7.1</b></p> <ul style="list-style-type: none"> <li>- Health and Safety in ICT -RSI, Risk assessment, Eye strain</li> <li>- Staying safe online -Password, phishing, Identity fraud</li> <li>- Acceptable policy/Computer Misuse Act-Viruses, Hackers, Online</li> <li>- Social Engineering/ Phishing Scams  </li> <li>- Internet Safety/Grooming-Block, Report, Abuse, Pictures, Sharing</li> <li>- Cyberbullying- Bystander, Upstander, Mobiles, social media</li> </ul> |                           |
| <b>Year 8</b> | <p><b>Revision Topics- Networks 8.2</b></p> <ul style="list-style-type: none"> <li>- Search engines</li> <li>- Opinions and facts</li> <li>- Reliability and validity</li> <li>- Internet-URL, data packets, WWW, domain name</li> <li>- Encryption-Ciphers decryption</li> <li>- HTML-codes and tags</li> <li>- Network Topologies-Bus, Star and Ring- LAN/WAN</li> </ul>  |                           |
| <b>Year 9</b> | <p><b>Revision Topics 9.1 Computer Hardware and Software</b></p> <ul style="list-style-type: none"> <li>- CPU FDE cycle-Fetch Decode Execute</li> <li>- CPU Performance Cache, Clock Speed and Core</li> <li>- Memory - RAM and ROM</li> <li>- Secondary Storage Characteristics-Optical, Magnetic and Solid State</li> <li>- Software Operating system,</li> <li>- System Threats and Prevention-Brute force attack, DOS, Anti malware and firewalls</li> </ul>  |                           |



## **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 stand.

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<br>The World in<br>1000<br>Chinese<br>Dynasties | 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 <sup>th</sup> Century)     |        |
|  | How many years is in a century?                          | 100 years  |        |
| Lesson 2<br>Byzantine<br>Empire                          | 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<br>Byzantine<br>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<br>Islamic<br>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<br>Holy Roman<br>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<br>Migration to<br>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   |        |
| Lesson 2   | Literacy support   | SEND adaptations   |        |
|  | Explicit teaching of the word 'migration'                | Use of images, adapted worksheets                            |        |
|  | 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?   | <i>Marriages and motherhood</i>   |
| <b>Lesson 3</b><br>Death of Edward the Confessor                        | Who died in 1066?<br>Why was this a problem? succession<br>Who were the 3 main claimants?   | <i>Edward the Confessor</i><br><i>He did not have an heir</i><br><i>Harold Godwinson, Harald Hardrada, William of Normandy</i>                    |
| <b>Lesson 4</b><br>1066 and the Conquest                                | When was the Battle of Hastings? warfare<br>Who won at the Battle of Hastings?<br>Why did he win?   | <i>14<sup>th</sup> October 1066</i><br><i>William of Normandy</i><br><i>Luck, leadership and tactics</i>  |
| <b>Lesson 5</b><br>Sources and Interpretations                          | What is a source?<br>What is an interpretation?<br>What does the word 'origin' mean?  | <i>A piece of evidence from the time</i><br><i>An opinion about the past made after the time</i><br><i>Who made it and when did they make it?</i> |
| <b>Lesson 6</b><br>Norman Control-<br>Castles and<br>Terror             | What did the Normans build for protection?<br>Which area of England rebelled against William? protest<br>What did William do about the rebellion? | <i>Motte and Bailey Castles</i><br><i>The North of England</i><br><i>Harrying of the North- Destroyed Villages and land</i>                       |
| <b>Lesson 7</b><br>Norman Control-<br>Peaceful Methods                  | What was the feudal system? Class system<br>What did each group receive?<br>What did each group give to those above them?                         | <i>An order/ hierarchy of people</i><br><i>Land</i><br><i>Loyalty and Taxes</i>   |
| <b>Lesson 8</b><br>Changes under the Normans-<br>Political and Economic | What does 'primogeniture' mean? succession<br>What punishment did the Normans introduce? crime and punishment<br>What stopped during Norman rule? | <i>First born son becomes the next king</i><br><i>The Mordrum Fine</i><br><i>Slavery</i>  |

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