Year 7 Numeracy & Literacy Coffee Morning
Supporting your child with their learning at Home.

Aims of this morning…

- The big picture and our Conscious curriculum vision
- Show you what you child is studying in maths & reading this term.
- Discuss how you can support from home when your children are working independently.
- **Try** some tools that you all can use for their work this term.
- Show you their maths/English homework platform.

SWB Conscious Curriculum

"We want to create consistency and alignment across the Academy so that every classroom can share in our collective knowledge of what makes for the best curriculum, the best teaching and valuable assessment."

Collective knowledge – key skills (numeracy & literacy) needed across all subjects to maximise their success! ☺

Year 7 Key dates this year…

Autumn Term

03.09.25: Year 7s first day at the Academy ☺
16.09.25: Year 7 Numeracy Coffee Morning 1
WC 03.11.25: Number Confidence Week
17.11.25: CORE Day 2
WC 17/11/25 – Maths week England

Spring Term

13.01.26: Year 7 Numeracy & Literacy Coffee Morning 2
19.01.26: GOLD Assessment Week begins
06.02.26: Number Day
11.03.26: Year 7 Parents Evening (3:45 to 6:45pm)
13.03.26: Celebrate Pi Day (14.03.26)
25.03.26: World Maths Day

Summer Term

21.04.26: Year 7 Numeracy & Literacy Coffee Morning 4 (tbc)
29.04.26: UK Maths Challenge (Junior)
09.06.26: UK Maths Challenge (Junior Kangaroo – invite only)
WC 15:06.26: PLATINUM Assessment Week beings

SWB KS3 GOLD Assessment Week Revision Tips & Support

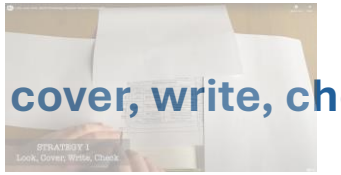
GOLD assessments will be used to accurately monitor, inform Rank Order and evaluate the progress you've made so far.

All curriculum subjects will be assessed over the course of the week and pupils will be expected to complete these assessments in controlled exam conditions. Full details can be found on our website: KS3 Study Support

To support revision for GOLD assessment Week please use the following tips and hints:

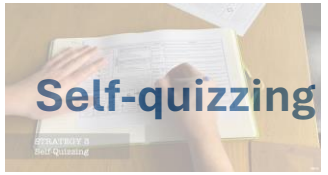
1. Curriculum Subjects - Look over and review your curriculum and each subject overview.
2. **Exercise books** – Look back through your lessons and complete any activities and attempt questions again to help revise and recap knowledge and skills.
3. Knowledge Organisers – Use your knowledge organisers alongside the revision strategies we have been practicing during personal tutor time to ensure you feel fully prepared for your assessments.

Revision strategies are: (Use the link to watch a video and remind yourself how to do these techniques)



Look, cover, write, check

Think it, link it



Self-quizzing

Maths assessment topic lists: year 7, year 8, year 9

SWB GOLD Assessment Week Revision List

- 2 papers Non- calculator
  - Paper 1 – Multiple choice
  - Paper 2 – Reasoning

- Revision Website: Corbett Maths https://corbettmaths.com/contents/

Paper 1 – Multiple Choice (Non Calculator)

Topic	Corbett Maths Code(s) (https://corbettmaths.com/contents/)	How confident am I?
Number and Proportion		
Addition of integers and decimals	6, 90	😊 😐 😟
Converting metric units	349a, 349b, 349c	😊 😐 😟
Cubes and cube roots	212, 214	😊 😐 😟
Dividing by 10, 100, 1000	99, 100	😊 😐 😟
Division of integers	98	😊 😐 😟
Factors of a number	216	😊 😐 😟
Finding a missing angle on a straight line	35	😊 😐 😟
Finding the area of a rectangle	45	😊 😐 😟
Finding the perimeter of a shape	241	😊 😐 😟
Finding the volume of a cube	355	😊 😐 😟
Highest Common factor (HCF)	219	😊 😐 😟
Knowing units of length, area and volume	n/a	😊 😐 😟
Lowest Common Multiple (LCM)	218	😊 😐 😟
Multiples of a number	220	😊 😐 😟
Multiplication of integers and decimals	94, 199, 200,	😊 😐 😟
Multiplying by 10, 100, 1000	202, 203	😊 😐 😟
Ordering a list of numbers	208, 221	😊 😐 😟
Prime Numbers	225	😊 😐 😟
Rounding to decimal places	278	😊 😐 😟
Rounding to significant figures	279a	😊 😐 😟
Rounding to the nearest 1, 10, 100, 1000	276, 277a, 277b	😊 😐 😟
Rules of indices	174	😊 😐 😟
Squares and roots	226, 227, 228	😊 😐 😟
Subtraction of integers and decimals	304, 91	😊 😐 😟
Understanding and using place value	222	😊 😐 😟

Paper 2- Reasoning (Non Calculator)

Topic	Corbett Maths Code(s) (https://corbettmaths.com/contents/)	How confident am I?
Number and Proportion		
Application of addition	6, 90	😊 😐 😟
Application of division	98	😊 😐 😟
Application of multiplication	94, 199, 200	😊 😐 😟
Converting metric units	349a, 349b, 349c	😊 😐 😟
Exponential growth	n/a	😊 😐 😟
Finding a missing angle around a point	30	😊 😐 😟
Finding the difference between two numbers	304	😊 😐 😟
Finding the perimeter of a shape	241, 242	😊 😐 😟
Money calculations	400b, 400c	😊 😐 😟
Odd and even numbers	221a	😊 😐 😟
Prime numbers	225	😊 😐 😟
Products of prime factors	223	😊 😐 😟
Rounding to significant figures	279a	😊 😐 😟
Rules of indices	174	😊 😐 😟
Understanding and using place value	222	😊 😐 😟
Volume of a cuboid	355	😊 😐 😟

What year 7 looks like this term in maths…

NP4: Powers, Roots & Primes

Spring	WC 05/01/26 **NP4** 10QQ	WC 12/01/26 **NP4**	WC 19/01/26 KS3 Midpoint Assessment Weeks 10QQ	WC 26/01/26 **NP5**	WC 02/02/26 **NP5** 10QQ DC1	WC 09/02/26 **NP5**		WC 23/02/26 **NP6** 10QQ	WC 02/03/26 **NP6**	WC 09/03/26 **NP6** 10QQ	WC 16/03/26 **A1** Summative Assessment 3	WC 23/03/26 **A1** 10QQ

Topic	Slides	Teaching Videos
Square and cube numbers	1-16	https://www.bbc.co.uk/bitesize/topics/ztqmhyc
Repeated multiplication	17-43	
Square and cube roots	44-54	https://youtu.be/BrBiPFJV1wQ
Higher-order roots, areas & volumes	55-69	
Index laws, powers and roots of larger/smaller numbers	70-80	https://youtu.be/hkDHXfTm3x4
Primes, prime factors, using prime factors	81-119	https://youtu.be/AcK3uK7-vVo
Enrichment	120-138	

My mathematical journey

What do I need to remember from before?

Multiplication and division (NP3)

Multiplying by composing and decomposing (NP3)

Multiples and factors (NP3)

What will I learn about in this unit?

Repeated multiplication

Powers and roots

Prime numbers

Composing and decomposing primes

Where does this lead?

Order of operations (NP5)

Directed numbers (NP6)

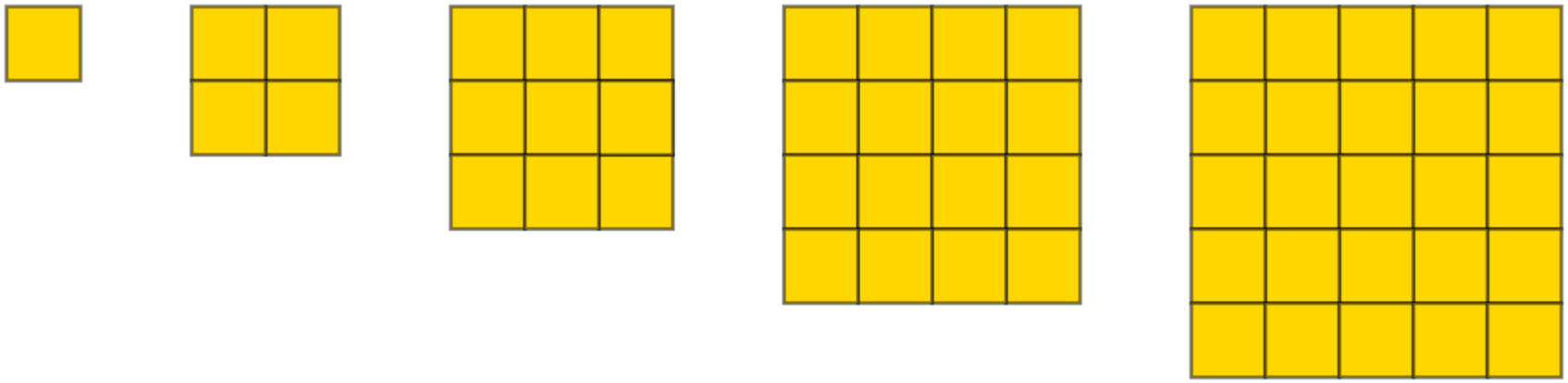
Quadratics (A11)

Index laws (NP15)

Exponential growth (NP16)

Squares

Take a look at these area models.



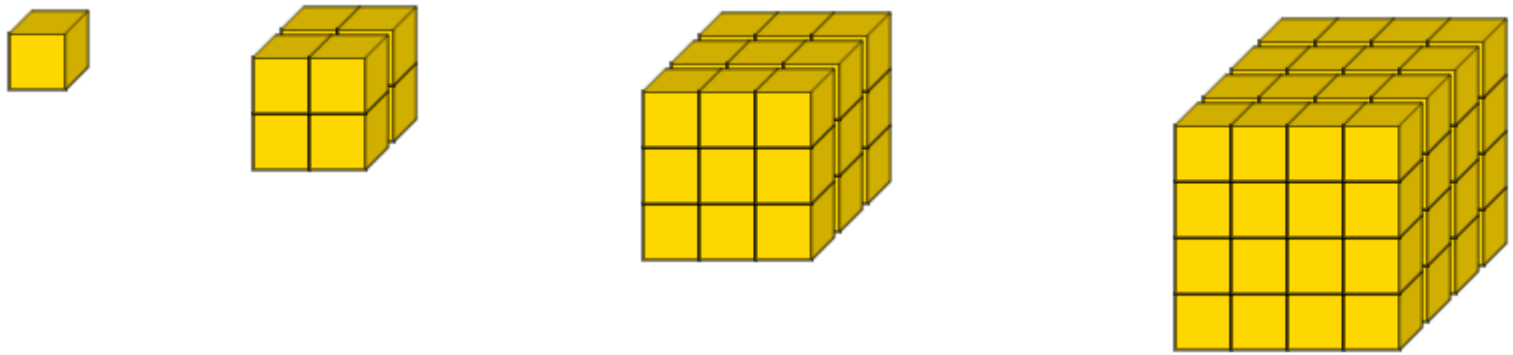
What do they have in common?

What product does each one show?

If we continued this pattern, what would the next *three* images look like?

Cubes

Take a look at these volume models.



What do they have in common?

What product does each one show?

If we continued this pattern, what would the next *three* images look like?

What year 7 looks like this term in maths…

NP5: Order of Operations

Spring	WC 05/01/26 **NP4** 10QQ	WC 12/01/26 **NP4**	WC 19/01/26 KS3 Midpoint Assessment Weeks 10QQ	WC 26/01/26 **NP5**	WC 02/02/26 **NP5** 10QQ DC1	WC 09/02/26 **NP5**		WC 23/02/26 **NP6** 10QQ	WC 02/03/26 **NP6**	WC 09/03/26 **NP6** 10QQ	WC 16/03/26 **A1** Summative Assessment 3	WC 23/03/26 **A1** 10QQ

Topic	Slides	Teaching Videos
Commutativity and associativity Multiplication and addition	7 – 27	https://youtu.be/x9hMDHqOTfg
Exponentiation, multiplication and addition	28 – 53	https://youtu.be/pahmNQPkJ08
Brackets to break the order, mixed practice and problems	54 – 100	https://youtu.be/7u7-UksBWU0

My mathematical journey

What do I need to remember from before?

Addition and subtraction (NP2)

Multiplication and division (NP3)

Exponents and roots (NP4)

What will I learn about in this unit?

Flexible calculating

The order of operations

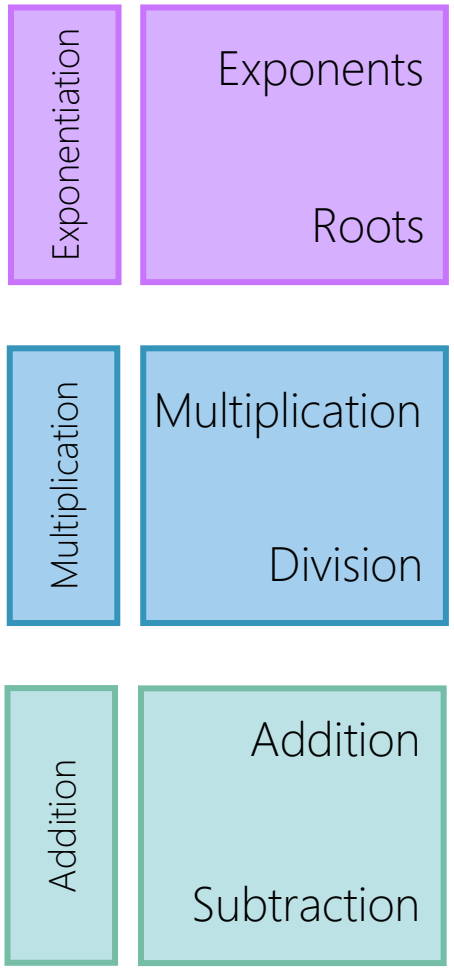
Using visible and invisible brackets to break the order of operations

Where does this lead?

Directed numbers (NP6)

Substitution (A1, A2, A5)

Linear equations (A4)



We break down the order of operations to a step by step approach, breaking it into the three main components.

Remember how a power comes from repeated multiplication:

$$3^4 = 3 \cdot 3 \cdot 3 \cdot 3$$

This means powers should be worked out before other multiplication.

Lets try…

Find the value of these calculations.

$$3 \times 2^3 + 6 \div 3$$

Exponentiation	Exponents Roots
Multiplication	Multiplication Division
Addition	Addition Subtraction

What year 7 looks like this term in maths…

NP6: Directed Number

Spring	WC 05/01/26 **NP4** 10QQ	WC 12/01/26 **NP4**	WC 19/01/26 KS3 Midpoint Assessment Weeks 10QQ	WC 26/01/26 **NP5**	WC 02/02/26 **NP5** 10QQ DC1	WC 09/02/26 **NP5**		WC 23/02/26 **NP6** 10QQ	WC 02/03/26 **NP6**	WC 09/03/26 **NP6** 10QQ	WC 16/03/26 **A1** Summative Assessment 3	WC 23/03/26 **A1** 10QQ

Topic	Slides	Teaching Videos
Number lines, temperature, finance, zero pairs	7 – 37	https://youtu.be/1dSrMp3TuDU
Addition and subtraction with directed numbers	38 – 70	https://youtu.be/I0moXPBEen0
Multiplication, division and exponentiation with directed numbers Mixed problems	71 - 125	https://youtu.be/wmyJM9XT9Ic

My mathematical journey

What do I need to remember from before?

Addition and subtraction with integers and decimals (NP2)

Multiplication and division with integers and decimals (NP3)

Exponents and roots (NP4)

Order of operations (NP5)

What will I learn about in this unit?

Direction of numbers

Using negative numbers

Calculating with negative numbers

Where does this lead?

Algebraic expressions (A2, A3)

Linear equations (A4)

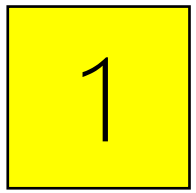
Formulae (A5)

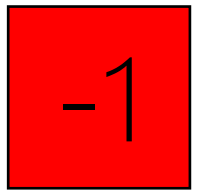
Graphs (A6)

Quadratic expressions (A11)

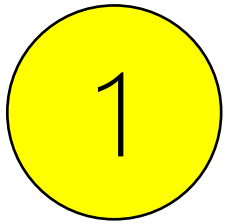
We can use double-sided counters to help us think about positive and negative numbers.

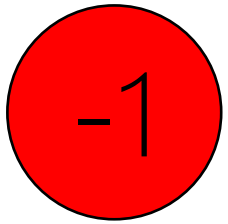
They can be square…





Or circular…

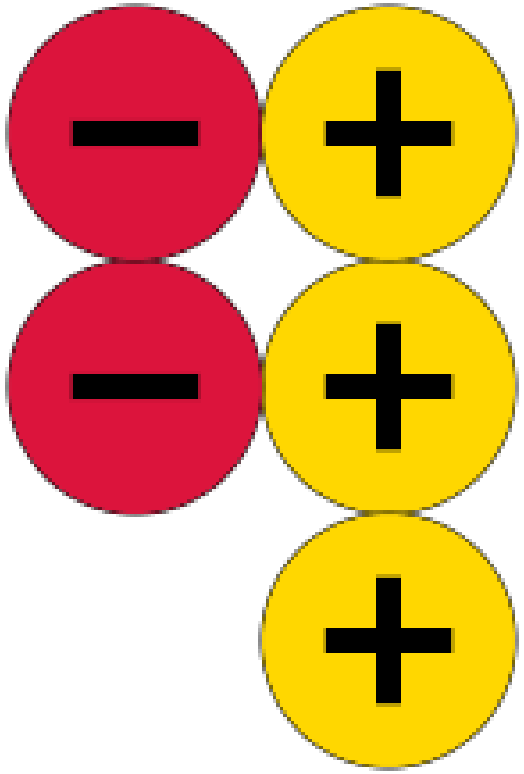




Interactive on Mathsbot

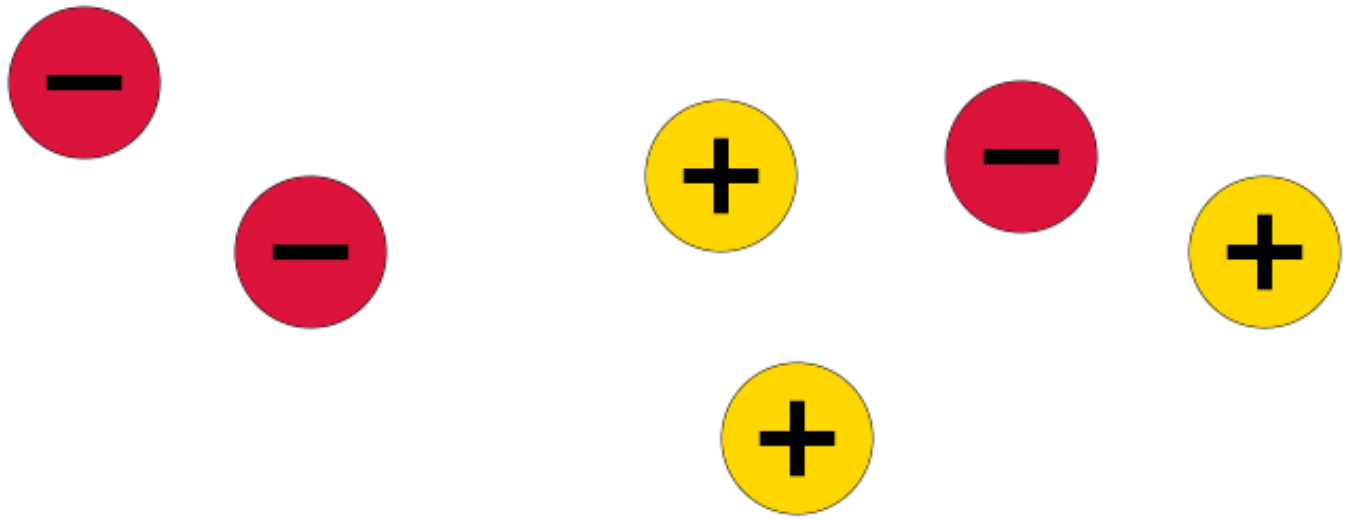
Lets try…

Explain whether these sums are positive, negative or zero.



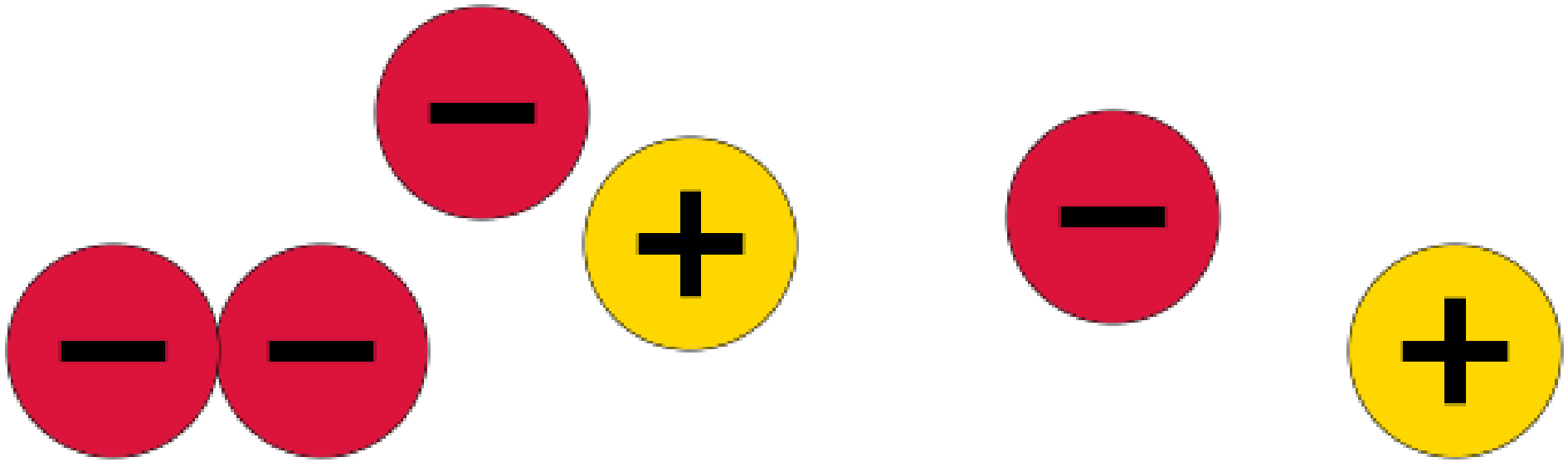
Lets try…

Explain whether these sums are positive, negative or zero.



Lets try…

Explain whether these sums are positive, negative or zero.



What year 7 looks like this term in maths…

A1: Introduction to Algebra

Spring	WC 05/01/26 **NP4** 10QQ	WC 12/01/26 **NP4**	WC 19/01/26 KS3 Midpoint Assessment Weeks 10QQ	WC 26/01/26 **NP5**	WC 02/02/26 **NP5** 10QQ DC1	WC 09/02/26 **NP5**		WC 23/02/26 **NP6** 10QQ	WC 02/03/26 **NP6**	WC 09/03/26 **NP6** 10QQ	WC 16/03/26 **A1** Summative Assessment 3	WC 23/03/26 **A1** 10QQ

Topic	Slides	Teaching Videos
Generalising number relationships The language of algebra	7 – 35	https://youtu.be/R-5eUdd1FGk
Simplifying expressions	36 – 53	https://youtu.be/gC7_G0XUiXw
Substitution, equations, mixed problems	54 – 95	https://youtu.be/xF7kSfujbUE

My mathematical journey

What do I need to remember from before?

Directed numbers (NP6)

What will I learn about in this unit?

Variable unknowns

Algebraic expressions

Substitution

Equations

Where does this lead?

Simplifying expressions (A2)

Multiplying expressions (A3)

Linear equations (A4)

Formulae (A5)

This tile represents the number 1:

This tile represents any number:

We can think of it as representing an *unknown number that can change its value*.

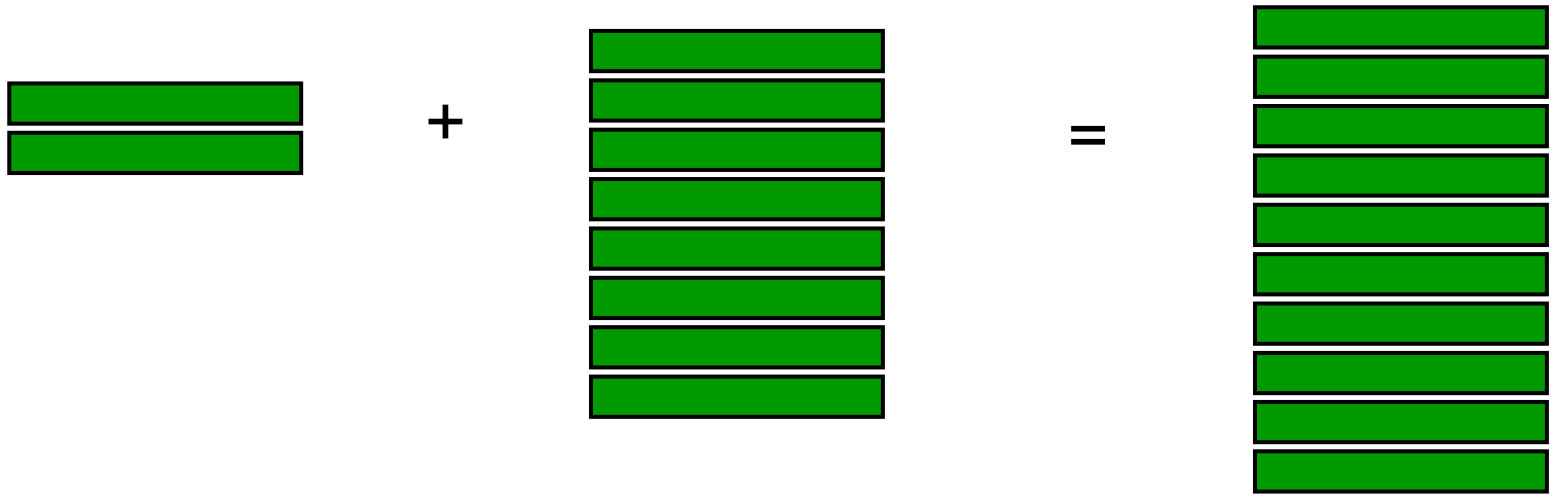
We call this a variable number or variable for short.

When we hold the tile, or work with it on-screen, it won't change size, but we know that its value can change.

See the tile varying.

The variable tile helps us to picture that

2 lots of a number + 8 lots of the same number = 10 lots of that number



2 [ ] + 8 [ ] = 10 [ ]

2 lots of a number + 8 lots of the same number = 10 lots of that number

$2 \cdot \text{number} + 8 \cdot \text{number} = 10 \cdot \text{number}$

This is an awkward, long sentence to write. Let's shorten it.

$2 \cdot n + 8 \cdot n = 10 \cdot n$

Let's write n instead of 'number'.

$2n + 8n = 10n$

Let's not worry about writing the multiplication symbol.

Mathematicians prefer to use symbols in place of lots of words.

Our symbols act like the green tile: they represent a variable.

These statements all show the same idea:

$2\bigstar + 8\bigstar = 10\bigstar$

$2\diamondsuit + 8\diamondsuit = 10\diamondsuit$

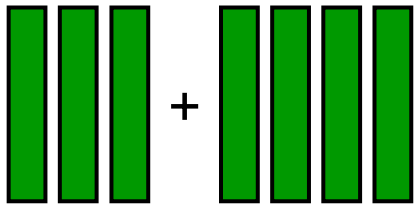
$2n + 8n = 10n$

$2x + 8x = 10x$

$2y + 8y = 10y$

The statements with letters are easiest to write, so mathematicians prefer to use letters.

Here is a number relationship shown with tiles to represent a variable number.

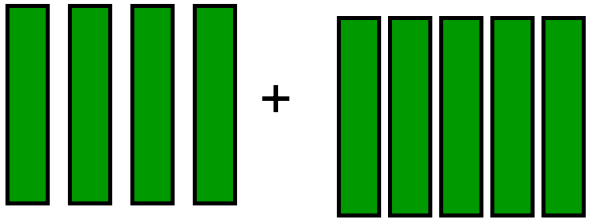


Write down the relationship in words

Write down the relationship using the letter x for the variable number.

Write down two examples of the relationship using fixed numbers.

Here is a number relationship shown with tiles to represent a variable number.



Write down the relationship in words

Write down the relationship using the letter y for the variable number.

Write down two examples of the relationship using fixed numbers.

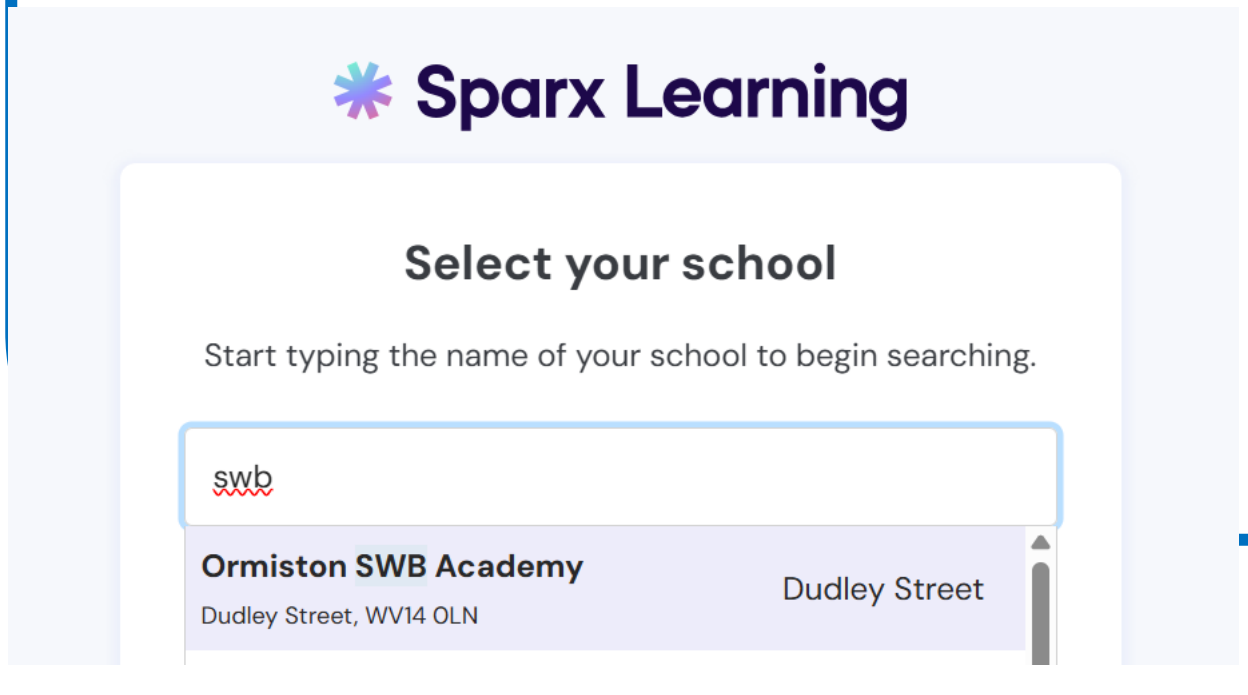
Homework…

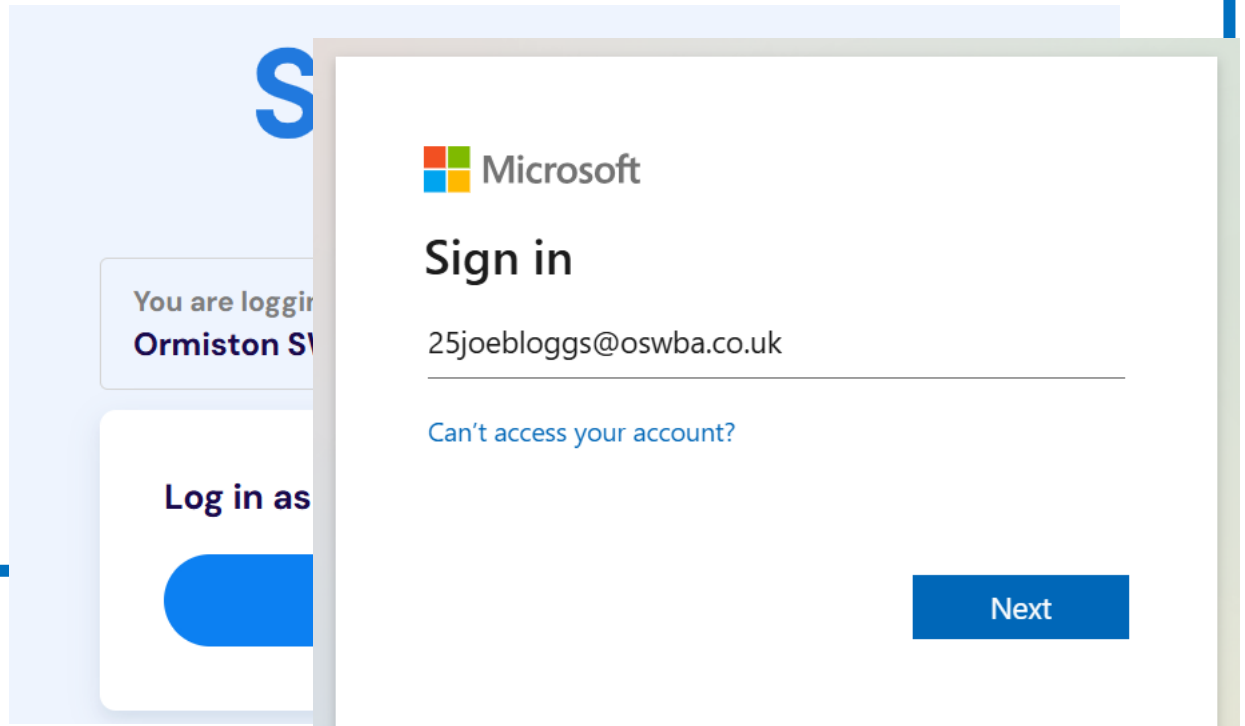
Sparx

Autumn	WC 01/09/25 **NP1**	WC 08/09/25 **NP1** 10QQ	WC 15/09/25 **NP1**	WC 22/09/25 **NP1** 10QQ	WC 29/09/25 **NP1**	WC 06/10/25 **NP2** 10QQ	WC 13/10/25 **NP2** Summative Assessment 1	WC 20/10/25 **NP2** 10QQ		WC 03/11/25 **NP2**	WC 10/11/25 **NP3** 10QQ	WC 17/11/25 **NP3**	WC 24/11/25 **NP3** 10QQ	WC 01/12/25 **NP3**	WC 08/12/25 **NP3** 10QQ Summative Assessment 2	WC 15/12/25 **NP4**	8,7

<u>Will be</u> set on a Monday due on a Monday.

Any questions about homework?



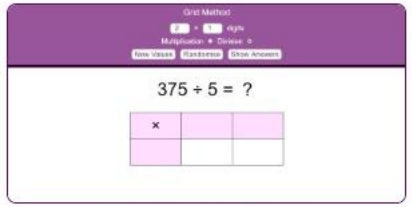


Signposting…

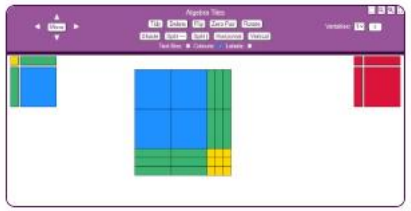
Sparx

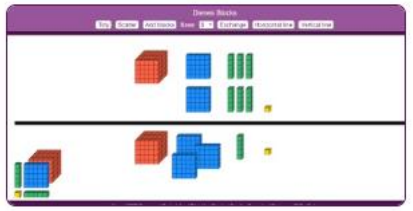
Homework: sparx maths

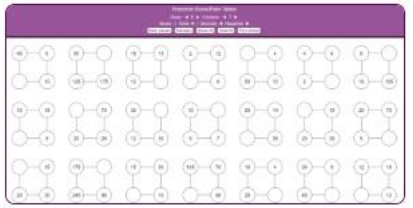
Useful online tools to help at home:
https://mathsbot.com/toolMenu



Grid Method


Algebra Tiles


Dienes Blocks


Ratio Tables

The National Curriculum…

- KS3 Maths National Curriculum
- KS4 Maths National Curriculum

SWB GOLD Assessment Week - English

Next week, your child will be assessed on their knowledge of grammar. This will build on the work they have been doing in previous assessments, and their Oliver Twist lessons.

They will answer multiple choice questions, focused on identifying different word classes and grammatical structures.

Listed here are some of the aspects they will cover on the test.

Ways to revise/prepare:

- Read lots of different texts, labelling the word class of each word as you do.

Proper noun conjunction definite article
'Harry Potter and the

Noun preposition noun
Chamber of Secrets'

- Revisit what was taught at KS2 : Grammar - KS2 English - BBC Bitesize
- Use Oxford Owl videos to learn grammatical terms you are unsure of: What is a subordinate clause? | Oxford Owl - YouTube

	Years 7 and 8 Objectives	Midpoint	Endpoint
G.789.A	Know that a grammatically correct sentence must include both a subject and a verb.	Y	Y
G.789.C	Identify and correct sentence fragments: incomplete sentences that are missing either a subject or a main verb.	Y	Y
G.789.D	Identify the subject in a sentence: **The cat** sat on the mat.	Y	Y
G.789.F	Identify nouns including proper nouns: ▪ common and proper	Y	Y
G.789.H	Identify verbs.	Y	Y
G.789.I	Identify adjectives.	Y	Y
G.789.B	Identify and correct run-on sentences: two or more main clauses that follow one another without proper punctuation or appropriate conjunctions.		Y
G.789.E	Identify the object in a sentence: The cat sat on the **mat**.		Y
G.789.J	Identify adverbs, including adverbial phrases and fronted adverbials.		Y
W.789.K	Use a range of punctuation accurately including inverted commas, semi-colons, colons, commas and dashes.		Y

What Year 7 looks like this term in English…

Spring Term	w/c 05/01	w/c 12/01	w/c 19/01	w/c 26/01	w/c 02/02	w/c 09/02	Half-Term	w/c 23/02	w/c 02/03	w/c 09/03	w/c 16/03	w/c 23/03
	Context	Context Diary Writing Sentence #3	KS3 Assessment week 100Q Narrative Opening	Key characters Analytical writing revision	Caliban Letter writing Sentence #4	Happiness in tragedy Murder plot #1 Antonio		Caliban, Trinculo, Stephano Murder plot #2	Summative assessment Speech writing	Speech writing Resolution of murder plots	Resolution of love plot Tragi-comedy	Feedback

Topic	Approx w/c	Helpful videos
Christopher Columbus/ Colonialism	12/01	https://www.youtube.com/watch?v=hOuW_8_UES8
Animated Tales – abridged version of the story	19/01	https://www.youtube.com/watch?v=4kKT18KF8ww
Key characters	26/01 02/02 23/02	https://www.youtube.com/watch?v=luL1w6U11k

My English Journey

How does this link to prior learning?

- We have studied words like 'victim' and 'villain' and will apply this to more complex characters.
- Development of literary timeline
- Development of sentence bank.

What will I learn about?

- Colonialism and changing views.
- How plays are laid out.
- Conventions of a tragedy.
- Story of 'The Tempest'.
- How to structure types of writing.
- New sentence types.

How does this link to future learning?

- Builds cultural capital.
- Understanding of writers' craft through themes and characterisation.
- Vocabulary banks developed.
- Analytical and creative writing practised.
- Tragedy is a genre studied at KS3, 4 and 5.

A **noun** is a person, place or thing.

Identify the **noun** in this sentence.

The playful cat quickly jumped over the high fence.

A **noun** is a person, place or thing.

Identify the **noun** in this sentence.

*The playful **cat** quickly jumped over the high **fence**.*

A **verb** is an action/doing word.

Identify the **verb** in this sentence.

The playful cat quickly jumped over the high fence.

A **verb** is an action/doing word.

Identify the **verb** in this sentence.

*The playful cat quickly **jumped** over the high fence.*

An **adjective** is word that describes a noun.

Identify the **adjective** in this sentence.

The playful cat quickly jumped over the high fence.

An **adjective** is word that describes a noun.

Identify the **adjective** in this sentence.

*The **playful** cat quickly jumped over the **high** fence.*

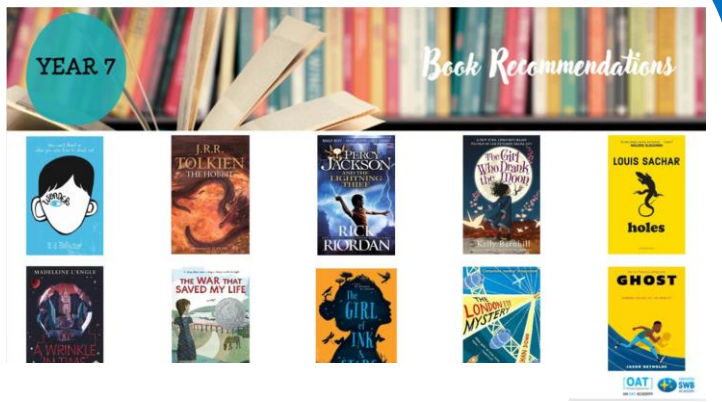
What is SPARX Reader?

- Year 7 students have a library lesson a week where they read on SPARX Reader. SPARX Reader is a platform where students can build their reading and literacy skills.

- Sparx Reader helps every student to achieve regular independent reading, which is incredibly important for building vital literacy skills.

- Sparx Reader adapts to each student's reading level, so it's important that you **don't** help by answering questions for them. If you help them, Sparx Reader might think they're a very strong reader and show them books that are too difficult. You can however help to provide a quiet space for your child to focus on their reading homework each week.

- All this information and more (book recommendations, Lexonic, top tips for helping children read at home) is available on our Literacy page on the school website.



Top Tips to Help Your Child with Reading at Home

How much your child reads at home can make a big difference to how they access the curriculum when at school. Here are five easy tips to try at home.

1. Read Together Every Day

Set aside ten to fifteen minutes each day to read with your child. It could be a story, a news article, or even a recipe. The important thing is to make it a regular habit.

What is SPARX Reader?

What is SPARX Reader?

All students in years 7 and 8 use Sparx Reader to complete their weekly reading homework.

Sparx Reader helps every student to achieve regular independent reading, which is incredibly important for building vital literacy skills.

Students can choose from a range of e-books at their appropriate level. As they read, they will answer questions to check they are reading carefully. Careful readers earn points meaning they can track their progress and climb the league table!

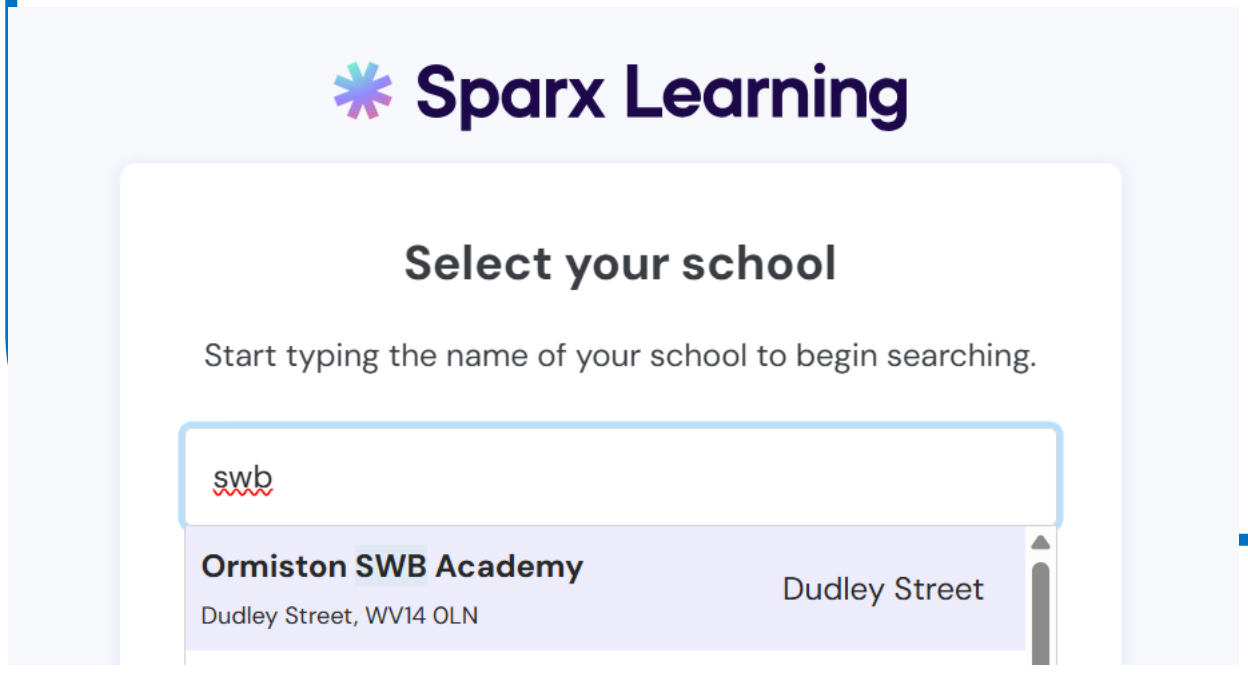
Homework...

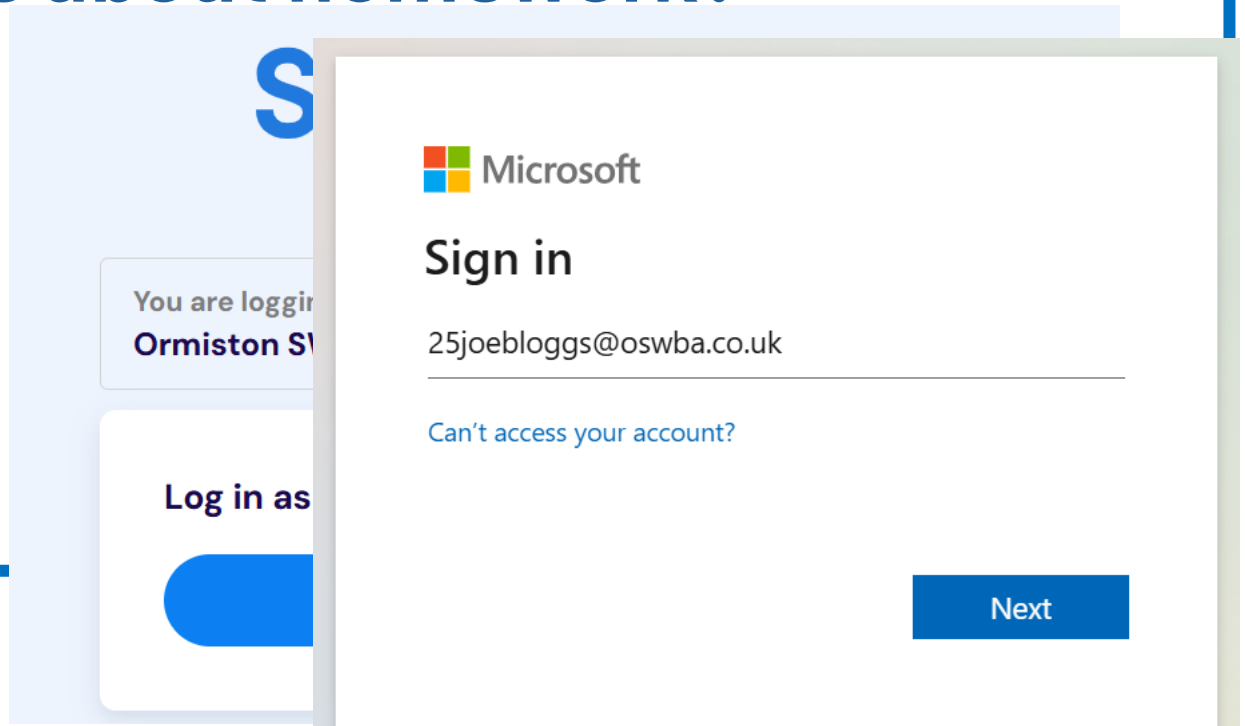
Sparx

Homework is set every Monday for that Week Beginning.

Your child will know when their library lesson takes place each week. This is when the homework will be checked by their class teacher.

Any questions about homework?





SWB KS3 GOLD Assessment Week Revision Tips & Support

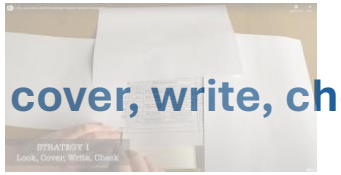
GOLD assessments will be used to accurately monitor, inform Rank Order and evaluate the progress you've made so far.

All curriculum subjects will be assessed over the course of the week and pupils will be expected to complete these assessments in controlled exam conditions. Full details can be found on our website: KS3 Study Support

To support revision for GOLD assessment Week please use the following tips and hints:

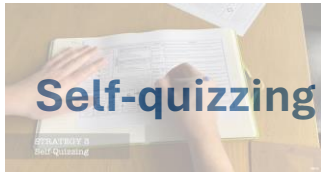
1. Curriculum Subjects - Look over and review your curriculum and each subject overview.
2. **Exercise books** – Look back through your lessons and complete any activities and attempt questions again to help revise and recap knowledge and skills.
3. Knowledge Organisers – Use your knowledge organisers alongside the revision strategies we have been practicing during personal tutor time to ensure you feel fully prepared for your assessments.

Revision strategies are: (Use the link to watch a video and remind yourself how to do these techniques)



Look, cover, write, check

Think it, link it



Self-quizzing

Maths assessment topic lists: year 7, year 8, year 9

Thank you all for your support! ☺

Any questions?