

## Welcome to the Autumn Term Edition of the Numeracy Ninjas Newsletter!

Dear Members of the Numeracy Ninjas Family,

As the leaves begin to fall and the academic term gathers pace, we're delighted to bring you the latest updates from Numeracy Ninjas. Whether you're a long-time supporter or new to our community, this newsletter is packed with exciting developments designed to support you and your students in their numeracy journey.

This term, we're unveiling new resources, including the highly anticipated **Ninjas Plus Bronze**, already making waves in classrooms, and launching our first-ever **#NinjaTeacherTips** campaign—an opportunity to share your expertise and learn from fellow maths teachers across the UK.

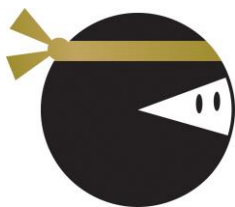
You'll also find a spotlight on the **Numeracy Ninjas Online Shop**, where you can discover fun and motivational rewards for your learners, and announcements for our **Autumn Term Prize Draw** winners.

At Numeracy Ninjas, we're committed to empowering teachers and inspiring students to achieve their full potential. We hope this edition leaves you feeling energised and equipped with fresh ideas to make a real difference in your classroom.

Let's continue to revolutionise numeracy education together!

Warm regards,

Will & Emma



# #NinjaTeacherTips

## Calling All Maths Teachers: Share Your Ninja Teacher Tips!

At Numeracy Ninjas, we're constantly amazed by the creativity and passion teachers bring to the classroom. You've taken our resources and turned them into something extraordinary for your students—and now, we want to hear from YOU!

Introducing **#NinjaTeacherTips**, our brand-new campaign designed to spotlight the incredible strategies, routines, and hacks you use to make Numeracy Ninjas a success.

### How to Get Involved:

It's simple! Share your best tip for using Numeracy Ninjas in your classroom. Whether it's an innovative way to track progress, a clever method to keep students motivated, or your favourite way to use Ninja Skill Checks, we want to know.

### What to Do:

1. Post your tip on social media (a photo, video, or text—whatever works for you!).
2. Tag us and include the hashtag **#NinjaTeacherTips**.
3. Share as many tips as you like—there's no limit!

### What's in it for You?

- Get featured! We'll spotlight a standout contributions in our social feeds and newsletter, giving you the recognition you deserve.
- Win prizes! One lucky participant will win exclusive Numeracy Ninjas merchandise.
- Make an impact! At the end of the campaign, we'll compile the best tips into a free downloadable guide for teachers everywhere—and your tip could be included!

Join the conversation and inspire fellow teachers to make numeracy magic happen in their classrooms. Let's celebrate the incredible work you do every day to build confidence and skills in your students.

Start sharing today with **#NinjaTeacherTips**—we can't wait to see what you've got!



## Introducing Ninjas Plus: Take Numeracy Ninjas to the Next Level!

We're thrilled to update you on **Ninjas Plus**, our most ambitious Numeracy Ninjas product yet! Designed in response to feedback from teachers like you, Ninjas Plus takes everything you love about the original programme and adds a whole new dimension of challenge and skill development.

### **Bronze: Live and Ready for Your Classroom!**

The Bronze level of Ninjas Plus is now live and available for purchase! Featuring 50 brand-new skills, Bronze builds on the foundational success of Ninjas Essentials and introduces learners to more advanced topics, including algebraic manipulation, angle facts, area and volume calculations, and linear graphs. These carefully sequenced activities are perfect for students aged 12-15 and bring the same spaced and interleaved retrieval approach that has made Numeracy Ninjas such a hit in schools.

As with our classic Ninjas Essentials programme, Bronze comes with a host of features to engage learners and track their progress. Ninja Skill Checks, gamified elements, and vibrant achievement certificates ensure that students remain motivated and inspired to climb the numeracy ladder.

### **Looking Ahead: Silver and Gold**

The excitement doesn't stop with Bronze! The Silver and Gold tiers of Ninjas Plus are already in development and promise to take students even further on their numeracy journey. Each tier will introduce another 50 skills, offering increasing levels of challenge and depth. From more complex fraction and percentage work to advanced geometry and statistics, these tiers are designed to prepare learners for the demands of higher-level maths.

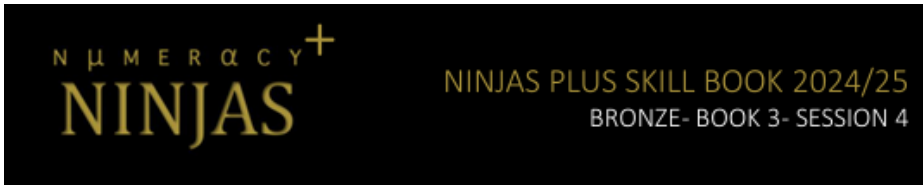
We're committed to delivering these additional tiers as soon as they're ready, ensuring the same exceptional quality and attention to detail that you've come to expect from Numeracy Ninjas. Stay tuned for updates in upcoming newsletters and on our website.

### **Why Ninjas Plus?**

Ninjas Plus is more than just a resource; it's a step-change in how numeracy skills are developed. With its tiered structure and rigorous design informed by cognitive science, Ninjas Plus is the perfect companion for learners ready to move beyond the basics. Whether you're helping students consolidate their current skills or preparing them for future success, Ninjas Plus is here to support you every step of the way.

Get started with Ninjas Plus today and be part of the journey as we revolutionise numeracy education! [Visit our website](#) to learn more about Bronze and secure your copy. Silver and Gold are just around the corner, and we can't wait to bring them to your classroom.

Together, let's help learners aim higher, think deeper, and succeed further.



SESSION 4- NINJAS PLUS SKILL CHECK

Non-calculator. Use written calculations if useful

Q	Question	Answer	Q	Question	Answer
1	Johnson walks to school each day and this takes him 25 mins each time. How long does Johnson spend walking to school each week (Mon – Fri)?		6	Simplify $\frac{14abc^3}{21}$	
2	If it took 20000 people 20 years to build an ancient pyramid, how long would it have taken 5000 people to build the same pyramid?		7	Expand $-2(s + 1)$	
3	Write $p$ divided by 10 as an expression		8	If $x = 4, y = 2$ and $z = 10$ , find the value of $\frac{yz}{x} + 8$	
4	Simplify $5t + u - 2t - 4u$		9	Solve $\frac{x}{2} = 9$	
5	Simplify $z \times 4$		10	Write the following as an inequality: $x$ is less than or equal to $-3$	

NINJA SCORE:

Ninjas Plus Screenshot- Example Ninjas Plus Skill Check from the Bronze Programme

SESSION 1- NINJAS PLUS SKILL CHECK

Non-calculator. Use written calculations if useful

Q	Question	Answer	Q	Question	Answer
1	Evaluate $\frac{3}{4} - \frac{1}{2}$		6	Simplify $(x^2)^3$	
2	Increase £50 by 10%		7	Expand $2(x + 6)$	
3	Decrease £50 by 10%		8	Expand $(x + 2)(x + 3)$	
4	A book costs £20 and is reduced to £16. What is the percentage decrease?		9	Factorise $5x + 15$	
5	Share £60 in the ratio 2:1		10	Factorise $x^2 + 5x + 6$	

NINJA SCORE:

**Ninjas Plus Screenshot-** Example Ninjas Plus Skill Check from the Silver Programme

## 150 New Ninja Skills Covered in Ninjas Plus

Bronze programme		Silver programme		Gold programme				
Book 1	1	Power laws- power of one	Book 1	1	Power laws- unit fraction powers	Book 1	1	Power laws- non-unit fraction powers
	2	Power laws- power of zero		2	Power laws- negative powers		2	Power laws- negative and fractional powers
	3	Power laws- multiplying numbers with the same base		3	Highest common factor		3	Simplifying surds
	4	Power laws- dividing numbers with the same base		4	Lowest common multiple		4	Write a number close to standard form in standard form
	5	Power laws- power of a power		5	Collecting like terms- surds		5	Add numbers in standard form
	6	Prime factor form		6	Multiplying surds		6	Subtract numbers in standard form
	7	Add fractions with like denominators		7	Dividing surds		7	Multiply numbers in standard form
	8	Subtract fractions with like denominators		8	Write an ordinary number in standard form		8	Divide numbers in standard form
	9	Multiply fractions		9	Write a number in standard form in ordinary form		9	Add mixed numbers
	10	Multiply an integer by a fraction		10	Add fractions with different denominators		10	Subtract mixed numbers
Book 2	1	Divide fractions	Book 2	1	Subtract fractions with different denominators	Book 2	1	Multiply mixed numbers
	2	Divide an integer by a fraction		2	Increase by a percentage		2	Divide mixed numbers
	3	Divide a fraction by an integer		3	Decrease by a percentage		3	Given a fraction of an amount, find the whole amount
	4	Convert a mixed number to an improper fraction		4	Find a percentage change		4	Calculate a reverse percentage
	5	Convert an improper fraction to a mixed number		5	Share a quantity in a given ratio		5	Share in a ratio given part of the ratio
	6	Find a fraction of an amount		6	Simplifying algebraic terms- power of a power		6	Share in a ratio given the relationship between parts of the ratio
	7	Find a percentage of an amount		7	Expand single brackets and simplify		7	Factorise into double brackets- $a > 1$
	8	Find one number as a percentage of another		8	Expand double brackets and simplify		8	Factorise using the difference of two squares
	9	Equivalent ratios		9	Factorise into a single bracket by removing HCF		9	Solve a linear inequality and state the integers satisfying it
	10	Simplify a ratio		10	Factorise into double brackets- $a = 1$		10	Find the gradient of a line on a cartesian plane
Book 3	1	Direct proportion questions	Book 3	1	Solve linear equations with fractional solutions	Book 3	1	Find the equation of a line on a cartesian plane
	2	Inverse proportion questions		2	Solve linear equations with an unknown on both sides		2	Basic angle facts- multi-step questions
	3	Writing expressions		3	Solve linear equations involving brackets		3	Angles in parallel lines- multi-step questions
	4	Collecting like terms		4	Solve a linear inequality		4	Size of interior angles in a regular polygon
	5	Multiplying terms		5	Find the nth term rule of a linear sequence		5	Size of exterior angles in a regular polygon
	6	Dividing terms		6	Plot a line on a cartesian plane from its equation		6	How many sides on a regular polygon
	7	Expand a single bracket		7	Find the gradient of a line from its equation		7	Metric area unit conversions
	8	Substitution		8	Find the y intercept of a line from its equation		8	Metric volume unit conversions
	9	Solve linear equations with integer solutions		9	Find the y intercept of a line on a cartesian plane		9	Metric capacity unit conversions
	10	Write an inequality from words		10	Basic angle facts- base angles in an isosceles triangle		10	Perimeter of a semi-circle
Book 4	1	State an inequality in words	Book 4	1	Basic angle facts- angles in an equilateral triangle	Book 4	1	Area of a compound shape
	2	Generate terms of a linear sequence from its nth term rule		2	Angles in parallel lines- alternate angles		2	Area of a semi-circle
	3	Plot basic lines on a cartesian plane		3	Angles in parallel lines- co-interior angles		3	Surface area of a triangular prism
	4	Find the equation of a basic line on a cartesian plane		4	Angles in parallel lines- corresponding angles		4	Surface area of a pyramid
	5	Basic angle facts- angles around a point		5	Sum of interior angles in a polygon		5	Surface area of a cone
	6	Basic angle facts- angles on a straight line		6	Sum of exterior angles in polygon		6	Surface area of a sphere
	7	Basic angle facts- vertically opposite angles		7	Perimeter of a compound shape		7	Volume of a cone
	8	Basic angle facts- angles in a triangle		8	Circumference of a circle		8	Volume of a pyramid
	9	Basic angle facts- angles in a quadrilateral		9	Area of a trapezium		9	Volume of a sphere
	10	Metric length unit conversions		10	Area of a circle		10	Pythagoras- finding a missing shorter side
Book 5	1	Metric weight unit conversions	Book 5	1	Surface area of a cube	Book 5	1	Calculate a reverse mean
	2	Perimeter of basic shapes		2	Surface area of a cuboid		2	Mean from a frequency table
	3	Area of a square		3	Volume of a prism		3	Median from a frequency table
	4	Area of a rectangle		4	Pythagoras- finding a missing hypotenuse		4	Median class interval from a grouped data frequency table
	5	Area of a parallelogram		5	Mode from a frequency table		5	Estimated mean from a grouped data frequency table
	6	Area of a triangle		6	Modal class interval from a grouped data frequency table		6	Plot/interpret a comparative bar chart
	7	Mode from a list of data		7	Plot/interpret a line graph		7	Plot/interpret a composite bar chart
	8	Mean from a list of data		8	Plot/interpret a bar chart		8	Draw/interpret a pie chart
	9	Median from a list of data		9	Plot/interpret a scatter graph		9	Plot/interpret a stem and leaf diagram
	10	Range from a list of data		10	Identify a correlation from a scatter graph		10	Plot/interpret a frequency polygon
Book 6	Mix-up of Bronze Programme Ninjas Plus Skills		Book 6	Mix-up of Silver Programme Ninja Plus Skills		Book 6	Mix-up of Gold Programme Ninja Plus Skills	

Screenshots from Ninjas Plus  
Example of the Answers Presentation



Q	Question	Answer	Q	Question	Answer
1	Write this inequality in words $x \geq 5$	$x$ is greater than or equal to 5	6	Find $x$ 	$65^{\circ}$
2	The $n$ th term rule for a linear sequence is given below. Write the first 5 terms in the sequence $3n - 5$	-2, 1, 4, 7, 10	7	Find $x$ 	$115^{\circ}$
3	Draw the line $x = -1$		8	Find $x$ 	$73^{\circ}$
4	Equation of this line? 	$y = -3$	9	Find $x$ 	$80^{\circ}$
5	Find $x$ 	$120^{\circ}$	10	Convert 3.5cm into mm	$35\text{mm}$

NUMERACY<sup>+</sup>  
NINJAS  
NINJAS PLUS  
ANSWERS  
BRONZE  
BOOK 4  
SESSION 3  
  
LINKS  
HOME  
LAUNCH SESSION  
  
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Screenshots from Ninjas Plus  
Example of the Achievement Certificates



BOOK 1								
SESSION	1	2	3	4	5	6	7	8
NINJA SCORE								

BOOK 2								
SESSION	1	2	3	4	5	6	7	8
NINJA SCORE								

BOOK 3								
SESSION	1	2	3	4	5	6	7	8
NINJA SCORE								

BOOK 4								
SESSION	1	2	3	4	5	6	7	8
NINJA SCORE								

BOOK 5								
SESSION	1	2	3	4	5	6	7	8
NINJA SCORE								

BOOK 6										
SESSION	1	2	3	4	5	6	7	8	9	10
NINJA SCORE										





## Reward your Ninjas

Recognising and celebrating students' achievements is a powerful motivator in their educational journey. The [Numeracy Ninjas Online Shop](#) offers a diverse range of merchandise designed to acknowledge learners' progress and foster a sense of accomplishment.

### Featured Products:

**Apparel:** Our collection includes premium T-shirts and hoodies featuring the distinctive Numeracy Ninjas logo, available in various sizes and colours to suit all preferences.

**Accessories:** Explore our selection of drawstring bags, ideal for carrying school essentials, and stickers that add a fun touch to personal items.

Incorporating these items into your reward system can significantly enhance student engagement and motivation. Recognising milestones with tangible rewards not only celebrates success but also encourages continued effort and dedication.

Visit the [Numeracy Ninjas Online Shop](#) today to explore our full range of products and find the perfect rewards to inspire your learners.



## Autumn Term Prize Draws

We are delighted to announce the following subscribing schools as winners of the Autumn Term Prize Draws:

<b>Autumn Term Winners</b>
Hellesdon High School
All Saints Catholic School
Brookfield Community School
Rednock School
The Ramsey Academy
Ashlawn School
County High School
Oakwood House
The Orchard School
Watson Academy

You have each won some Ninjas-branded prizes to share with your students. These will be posted to you at the start of the spring term. Congratulations!

## Get Social

Follow our social media accounts for the latest Ninjas news. Click the links below.



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