

Introduction to English and Maths at Key Stage 3

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Robert Dale

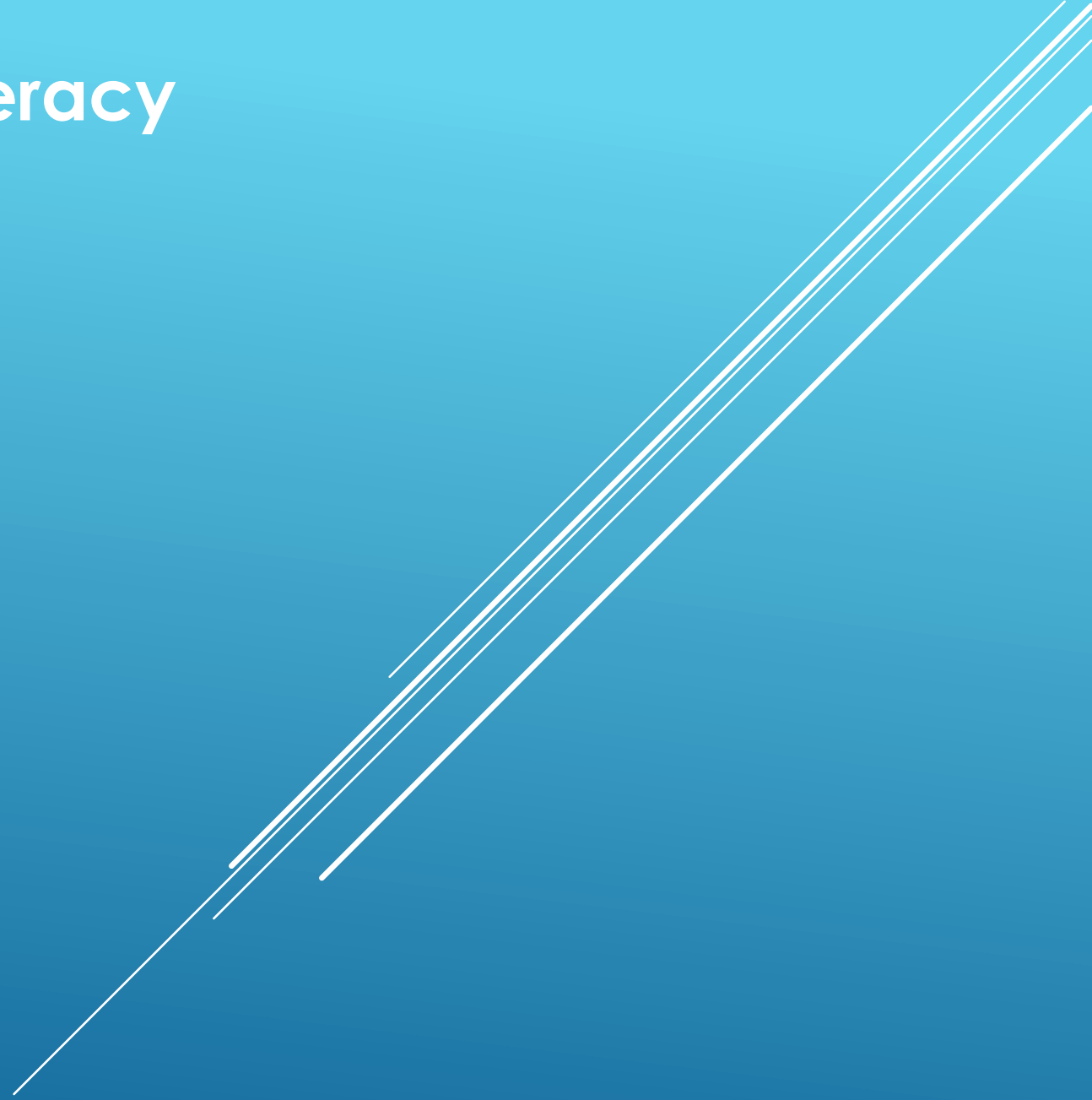
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Today's session will cover:

- What will my child need to be successful?
 - What will my child learn in Y7 and Y8?
 - How can I support my child?
 - What additional support do you offer?
 - What additional challenge do you offer?
 - Q&A
- 
- Three parallel white lines of varying lengths are positioned in the bottom right corner of the slide, slanted diagonally upwards from left to right.

Supporting your child's numeracy



What will my child need to be successful?



"We watch the videos together when we find the work challenging"

"I'm so proud of the work my child is doing – they are teaching me so much!"



"She's excelling in art because she dedicates a lot of time to it. She's committed to do the same with maths."

"We want you to feel confident in as many subjects as possible. That way, you have a choice of what you don't want to do."



What will my child learn in Y7 and Y8?

Year 7 →

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Autumn	Baseline Assessment	Number sense and calculations						Expressions and equations			Measures		Assessment & Revision
Spring	2D Shapes	Perimeter and area			Coordinates	Factors, multiples and primes		Fractions				Brackets	Assessment & Revision
Summer	Angles		Handling data and statistical diagrams			Proportion	End of Year Assessment	Fractions, decimals and percentages			Probability		Assessment & Revision

Year 8 →

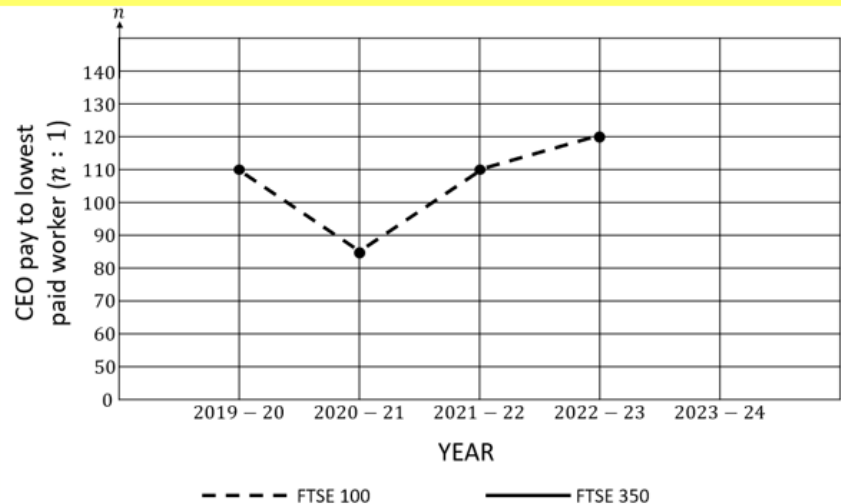
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Autumn	Percentages		Money	Indices		Equations		Sequences		Ratio			Assessment & Revision
Spring	Rounding	Coordinates	Area	Circles		Standard form		Venn diagrams		3D shapes	Surface area and volume		Assessment & Revision
Summer	Linear graphs	Transformations	Angles		Statistical diagrams		End of Year Assessment	Inequalities	Brackets	Algebraic fractions		Recurring decimals	Assessment & Revision

Company	CEO Pay (£million)	CEO Pay (£)	Lowest paid employee (£)	n : 1 (to 2 d.p.)	Using 20: 1 (£)
ASOS	0.815	815 000	31 035	26.26 : 1	620 700
Pets at Home	0.652	652 000	22 532	28.94 : 1	450 640
Games Workshop	1.395	1 395 000	25 000	55.80 : 1	500 000
JD Sports	1.586	1 586 000	18 053	87.85 : 1	361 060
Dunelm	1.985	1 985 000	21 445	92.56 : 1	428 900
Curry's PC World	2.236	2 236 000	23 707	94.32 : 1	474 140
Moonpig	6.266	6 266 000	32 000	195.81 : 1	640 000
WH Smith	2.914	2 914 000	21 598	134.92 : 1	431 960
B&M Bargains	3.2	3 200 000	21 766	147.02 : 1	435 320
Marks and Spencer's	4.729	4 729 000	24 000	197.04 : 1	480 000
Next	4.520	4 520 000	19 965	226.40 : 1	399 300

We use the term FTSE (pronounced "footsie") 100 to talk about the hundred large companies listed on the London Stock Exchange.

Likewise, we use FTSE 350 to talk about the 350 largest companies.

The CEO/lowest paid employee ratio data for these two groups between 2019 and 2024 are shown on the right.



Your task:

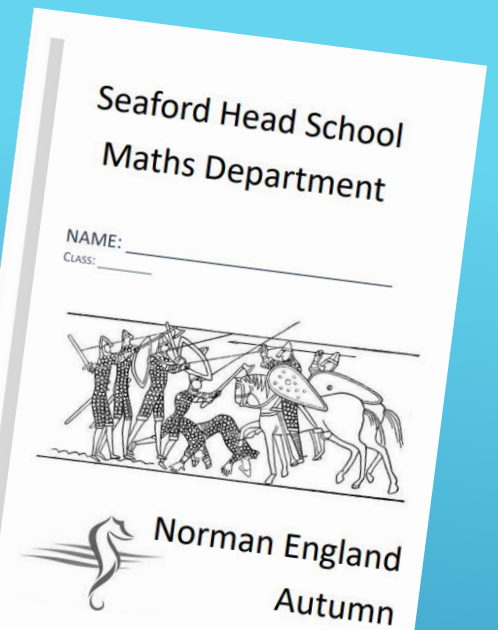
- Complete the line graph for the FTSE 100 ratio of 2023-24.
- On the same graph, use the data from the table to draw a line graph for the FTSE 350 ratio between 2019 and 2024.
- Based on your graph, write sentences about the following:
 - Between which two periods did the ratio increase most steeply for both FTSE 100 and FTSE 350 companies?

The first UK COVID-19 Lockdown measures happened in March 2020,

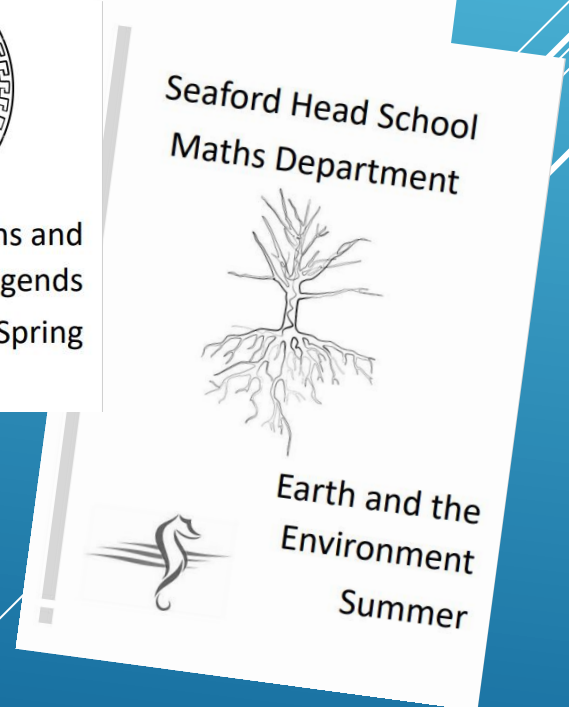
- Explain how this can be seen on your graph.



Myths and
Legends
Spring

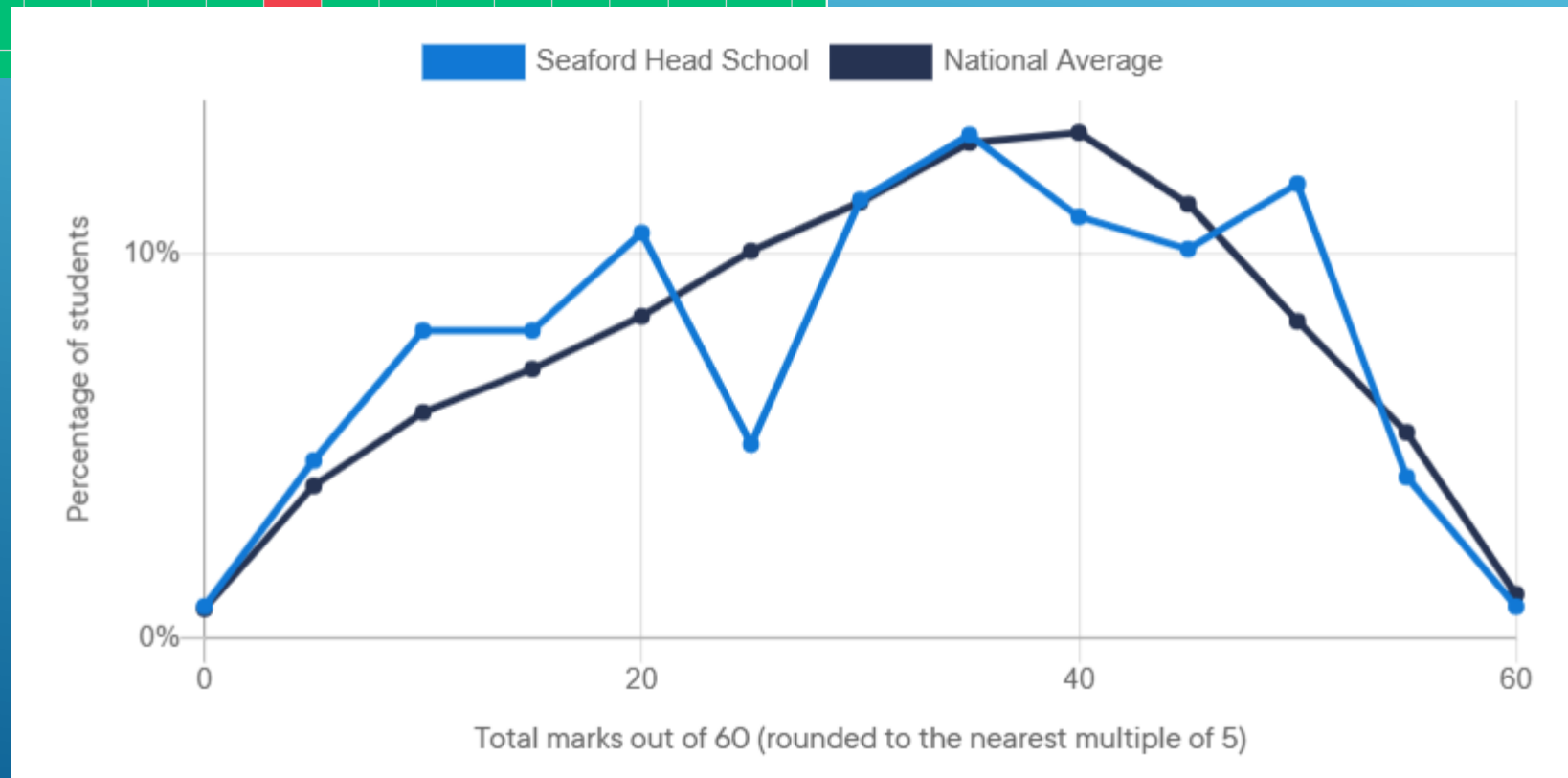


Norman England
Autumn



Earth and the
Environment
Summer

Maths Year 5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
Adding integers				Integer place value		Adding and subtracting with negative integers				Integer place value		Using clocks		Calculating with time		Using a written method to multiply integers				Using a written method to divide integers				Rounding decimals		Subtracting decimals		Converting units of length, mass and capacity		Converting units of length, mass and capacity		Solving equations with one step		Solving equations with one step		Ordering negative numbers		Using the correct order of operations		Rounding integers		Algebraic notation		Substituting into expressions with multiple variables		Adding decimals		Simplifying expressions containing multiple variables		Decimal place value		Multiplying and dividing with negative integers		Converting units of time		Rounding integers		Calculating																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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How can I support with SPARX?

86%		0h 37m	Incomplete	 2	View >
93%		0h 36m	Incomplete	 2	View >
94%		0h 59m	Incomplete		View >
✓		0h 24m	2 days early		View >
✓		1h 11m	1 day early		View >
✓		0h 47m	4 days early		View >
✓		0h 59m	1 day early		View >
✓		0h 39m	1 day early		View >
✓		0h 41m	1 day early		View >
✓		0h 06m	Hand-in day	 6	View >
✓		0h 32m	1 day early		View >
✓		0h 26m	1 day early		View >

How long have they spent on the their independent study?

Do they need additional support?

Have they watched the video?

Have they correctly inputted the bookwork codes?

Have they completed any additional work?

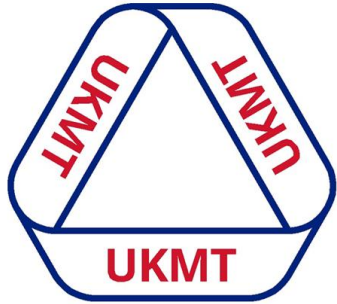
74%

83%

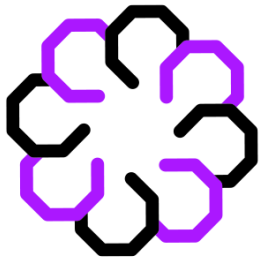
What additional support do you offer?

- SPARX lunchtime club;
 - Evolve pathway additional numeracy;
 - NCETM Securing Foundations at Year 7;
 - Teaching assistant-guided homework support for SEND students;
 - Rotary club intervention.
- 
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What additional challenge do you offer?



United Kingdom
Mathematics Trust



AXIOM
MATHS

WEEK 1&2

YEAR 7: PROBLEM OF THE WEEK

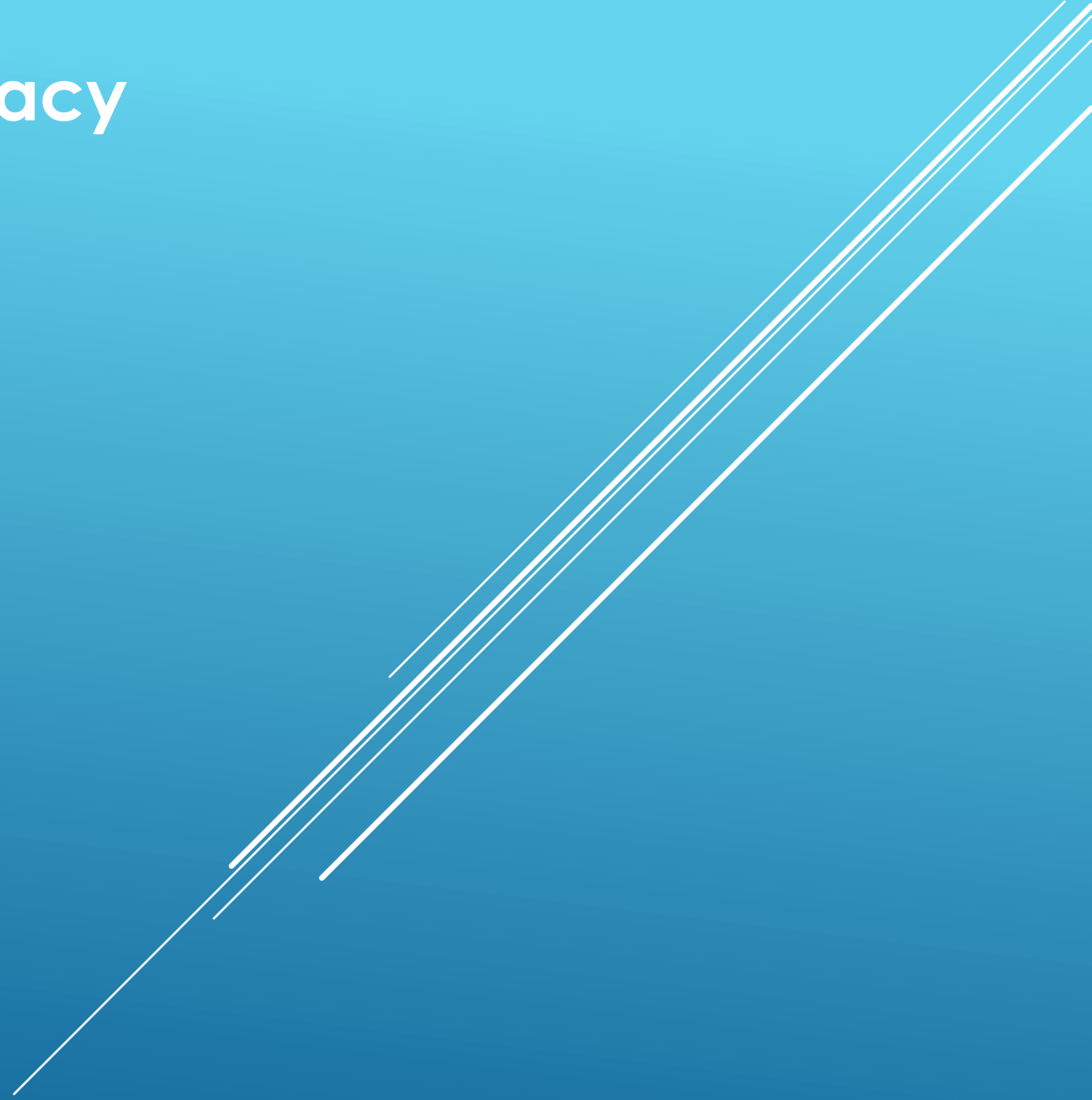
2 9

A four digit number has been written on a piece of paper. The last two digits were then blotted out as shown.

The four digit number is divisible by five and eleven, but not by two.

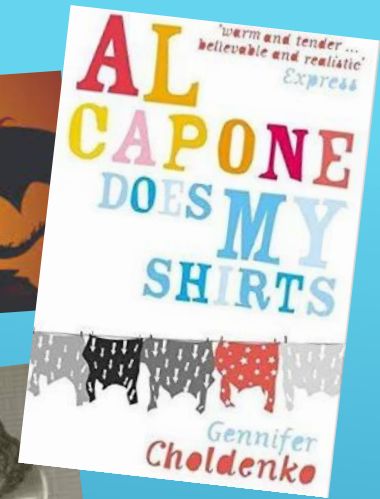
What four digit number is it?

Supporting your child's literacy



YEAR 7 CURRICULUM

- ▶ **Term 1:** Novel – Al Capone does my Shirts
- ▶ **Term 2:** Poetry from around the World
- ▶ **Term 3:** Creative Writing – Myths and Legends
- ▶ **Term 4:** Shakespeare: An Introduction
- ▶ **Term 5:** Non-Fiction – The Environment
- ▶ **Term 6:** Novel – The Giver



YEAR 8 CURRICULUM

- ▶ **Term 1:** Novel – Of Mice and Men
- ▶ **Term 2:** Poetry – From the Romantics to Contemporary Poets
- ▶ **Term 3:** Creative Writing – Crime
- ▶ **Term 4:** Shakespeare – A Midsummer Night's Dream
- ▶ **Term 5:** Non-Fiction Unit – Travel and Tourism
- ▶ **Term 6:** Novel – Oliver Twist



PREPARATION FOR KS4

The KS3 curriculum provides:

- An introduction to poetry analysis
 - An introduction to the 19th century novel and context
 - An introduction to the work of Shakespeare
 - Creative and transactional writing skills
 - GRAMMAR and VOCABULARY focus
- 
- A series of three parallel white diagonal lines on the right side of the slide, extending from the middle towards the bottom right corner.

KEY READING SKILLS



- ▶ **Inference** and **deduction**
- ▶ Using **evidence** to support points
- ▶ **Analysis** of language and structure devices to convey writers' meaning
- ▶ Exploring **effect** on the reader
- ▶ Understanding significance of **context**, **purpose** and **audience**

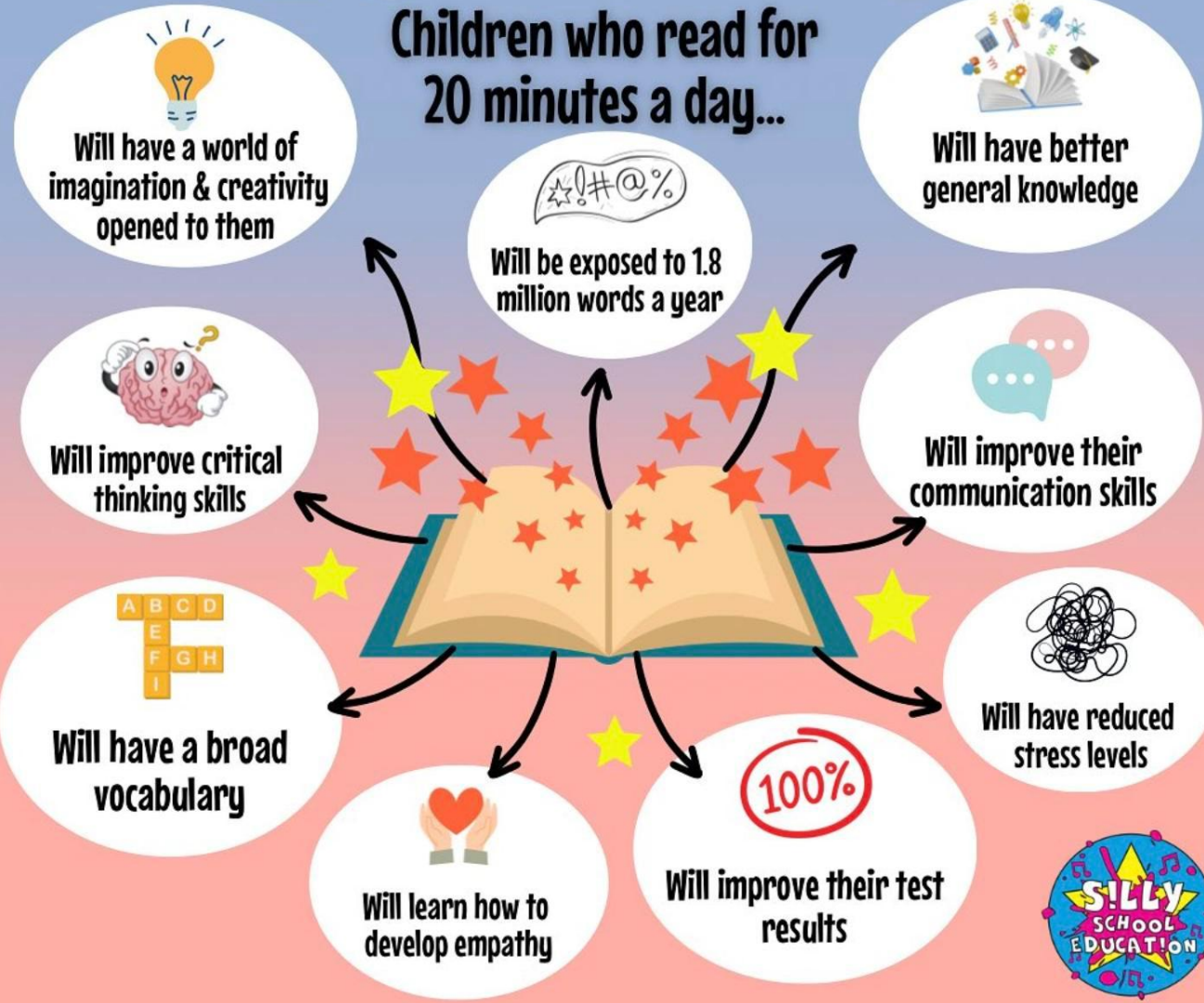


KEY WRITING SKILLS

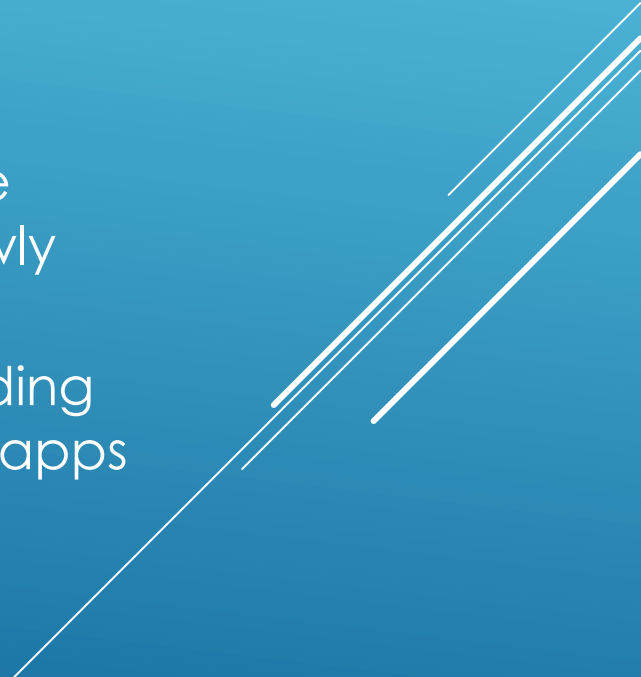
- ▶ Writing for particular **purpose, audience** and **text-type**
- ▶ **Organisation** of texts, including paragraphing, topic sentences for cohesion
- ▶ Varying **sentences** and accuracy of **punctuation**
- ▶ **Vocabulary** and **spelling** (SPaG)

20 is plenty!

Children who read for
20 minutes a day...

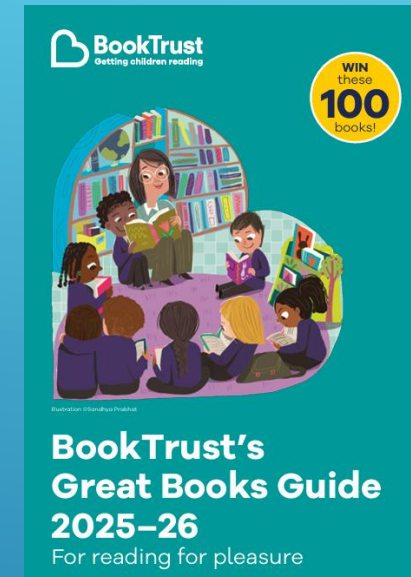
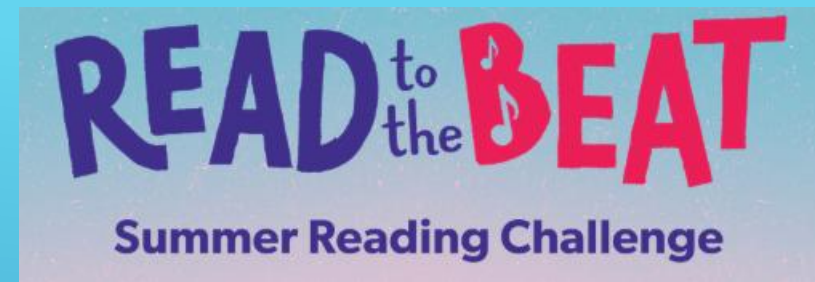


WHAT CAN YOU DO?

- ▶ Build reading into your child's daily routine.
 - ▶ Encourage your child to follow their interests.
 - ▶ Surround your child with books.
 - ▶ Set a good example; be caught in the act!
 - ▶ Take breaks while reading – encourage them to take breaks when reading – giving them a chance to slowly build their mental stamina.
 - ▶ Use technology together – engage your child in reading and activities such as telling a story in pictures; using apps for e-books or listening to audio books.
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BOOK RECOMMENDATIONS

- ▶ The Book Trust – has a list of 100 best books!
- ▶ [Suggested reading for years 7 & 8: Summer term | BookTrust](#)
- ▶ Visit your local library and take part in the 'Read to the Beat' reading challenge



BEDROCK LEARNING



- ▶ Bedrock Vocabulary is **a digital vocabulary curriculum that teaches essential Tier 2 words, root words and academic verbs.**
- ▶ All new language is embedded in original stories and non-fiction texts so your students are regularly reading high-quality texts as well.
- ▶ Students will be provided with their username and passwords and will be expected to complete 2 sessions a week.

WHAT SUPPORT DO WE OFFER?

- ▶ Bedrock lunchtime club
 - ▶ English tutor time intervention
 - ▶ Rotary Reading
- 
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Q&A

