

Saint John Wall Catholic School

A Catholic School For All



Mission Statement

'To educate each and every unique child in our care to hear and respond to what God calls them to be'



Issue 29

Weekly Information Bulletin

Date: Friday 3 May 2024

Catholic Life - This year we are focusing on 'Year of Live Simply'.
Termly Theme: Care for Creation
Termly SJW Values – Curious and Active

This week in weekly worship... *"We talked about Numeracy Week and how it can help us in life. We listened to a reading from the Gospel of John and thought about how numeracy is present in everyday life. For example, when we go to the shop and buy something. I can be **curious and active** by asking my teacher for help if I become confused with my numeracy. I like Weekly Worship because it is a time when we can reflect as a person".*

By Krzysztof Daszkiewicz 9MAN

This week in Afternoon Prayer... *"We prayed for St Catherine of Siena. She wanted to live a life full of **peace**. She also made the idea of Imago Dei. We also prayed for Numeracy Week. We should add more faith and subtract sin. We also prayed our school prayer with hope and faith that God can help us. We prayed to **hear and respond to what God is calling us to be**. I enjoy Afternoon Prayer as it is an opportunity to bring us closer to God".*

By Robert Gregoryan 9MAN

Dates to Note

- **Bank Holiday – School Closed**
Monday 6 May 2024
- **UCB Catering Trip – 16 Year 9 & Year 10s**
Tuesday 14 May 2024 – 8.45am to 1pm
- **Brilliant Club Graduation at University of Nottingham**
Wednesday 15 May 2024 – 13 Year 8 pupils - 8am to 4.30pm

Bank Holiday

A reminder that Monday 6 May 2024 is a bank holiday. School will be closed to all pupils.

School will reopen at the normal time on Tuesday 7 May 2024.

Year 11 Formal Examinations

Year 11s will be sitting their formal GCSE examinations from next week. A copy of the timetable is displayed later in this newsletter.

It is vital that pupils are fully prepared and arrive to school early each day with the correct equipment.

We wish Year 11 good luck and best wishes in these examinations. Keep working hard, revising, preparing and believing in your ability. #shine



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Uniform

Saint John Wall school uniform is an important part of our school life. All pupils are encouraged to take pride in their personal appearance. The uniform ensures everybody can wear affordable and appropriate clothing to school, without experiencing peer or fashion pressures. When we wear our uniform correctly, it is an outward sign that we are proud to belong to the Saint John Wall Catholic School community. **From 3 June 2024 onwards**, pupils will be allowed to wear the summer uniform as shown below.

ClassCharts for Parents APP



As part of the Saint John Wall School Commitment to keep parents/carers informed about your child and events happening in and around school, we will be sending information to you through the **ClassCharts for Parents App**. You have been sent a unique code which is only for your child. Please do not share your code with other parents/carers. If you have not received this code, please contact the school. **From 1 July 2024 all communication from the school will be sent using this App.** **By Miss Timmins**

Ofsted – The Big Listen

As part of Ofsted’s Big Listen, which aims to understand public perceptions of Ofsted, the National Centre for Social Research (NatCen) is carrying out independent research to understand parents’ and carers’ views of and experiences with Ofsted.

Ofsted - The Big Listen – we want to hear your views!

The National Centre for Social Research (NatCen) is carrying out a short survey on behalf of Ofsted. We want to hear from parents/carers of children who are under 18 years old. It should only take around 10 minutes to complete. We are interested in views of, and any experiences with, Ofsted, including Ofsted’s inspection, regulation and reporting practices. We really want to hear from a wide range of parents and carers, even if you don’t have strong opinions about Ofsted, or haven’t had much experience of Ofsted.

Please click on the following link to find out more or take part in the survey:

survey.natcen.ac.uk/TheBigListen

Sport4Life UK – Free Weekly Sports Sessions

Sport4Life is a sport for employment charity in the West Midlands. They offer free weekly sessions for young people in football, basketball, netball and NFL flag football in a range of locations in and around Birmingham. For more information, including locations, days and times, click this link to find out more: <https://sport4life.org.uk/young-people/sports-sessions/>

By Miss Guest

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Summer Uniform Standards

Hot Days



- School polo shirt
- No tie
- Can be untucked
- No blazers required
- No coats permitted

Warm Days



- School polo shirt
- No tie
- Can be untucked
- With blazer

OR



- Shirt and tie with blazer

No coats permitted

Colder Days



- Shirt and tie with blazer
- Jumper permitted
- Coat permitted

Uniform change from 1st September 2024



Grey and Navy jumpers will no longer be part of the Saint John Wall uniform.

By Miss Timmins





Aston Villa Women's v West Ham United Women's

On Sunday 28 April, Mrs Ratcliffe and Miss Reynolds took 8 Year 7 pupils to watch Aston Villa Women's against West Ham United at Villa Park.

Aston Villa Women were held to a 1-1, Alisha Lehmann broke the deadlock late in the second half as Villa thought they were en route to a rare home victory. But Shannon Cooke nodded in for the Hammers in the 94th minute to ensure a share of the points in B6.

The result dents Villa's hopes of finishing inside the top six as they began their final three games of the season with a frustrating stalemate.

By Mrs Ratcliffe



"An amazing experience at the Aston Villa match, very grateful for the opportunity really enjoyed it and hope for another chance to go.

One of my favourite parts was when they scored. It was amazing!

As I watched the game, I learned teamwork seeing those girls working together to achieve what they wanted was incredible".

By Lidia Mehari-Gabremicael 7BRS



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GCSE Examinations Timetable

Day	Exam Date	Exam Board	Qualification	Subject	Title	Exam Time AM-9.15 PM 13.15	Exam Duration
TUES	07/05/2024	AQA	GCSE	ITALIAN	SPEAKING EXAMS		27M EACH
FRI	10/05/2024	AQA	GCSE	POLISH	SPEAKING EXAMS		27M EACH
TUES	14/05/24 TBC	AQA	GCSE	PANJABI	SPEAKING EXAMS		27M EACH
1 Week 1							
THURS	09/05/2024	WJEC	GCSE	Religious Studies	Religious Studies (Full Course) Route B Component 1 (Eduqas) Found Catholic	9.15AM	1h 30m
THURS	09/05/2024	OCR	CAMBRIDGE NATIONAL	(Engineering Design)	Principles of engineering design: Written Paper	11.30AM	1h 15m
THURS	09/05/2024	AQA	GCSE	Italian	Italian Paper 1 LISTENING	PM	35m
THURS	09/05/2024	AQA	GCSE	Italian	Italian Paper 1 LISTENING	PM	45m
THURS	09/05/2024	AQA	GCSE	Italian	Italian Paper 3	PM	45m
THURS	09/05/2024	AQA	GCSE	Italian	Italian Paper 3	PM	1h
FRI	10/05/2024	Pearson	GCSE	Biology	Paper 1 Foundation Tier	AM	1h 45m
FRI	10/05/2024	Pearson	GCSE	Biology	Paper 1 Higher Tier	AM	1h 45m
FRI	10/05/2024	Pearson	GCSE	Combined Science	Paper 1: Biology 1 Foundation Tier	AM	1h 10m
FRI	10/05/2024	Pearson	GCSE	Combined Science	Paper 1: Biology 1 Higher Tier	AM	1h 10m



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Day	Exam Date	Exam Board	Qualification	Subject	Title	Exam Time AM-9.15 PM 13.15	Exam Duration
2 Week 2							
MON	13/05/2024	WJEC	GCSE	English Literature	English Literature Component 1 (Eduqas)	AM	2h 00m
MON	13/05/2024	OCR	CAMBRIDGE NATIONAL	(Sport Studies)	Contemporary issues in Sport: Written Paper	PM	1h 15m
TUES	14/05/2024	AQA	GCSE	French	French Paper 1 LISTENING	AM	35m
TUES	14/05/2024	AQA	GCSE	French	French Paper 1 LISTENING	AM	45m
TUES	14/05/2024	AQA	GCSE	French	French Paper 3	AM	45m
TUES	14/05/2024	AQA	GCSE	French	French Paper 3	AM	1h
WEDS	15/05/2024	Pearson	GCSE	History	Paper 1: Thematic study and historic environment Crime & Punishment	AM	1h 15m
THURS	16/05/2024	Pearson	GCSE	Mathematics	Paper1 Non calculator Foundation	AM	1h 30m
THURS	16/05/2024	Pearson	GCSE	Mathematics	Paper1 Non calculator Higher	AM	1h 30m
WEDS	15/05/2024	Pearson	GCSE	Computer Science	Paper 1: Principles of Computer Science WRITTEN	PM	1h 30m
THURS	16/05/2024	WJEC	GCSE	Religious Studies	Religious Studies (Full Course) Route B Component 2 (Eduqas)	PM	1h 30m
FRI	17/05/2024	Pearson	GCSE	Chemistry	Paper 1 Foundation Tier	AM	1h 45m
FRI	17/05/2024	Pearson	GCSE	Chemistry	Paper 1 Higher Tier	AM	1h 45m
FRI	17/05/2024	Pearson	GCSE	Combined Science	Paper 2: Chemistry 1 Foundation Tier	AM	1h 10m
FRI	17/05/2024	Pearson	GCSE	Combined Science	Paper 2: Chemistry 1 Higher Tier	AM	1h 10m
FRI	17/05/2024	AQA	GCSE	Geography	Geography Paper 1	PM	1h 30m





GCSE Examinations Timetable

Day	Exam Date	Exam Board	Qualification	Subject	Title	Exam Time AM-9.15 PM 13.15	Exam Duration
3 Week 3							
MON	20/05/2024	WJEC	GCSE	English Literature	English Literature Component 2 (Eduqas)	AM	2h 30m
MON	20/05/2024	AQA	GCSE	Italian	Italian Paper 4	PM	1h
MON	20/05/2024	AQA	GCSE	Italian	Italian Paper 4	PM	1h 15m
TUES	21/05/2024	OCR	CAMBRIDGE NATIONAL	(Enterprise and Marketing)	Enterprise and marketing concepts: Written Paper	AM	1h 15m
TUES	21/05/2024	Pearson	GCSE	Computer Science	ONSCREEN Paper 2: Application of Computational Thinking (Onscreen using an Integrated Development Environment (IDE) of choice)	PM	2h 00m
WEDS	22/05/2024	Pearson	GCSE	Combined Science	Paper 3: Physics 1 Foundation Tier	AM	1h 10m
WEDS	22/05/2024	Pearson	GCSE	Combined Science	Paper 3: Physics 1 Higher Tier	AM	1h 10m
WEDS	22/05/2024	Pearson	GCSE	Physics	Paper 1 Foundation Tier	AM	1h 45m
WEDS	22/05/2024	Pearson	GCSE	Physics	Paper 1 Higher Tier	AM	1h 45m
WEDS	22/05/2024	OCR	CAMBRIDGE NATIONAL	(IT)	IT in the digital world: Written Paper	13.15PM	1h 30m
WEDS	22/05/2024	OCR	GCSE (9-1)	(Physical Education)	Physical factors affecting performance - Written Paper	13.15PM	1h 00m
WEDS	22/05/2024	OCR	GCSE (9-1)	(Physical Education)	Physical factors affecting performance - Written Paper-CLASH	15.00PM	1h 00m
THURS	23/05/2024	AQA	GCSE	English Language	English Language Paper 1	AM	1h 45m
FRI	24/05/2024	AQA	GCSE	French	French Paper 4	AM	1h
FRI	24/05/2024	AQA	GCSE	French	French Paper 4	AM	1h 15m
SPRING BANK HOL HALF TERM							



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GCSE Examinations Timetable

Day	Exam Date	Exam Board	Qualification	Subject	Title	Exam Time AM-9.15 PM 13.15	Exam Duration
4 Week 4							
MON	03/06/2024	Pearson	GCSE	Mathematics	Paper 2 Foundation	AM	1h 30m
MON	03/06/2024	Pearson	GCSE	Mathematics	Paper 2 Higher	AM	1h 30m
MON	03/06/2024	OCR	GCSE (9-1)	(Physical Education)	Socio-cultural issues and sports psychology - Written Paper	PM	1h 00m
TUES	04/06/2024	AQA	GCSE	Spanish	Spanish Paper 1 LISTENING	AM	35m
TUES	04/06/2024	AQA	GCSE	Spanish	Spanish Paper 1 LISTENING	AM	45m
TUES	04/06/2024	AQA	GCSE	Spanish	Spanish Paper 3	AM	45m
TUES	04/06/2024	AQA	GCSE	Spanish	Spanish Paper 3	AM	1h
TUES	04/06/2024	Pearson	GCSE	History	Paper 2: British depth study & Period study (PM	1h 45m
WEDS	05/06/2024	AQA	GCSE	Geography	Geography Paper 2	AM	1h 30m
WEDS	05/06/2024	OCR	CAMBRIDGE NATIONAL	(Health and Social Care)	Principles of care in health and social care settings: Written Paper	PM	1h 15m
THURS	06/06/2024	AQA	GCSE	English Language	English Language Paper 2	AM	1h 45m
FRI	07/06/2024	WJEC	GCSE	Religious Studies	Religious Studies Route B Component 3 JUDAISM (Option 4) (Eduqas)	AM	1h 00m
FRI	07/06/2024	Pearson	GCSE	Biology	Paper 2 Foundation Tier	PM	1h 45m
FRI	07/06/2024	Pearson	GCSE	Biology	Paper 2 Higher Tier (Includes Y11 resits & Y10)	PM	1h 45m
FRI	07/06/2024	Pearson	GCSE	Combined Science	Paper 4: Biology 2 Foundation Tier	PM	1h 10m
FRI	07/06/2024	Pearson	GCSE	Combined Science	Paper 4: Biology 2 Higher Tier	PM	1h 10m





GCSE Examinations Timetable

Day	Exam Date	Exam Board	Qualification	Subject	Title	Exam Time AM-9.15 PM 13.15	Exam Duration
5 Week 5							
MON	10/06/2024	Pearson	GCSE	Mathematics	Paper 3 Foundation	AM	1h 30m
MON	10/06/2024	Pearson	GCSE	Mathematics	Paper 3 Higher	AM	1h 30m
MON	10/06/2024	AQA	GCSE	Spanish	Spanish Paper 4	PM	1h
MON	10/06/2024	AQA	GCSE	Spanish	Spanish Paper 4	PM	1h 15m
TUES	11/06/2024	Pearson	GCSE	Chemistry	Paper 2 Foundation Tier	AM	1h 45m
TUES	11/06/2024	Pearson	GCSE	Chemistry	Paper 2 Higher Tier	AM	1h 45m
TUES	11/06/2024	Pearson	GCSE	Combined Science	Paper 5: Chemistry 2 Foundation Tier	AM	1h 10m
TUES	11/06/2024	Pearson	GCSE	Combined Science	Paper 5: Chemistry 2 Higher Tier	AM	1h 10m
TUES	11/06/2024	Pearson	GCSE	History	Paper 3: Modern depth study Weimar & Nazi Germany	PM	1h 20m
WEDS	12/06/2024	AQA	GCSE	Panjabi	Panjabi Paper 1 LISTENING	PM	35m
WEDS	12/06/2024	AQA	GCSE	Panjabi	Panjabi Paper 1 LISTENING	PM	45m
WEDS	12/06/2024	AQA	GCSE	Panjabi	Panjabi Paper 3	PM	45m
WEDS	12/06/2024	AQA	GCSE	Panjabi	Panjabi Paper 3	PM	1h
WEDS	12/06/2024	AQA	GCSE	Polish	Polish Paper 3	PM	45m
WEDS	12/06/2024	AQA	GCSE	Polish	Polish Paper 3	PM	1h
WEDS	12/06/2024	AQA	GCSE	Polish	Polish Paper 1 LISTENING	PM	35m
WEDS	12/06/2024	AQA	GCSE	Polish	Polish Paper 1 LISTENING	PM	45m
FRI	14/06/2024	AQA	GCSE	Geography	Geography Paper 3	AM	1h 30m
FRI	14/06/2024	Pearson	GCSE	Combined Science	Paper 6: Physics 2 Foundation Tier	PM	1h 10m
FRI	14/06/2024	Pearson	GCSE	Combined Science	Paper 6: Physics 2 Higher Tier	PM	1h 10m
FRI	14/06/2024	Pearson	GCSE	Physics	Paper 2 Foundation Tier	PM	1h 45m
FRI	14/06/2024	Pearson	GCSE	Physics	Paper 2 Higher Tier	PM	1h 45m



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Year 11 Trip to Alton Towers

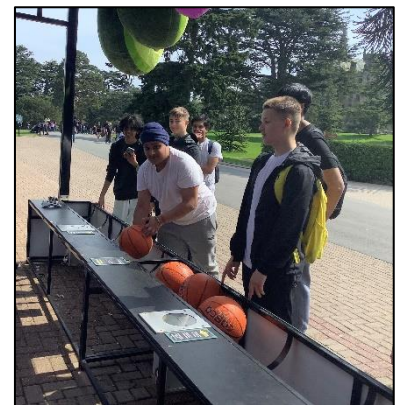
I am thrilled to report that our Year 11 trip to Alton Towers was a resounding success! Blessed with beautiful weather, our pupils enjoyed a full day of excitement, adventure, and laughter, truly making it a memorable outing.

Year 11 experienced a variety of rides, from heart-stopping roller coasters like the Smiler and Oblivion to the more serene River Rapids. Each ride offered thrills and the chance to bond over shared experiences, cheering each other on and conquering fears together.

I am incredibly proud of how our pupils represented our school by showing great maturity and respect throughout the day. This trip was not only about fun but also about fostering qualities like courage and resilience, which are some of the qualities required starting from next week with the GCSE examinations.

I would like to thank the staff for making this day not just possible but also highly enjoyable for everyone involved.

By Mr Hussain



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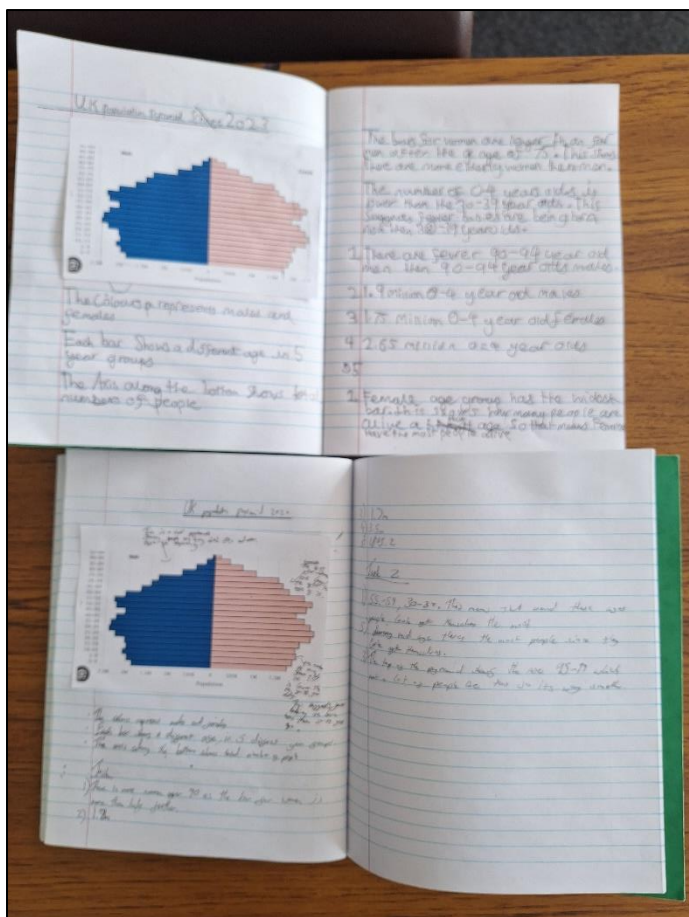
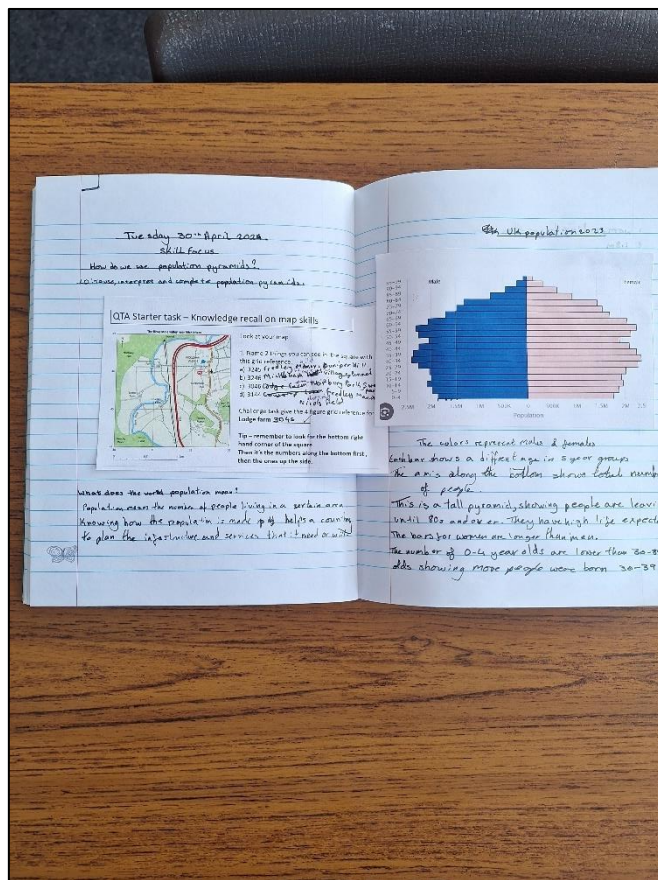
Numeracy Week in Geography

This week as a starter task, Year 8 geographers recalled 4 figure grid references.

They were then introduced to population pyramids, a way of presenting data on the structure of a population.

Using the graphs, they were asked to identify key age groups, calculate totals and work out what percentage these represented of the total population.

By Ms Levine



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Numeracy Week in Lifestyle

"For Numeracy week in lifestyle, we are learning how to budget our savings and what the things we need to spend our money on, and the things we would like to spend our money on. We have learnt about debt, budgeting, savings, investment and interest and how in the future we can be a reliable person with money. Personally, for me, I don't save my money up but if it means saving up for the things I like, I would do it. If I have savings, it's better for me".

By Neha Kaur Sagoo 8REG

"I have to be responsible for my money as usually I spend all my money. I need to manage my money properly and not keep my money in one place because I'll spend it all at once. In the future I need to be more careful with my money".

By Amelia Stolarska 8CAL

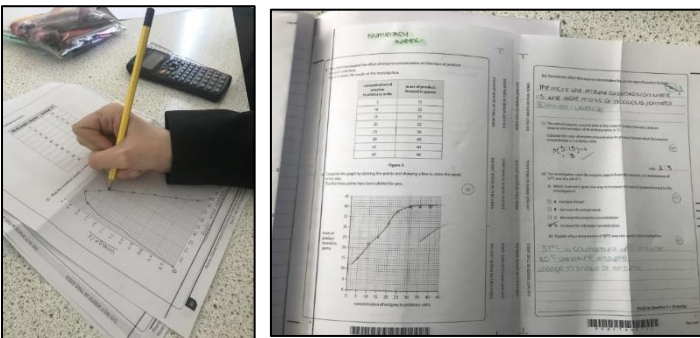
"In the future I will have to have two bank accounts one to keep my savings in one and one for everything else, for example, the first account is for paying my bills and for the second account is for holiday money and for all the other luxury things".

By Marlon Richards from 8ESM

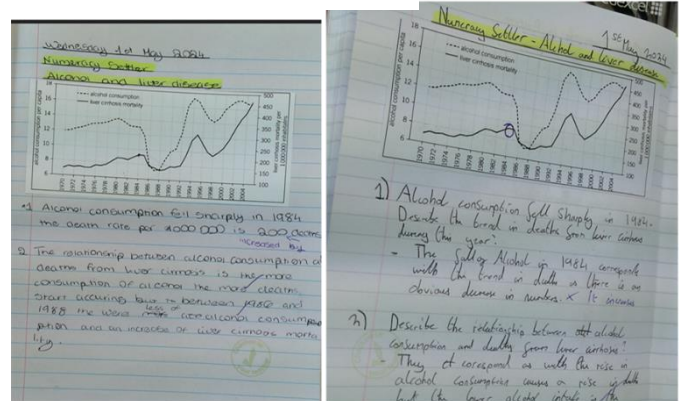
Numeracy Week in Science

Pupils analysing data from a graph and drawing conclusions.

By Mr Rahman



From Ms Forbes' class.



Pupils worked on science equations, including acceleration and wave speed. By Miss Kiyani

WAGOLL

An airliner's velocity changes from 0m/s to 60m/s in 20 seconds. What is its acceleration?

$$a = \frac{v-u}{t} = \frac{60\text{m/s} - 0\text{m/s}}{20\text{s}} = 3\text{m/s}^2$$

Acceleration doesn't always mean getting faster

WAGOLL

A car travelling at 15m/s accelerates at 1.5m/s^2 over a distance of 50m. Calculate its final velocity.

$$v^2 = (2 \times a \times x) + u^2$$

$$= (2 \times 1.5\text{m/s}^2 \times 50) + (15\text{m/s})^2$$

$$v^2 = 375 + 225$$

$$v = \sqrt{600} = 24.5\text{m/s}$$

HAVE SPEED!

A surfer travels 92m in the face of a wave in 8s. Calculate the wave speed.

$$\text{Wave speed} = 92 \div 8 = 11.5\text{m/s}$$

1) $900,000,000 \div 3 = 300,000,000$

2) $70\text{m/s} \times 10\text{s} = 700\text{m}$

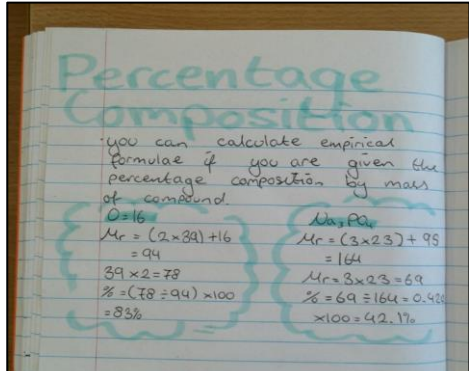
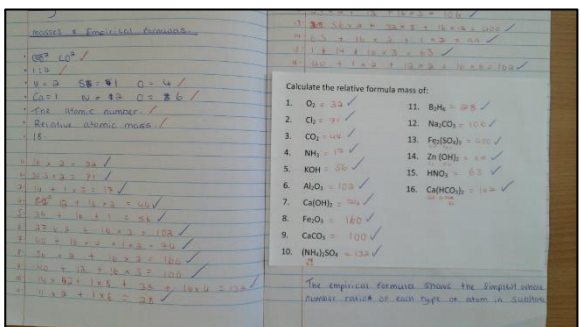
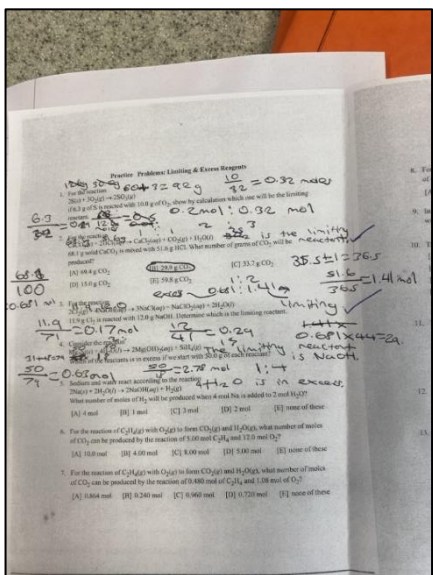
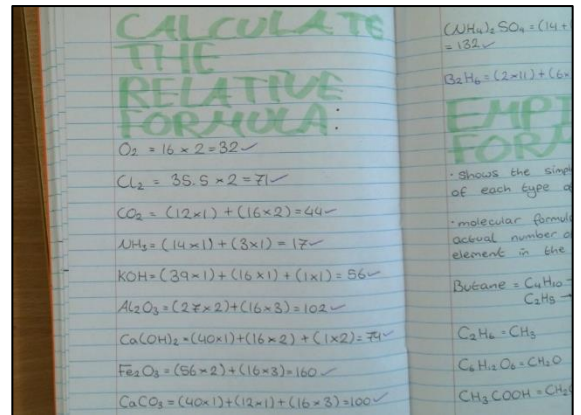
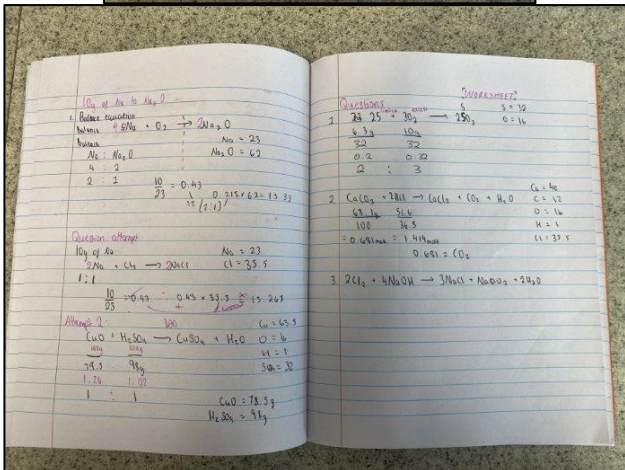
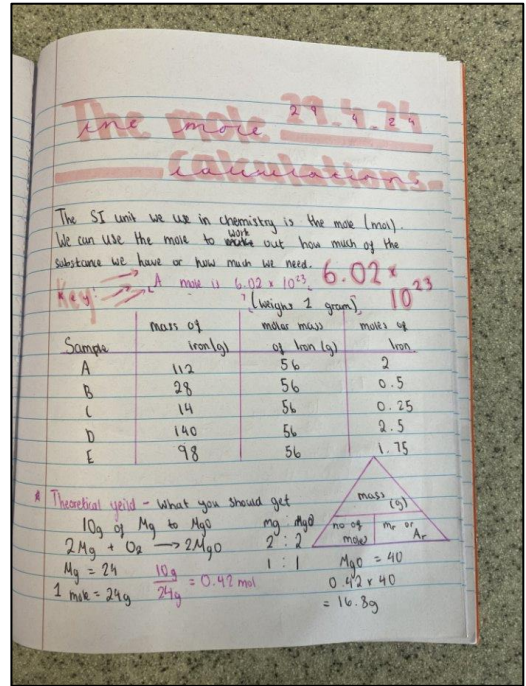
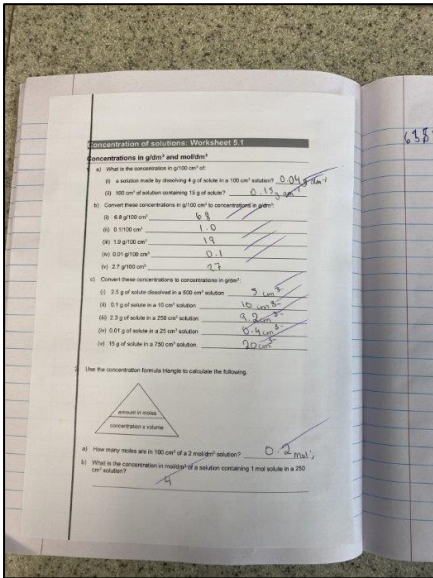
WAVE SPEED = FREQUENCY X WAVELENGTH

$$v = f \times \lambda$$

1) $10\text{m} \times 3\text{Hz} = 30\text{m/s}$

2) $0.5 \times 13 = 6.5\text{m/s}$

Pupils have been calculating masses in lesson. **By Ms Hewett**



Numeracy Week in Engineering

Maths in design

In Engineering Design, we used Maths to draw 3D shapes, like cylinders and cuboids. Year 9s followed step by step instructions to draw these shapes on squared paper first and then on plain paper. We talked about how being able to draw 3D shapes will help them to effectively sketch their design ideas.

Maths in Design *Curriculum activity* *Procedural knowledge*

In Maths and Design we need to be able to sketch 3D shapes freehand.

Task 1
How do we sketch a neat, accurate cylinder easily and quickly????

- (1) Draw 4 points in a cross shape
- (2) Draw an identical ellipse below it
- (3) Join the edges

Use pencil to draw some different cylinders in your book. Rub out the hidden lines on one. Can you draw a cylinder on plain paper?

You can rub out the hidden line

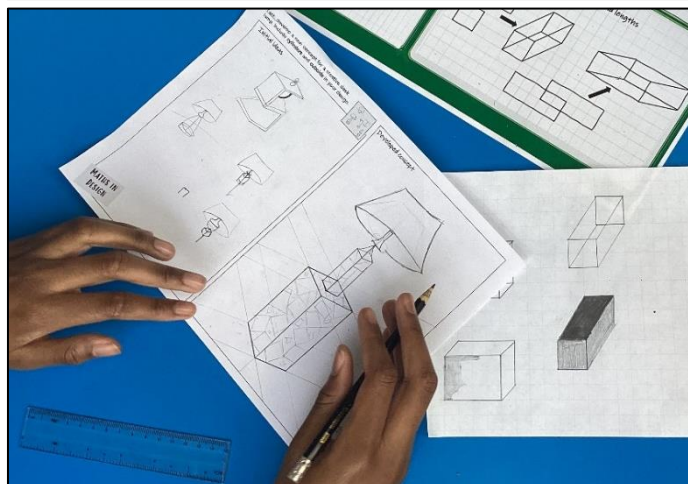
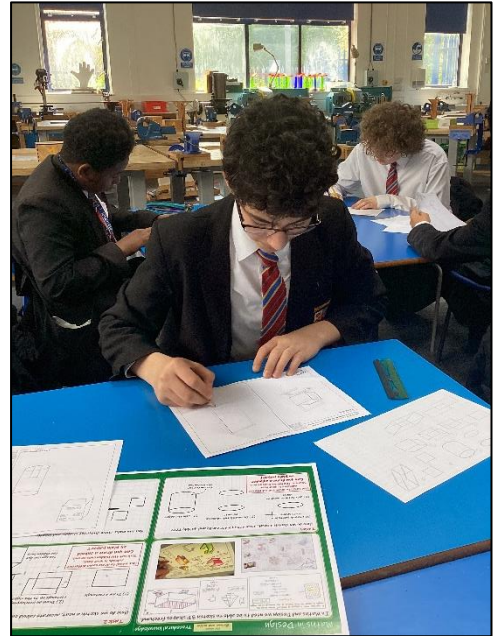
Task 2
How do we sketch a neat, accurate cuboid easily and quickly????

- (1) Draw a rectangle
- (2) Draw an overlapping rectangle up to the right
- (3) Join the corners

Use pencil to draw some different cuboids in your book. Rub out the hidden lines on one. Can you draw a cuboid on plain paper?

You can rub out the hidden lines

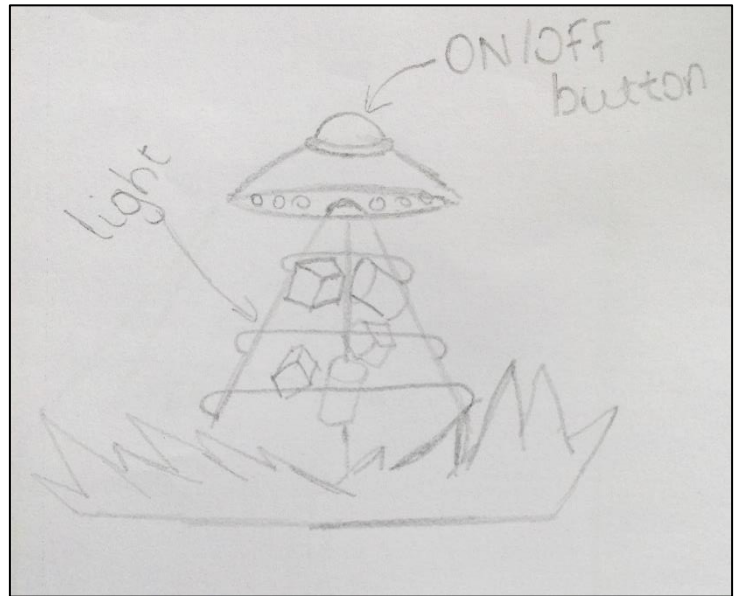
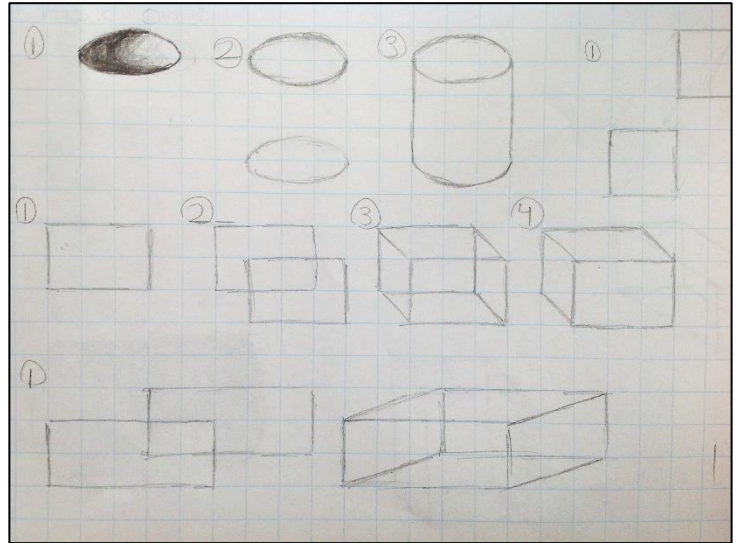
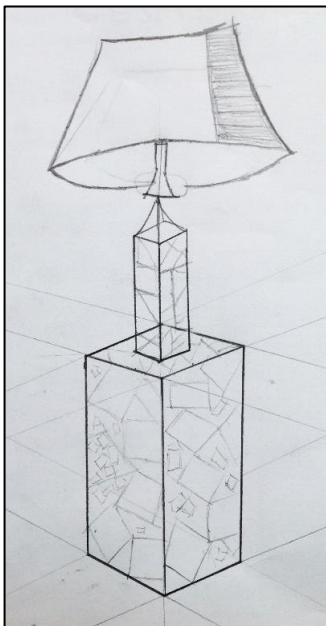
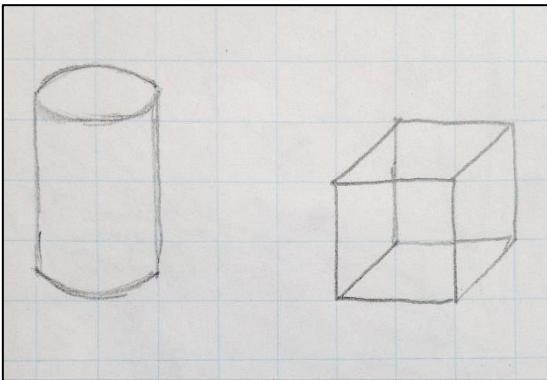
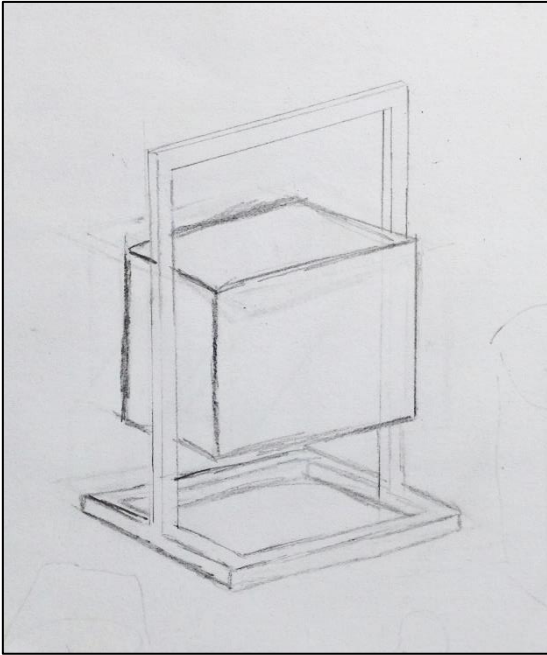
You can make them different shapes and lengths



To link this skill with our current project, pupils were asked to draw a creative design for a desk lamp that included cylinders and cuboids. **By Mrs Breslin**



Some examples of Year 9 pupils' work:



Task: develop a new concept for a creative desk lamp. Include cylinders and cuboids in your design.

Initial ideas	Developed concept

MATHS IN DESIGN



Numeracy Week in Maths

$M = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$

SPARX Maths

Sparx Homework is set and due in every Wednesday at **5.00pm**:

- Pupils are expected to complete 1 hour of compulsory homework every week.
- Pupils are also set Target and Xp Boost questions as extension work every week.
- Sparx is a personalised piece of homework that automatically adjusts to your child's ability setting work of appropriate difficulty.
- Sparx has been shown to offer 83% more progress for pupils with just 15 minutes of homework each week when compared with students who complete no homework.
- If your child gets a purple flag on one of their homework questions they are expected to speak to or contact their maths teacher to seek help with that question.

You as a parent/guardian should receive 2 emails each week with your pupils Sparx progress, one on a Monday before the homework is due with their current completion percentage and one on a Wednesday with their final completion percentage.

$V = \pi r^2 h$

$V = Lwh$

$V = \frac{4}{3}\pi r^3$

$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$





Numeracy Week in Maths

Sparx Maths

$a = \sqrt{(x_2 - x_1)^2}$ $y - y_1 = m(x - x_1)$ $C = 2\pi r$ $S = \frac{1}{2} \pi r^2$

Reg. Group	Compulsory % (on-time)	Compulsory % (all-time)	XP
7PAL	78%	93%	18458
7HAB	84%	93%	16017
7HEA	73%	90%	14878
7BRS	79%	89%	15897
7HAL	69%	82%	14181

$\frac{v_f - v_i}{x}$

Reg. Group	Compulsory % (on-time)	Compulsory % (all-time)	XP
8JAS	72%	87%	11161
8RAH	73%	83%	10269
8CAL	74%	82%	13271
8ESM	64%	79%	10985
8REG	62%	78%	11179

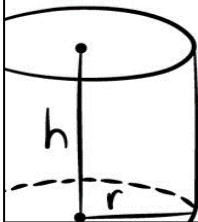
$\cos(\theta) = \frac{\text{adj}}{\text{hyp}}$

Reg. Group	Compulsory % (on-time)	Compulsory % (all-time)	XP
9ANT	68%	86%	13143
9TOW	66%	83%	12702
9MAN	62%	79%	11507
9GRE	64%	78%	10017
9BAK	59%	77%	11104

bhl

Reg. Group	Compulsory % (on-time)	Compulsory % (all-time)	XP
10BRK	77%	90%	12131
10RES	67%	83%	10919
10WIO	63%	82%	12162
10HAS	60%	77%	12942
10MCI	58%	74%	10346

$(x_1 + x_2)$





Numeracy Week in Maths

Sparx Maths

Name	Maths class	Form	Total XP
Sachin Kumar	7Y2/Ma	7BRS	55,262
Seth Holder	7X1/Ma	7PAL	51,861
Raydon Nguyen	7X1/Ma	7HAB	41,671
Aaiza Mukhtar	7Y1/Ma	7PAL	38,728
Nadia Adams	7Y1/Ma	7HEA	38,525

Name	Maths class	Form	Total XP
Kamalpreet Kaur	8Y3/Ma	8CAL	46,319
Akhil Ram	8Y1/Ma	8JAS	34,511
Makda Abraha	8Y1/Ma	8CAL	33,591
Harjot Singh	8X3/Ma	EAL	26,207
Kosisochukwu Chinedu	8X1/Ma	8REG	22,444

Name	Maths class	Form	Total XP
Yakob Binyam	9F1/Ma	9MAN	35,369
Priya Chem	9H1/Ma	9TOW	32,758
Ishmael Clarke	9H1/Ma	9ANT	31,427
Muhammad-Sahil Adam	9H2/Ma	9BAK	30,796
Justin Holodeair	9H2/Ma	9ANT	20,145

Name	Maths class	Form	Total XP
Mercedes Johnson	10F2/Ma	10HAS	35,369
Zakarya Abdalla	10F2/Ma	10WIO	32,758
Shriya Nandy	10F1/Ma	10HAS	31,427
Ruth Kidane	10H2/Ma	10HAS	30,796
Navroop Daulke	10F3/Ma	10MCI	20,145

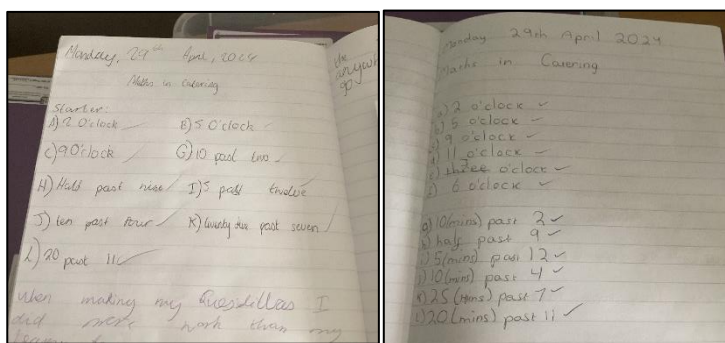




Numeracy Week in Catering







In food technology lessons, pupils often use the time to check when items will come out of the oven, how long items have been cooling down and even for nutritional calculations. Time is an essential part of ensuring a successful recipe has been followed alongside calculations of weighing ingredients and so for numeracy week, we reminded pupils of the importance of telling the time on an analogue clock. Many pupils are now used to using digital clocks which cannot always be easily accessed in a kitchen, so this activity was a refresher for pupils to master this skill.

By Miss Antonucci



Maths in Catering Our values: Curious and active Procedural knowledge 2-May-24

What time is shown on each of these clocks?

 G ten past two	 H half past nine	 I five past twelve
 J ten past four	 K twenty-five past seven	 L twenty past eleven

Numeracy Week in Health & Social Care

In health and social care Year 9's have been working on how maths is used for things such as working out the amounts of medication to give a person. We have also been looking at the importance of knowing time and how this will impact the running of a day for someone. Knowing the difference between P.M and A.M as well as being able to read different types of clocks. Pupils responded really well to this and started to see how maths is going to be a life long skill for them if they are to work in a health or social care setting.

By Miss Reynolds

Step 1 Determine the dosage of the drug. This is usually written on the drug's packaging.

Step 2 Weigh the patient in kg.

Step 3 Multiply the dosage by the patient's weight.

Step 4 Divide the dosage by the number of times the patient will take the drug in the day.

Step 5 If the drug is in liquid form, it will have a concentration. In order to calculate the volume to be administered, divide the single dose by the concentration.

A patient is prescribed a drug. The dosage of the drug is 3mg/kg of body weight/day, and the patient weighs 40kg. The drug comes in liquid form with a concentration of 2mg/ml. What volume of the drug should the patient be given in a single dose if they must take the drug 2 times per day?

$$40 \times 3 = 120$$

$$120 \div 2 = 60$$

$$60 \div 2 = 30 \text{ mg/ml}$$

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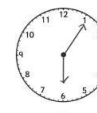




$$40 \times 3 = 120$$

$$120 \div 2 = 60$$

$$60 \div 2 = 30 \text{ mg/ml}$$

Tell the Time: Drawing the Time

Draw the time on each clock.

 2 o'clock	 half past 11	 quarter to 3	 quarter past 8
 10:20	 3:40	 1:55	 6:05
 4:12	 7:41	 8:27	 9:11

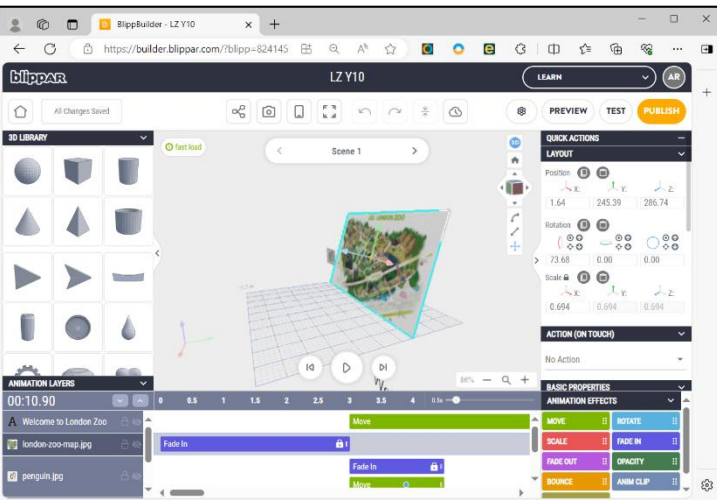
twinkl Page 3 of 4 visit twinkl.com



Numeracy Week in IT

Year 10 & Year 11 Information Technology pupils have been using an array of numeracy skills as part of their GCSE assignment. They have been using the website BlippAR to create augmented reality apps. Some of the numeracy skills they had to utilise included setting times for animations, working in 3D space and with 3D objects, setting the scale and x and y axis values of assets used.

By Mr Rathbone



Numeracy Week in Core PE

In Core PE pupils have been looking at how the angle of their arm effects the distance of their throw in Javelin. The girls measured the length of their arm to see if it effected the distance their javelin travelled or whether the technique is what made their javelin travel furthest. This was a sports experiment which demonstrated using the correct technique is what matters in scoring a high distance in javelin.

They also used their numeracy skills when measuring the distance thrown. To achieve a bronze pupils needed to throw 9m, for silver 12m and for gold 15m. After each throw pupils could subtract their distance thrown from the bronze silver gold values to figure out how much further they needed to throw.

By Miss Young

“On my first throw, I threw only 7.6m, so to achieve my bronze certificate I subtracted 7.6 from 9 which meant I needed to throw an additional 1.4m to achieve the bronze award”.

By Dilliane Levande 8REG



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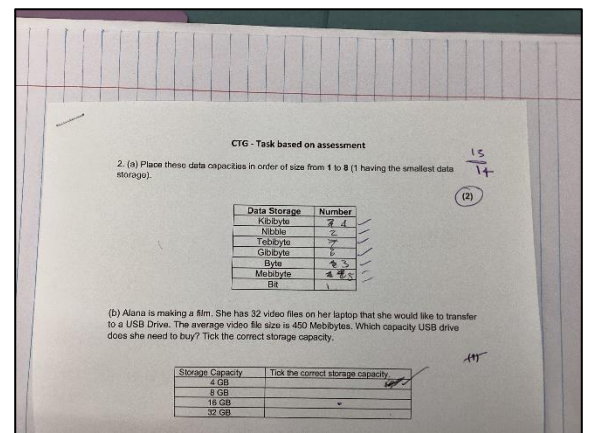
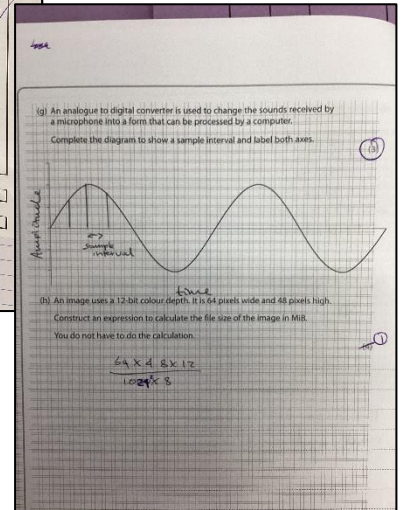
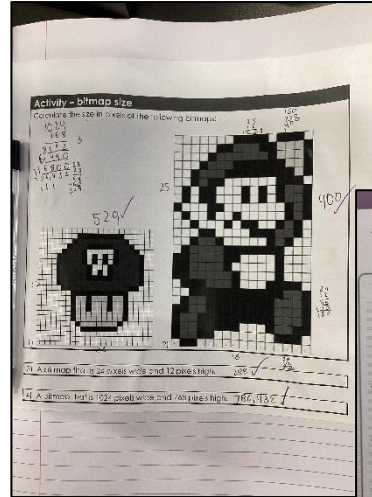


Numeracy Week in Computer Science/Business

Numeracy is vital in computer science. Computing fundamentally deals with binary data - 0s and 1s. Understanding binary arithmetic and Boolean algebra allows one to grasp how data is encoded and processed. Numeracy also underpins network speeds and data transfer rates. High-speed internet connections rapidly modulate signals between binary states to transmit large data volumes, with throughput limited by the line rate - the number of binary digits transmitted per second. Whether algorithms, data structures, or architectures, numerical literacy is foundational for effective computer science.

Sound numeracy skills are absolutely essential for effective business operations and decision-making. Understanding costs is paramount - fixed costs like rents and leases must be carefully budgeted for, whilst variable costs like raw materials and labour require precise tracking for cost control. Robust numerical abilities allow for modelling various scenarios, forecasting revenues and expenditures.

By Mr Esmail



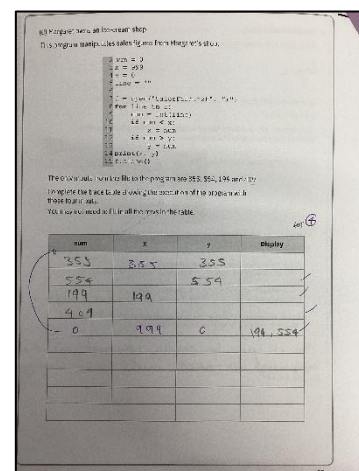
Calculating physical size of an image

Image size (pixel dimensions) = 19 x 21 pixels

width = $\frac{\text{pixels wide}}{\text{resolution}} = \frac{19 \text{ pixels}}{10 \text{ ppi}} = 1.9'' \text{ wide}$

height = $\frac{\text{pixels high}}{\text{resolution}} = \frac{21 \text{ pixels}}{10 \text{ ppi}} = 2.1'' \text{ high}$

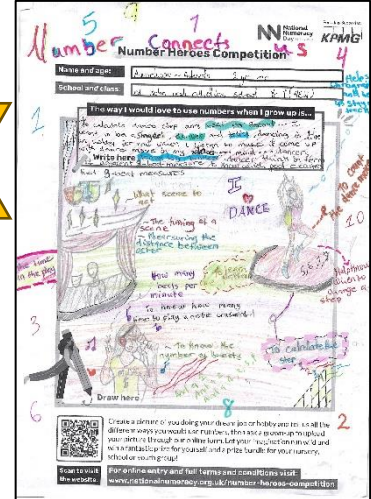
* Physical size of image = 1.9" x 2.1"



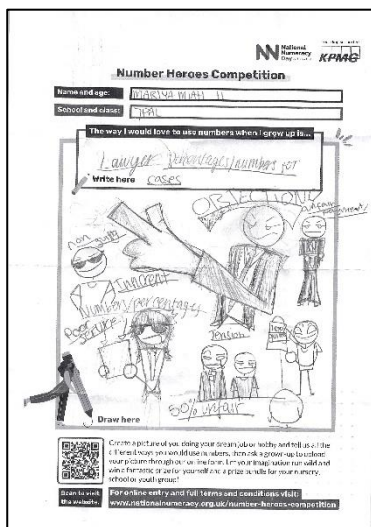
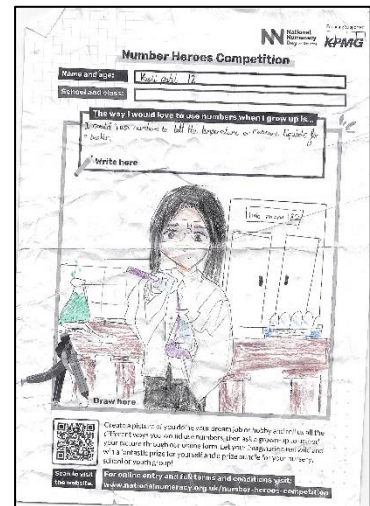
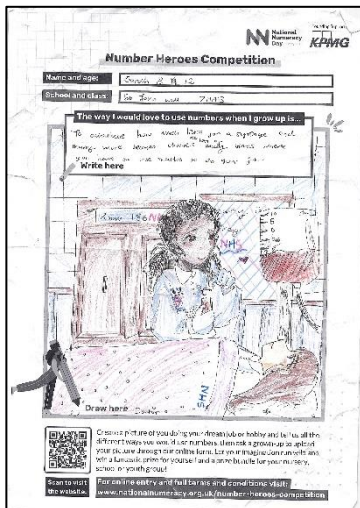


Numeracy Week House Competition

For this half terms house competition, pupils were asked to think about their future careers and how they would use numeracy in their dream job role. After reviewing the entries submitted, it was fantastic to see the aspirations our pupils have. From NHS workers measuring out medication to architects using figures to determine building designs - the entries across Years 7-10 were inspiring to all. This competition allowed our pupils to apply their numeracy skills and think about how establishing a strong understanding of numeracy will aid their careers in life after post 16 education. Thank you to the maths department for helping judge the winners. Please see our 1st, 2nd and 3rd place from each year group, including our special mentions to some fantastic entries. Winning pupils will receive their certificate in weekly worship next week, as well as the winning form groups receiving one to display on their form boards. A fantastic achievement!



By Miss Young



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Numeracy Week House Competition

Year 8



**Zenab Imran
8JAS**

Number Heroes Competition

Name and age: Zenab 13
School and class: St. John's Catholic School, 8JAS

The way I would love to use numbers when I grow up is...

Through owning my own theme park I would love to design roller coasters using different angles and numbers using physics equations. I think it would be exciting to give visitors of this park a thrilling experience. It would need to figure out how to pay people's wages and maintenance on my theme park. It would be called ThrillTapet with the number 4 instead of A because there would be 4 main thrilling rides!

NAME: DEWIS DINE **COST TO BUILD: = 2 Million.**

Draw here

Create a picture of you doing your dream job or hobby and tell us all the different ways you would use numbers, then ask a grown-up to upload your picture through our online form. Let your imagination run wild and win a fantastic prize for yourself and a prize bundle for your nursery, school or youth group!

Scan to visit the website: www.nationalnumeracy.org.uk/number-heroes-competition



**Kavishnan Sanker
8ESM**

Number Heroes Competition

Name and age: Kavishnan Sanker 13
School and class: St. John's West, NESA

The way I would love to use numbers when I grow up is...

To increase the accuracy of each design part I will need to construct a part/function.

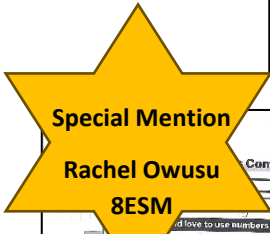
Switching or adding parts needs careful accuracy for the parts to fit as intended is.

This accuracy comes from the correct use of measurements of length, angles and fitting area. The equipment needed for this is what will support and construct a working part. Problem solving.

Draw here

Create a picture of you doing your dream job or hobby and tell us all the different ways you would use numbers, then ask a grown-up to upload your picture through our online form. Let your imagination run wild and win a fantastic prize for yourself and a prize bundle for your nursery, school or youth group!

Scan to visit the website: www.nationalnumeracy.org.uk/number-heroes-competition



**Special Mention
Rachel Owusu
8ESM**

Number Heroes Competition

Name and age: Rachel Owusu 13
School and class: St. John's West, NESA

The way I would love to use numbers when I grow up is...

to design a car that can be on both land and sea.

Draw here

Create a picture of you doing your dream job or hobby and tell us all the different ways you would use numbers, then ask a grown-up to upload your picture through our online form. Let your imagination run wild and win a fantastic prize for yourself and a prize bundle for your nursery, school or youth group!

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**Julia Kaza
8REG**

Number Heroes Competition

Name and age: Julia Kaza 11 years and 1/3
School and class: St. John's West, NESA

The way I would love to use numbers when I grow up is...

when I grow up I would like to be a cabin crew. I would use numbers to recognise my gauge, flight number etc.

Draw here

Create a picture of you doing your dream job or hobby and tell us all the different ways you would use numbers, then ask a grown-up to upload your picture through our online form. Let your imagination run wild and win a fantastic prize for yourself and a prize bundle for your nursery, school or youth group!

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Number Heroes Competition

Name and age: James Doyle (13 years)
School and class: St. John's West, NESA

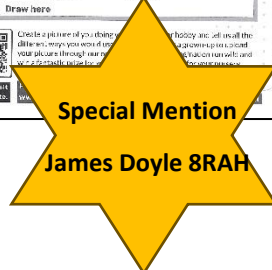
The way I would love to use numbers when I grow up is...

for polygons to know about angles.

Draw here

Create a picture of you doing your dream job or hobby and tell us all the different ways you would use numbers, then ask a grown-up to upload your picture through our online form. Let your imagination run wild and win a fantastic prize for yourself and a prize bundle for your nursery, school or youth group!

Scan to visit the website: www.nationalnumeracy.org.uk/number-heroes-competition



**Special Mention
James Doyle 8RAH**

Number Heroes Competition

Name and age: Kayaan Miah 13
School and class: St. John's West, NESA

The way I would love to use numbers when I grow up is...

to work for NASA.

Draw here

Create a picture of you doing your dream job or hobby and tell us all the different ways you would use numbers, then ask a grown-up to upload your picture through our online form. Let your imagination run wild and win a fantastic prize for yourself and a prize bundle for your nursery, school or youth group!

Scan to visit the website: www.nationalnumeracy.org.uk/number-heroes-competition



**Special Mention
Kayaan Miah 8RAH**



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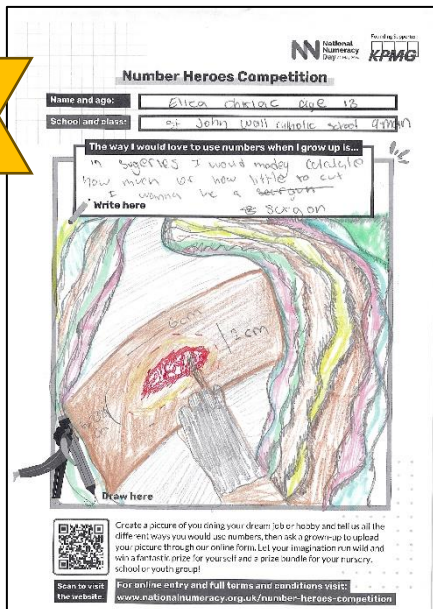


Numeracy Week House Competition

Year 9

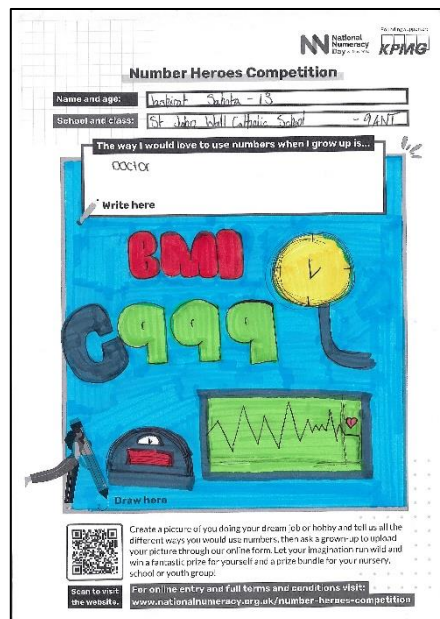
1st

Eliza Chiriac
9MAN



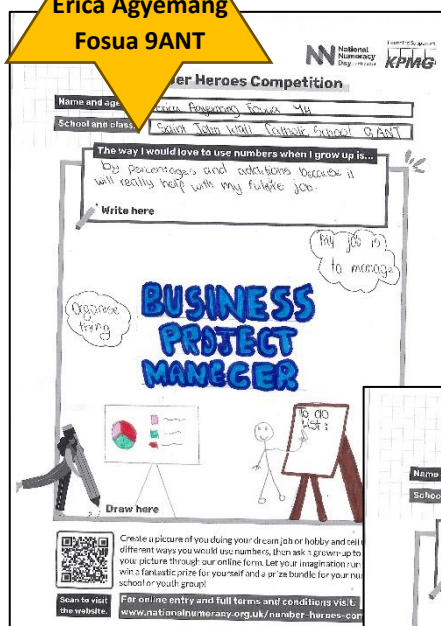
3rd

Jaskirat
Sahota
9ANT



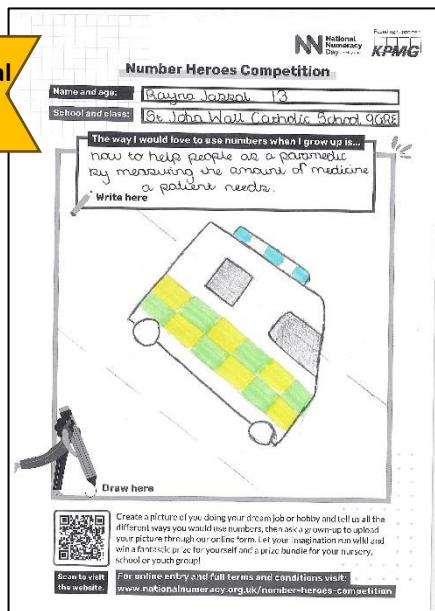
Special Mention

Erica Agyemang
Fosua 9ANT

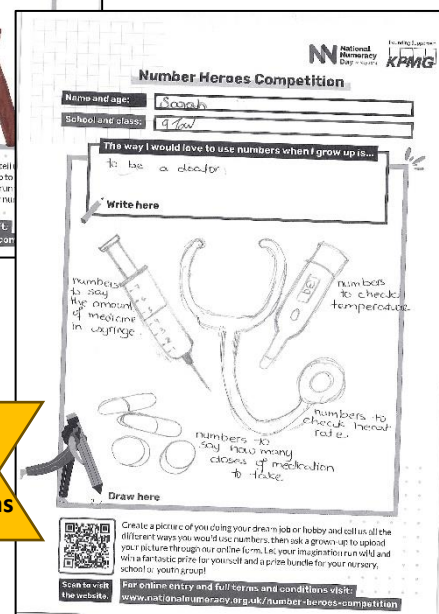


2nd

Rayna Jassal
9GRE



Special Mention
Sarah Monthomas
9TOW



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WEDNESDAY 15TH MAY 2024 10AM – 2PM (9:30AM ARRIVAL) **AUTISM & ADHD SUMMIT 2024**

Celebrating success & service improvement

- An opportunity for all stakeholders to come together, to listen, learn, discuss, and commit to transforming practices and services for Autistic people and/or ADHD.
- The event will have a variety of speakers ranging from people with lived experience to professionals.
- There will also be an opportunity to visit stalls which will include information on training and employment, education, and person-centered planning.



**Organised by the
Birmingham
Autism & ADHD
Partnership Board**

Confirmed speakers:

Chris Barber BAABP
Vice Chair

Cllr Kath Scott

Annette Roebuck
Coventry University:
Lived Experience
Awareness

Lived Experience:
Harris Ghani
Nick Horton
Simon Colbourne
Ben Ainsworth
Nimo Hirsi
Special Me: Mehfil E
Abbas Mosque

Lakhvir Sahota
Collaboration &
Co-production

Jon Harris
SEND provision & support

Venue detail:

Mehfil E Abbas Mosque
17 Clifton Road,
Balsall Heath, B12 8SX

To book your space please email
steven.nash@birmingham.gov.uk



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