

**SHUTTLEWORTH**

COLLEGE

NEWSLETTER

HEADTEACHER MESSAGE

Dear Families,

It has been a whirlwind of a start to the year in school. As you can see from the newsletter, there has been so much going on involving all students. One consistent theme from all our visitors is how friendly, attentive and polite our young people are. This always makes us proud, as I am sure it does you at home.



The year 11 students were particularly impressive at the Careers Fair last week, with visitors from colleges and sixth forms saying they were the most polite and engaged young people they had come across on their circuits of schools.

We also had our visit from Ofsted last week, who again could not speak highly enough about our young people. They loved their interactions and chats with many of the students. More information to follow on this in due course.

Our enrichment timetable is now in full swing; please do encourage your child to take advantage of the clubs and activities after school. It is a great way to learn new things and socialise at the same time.

Enjoy the newsletter and I look forward to seeing year 7 parents in school on Thursday for our settling in evening.

R. England

SUCCEED
TOGETHER

NEWS & EVENTS



ROAD SAFETY - YEAR 7

Lancashire County Council came into school to talk to our year 7 students about the importance of road safety. They acted out sketches and interacted with our students to relay the important messages.

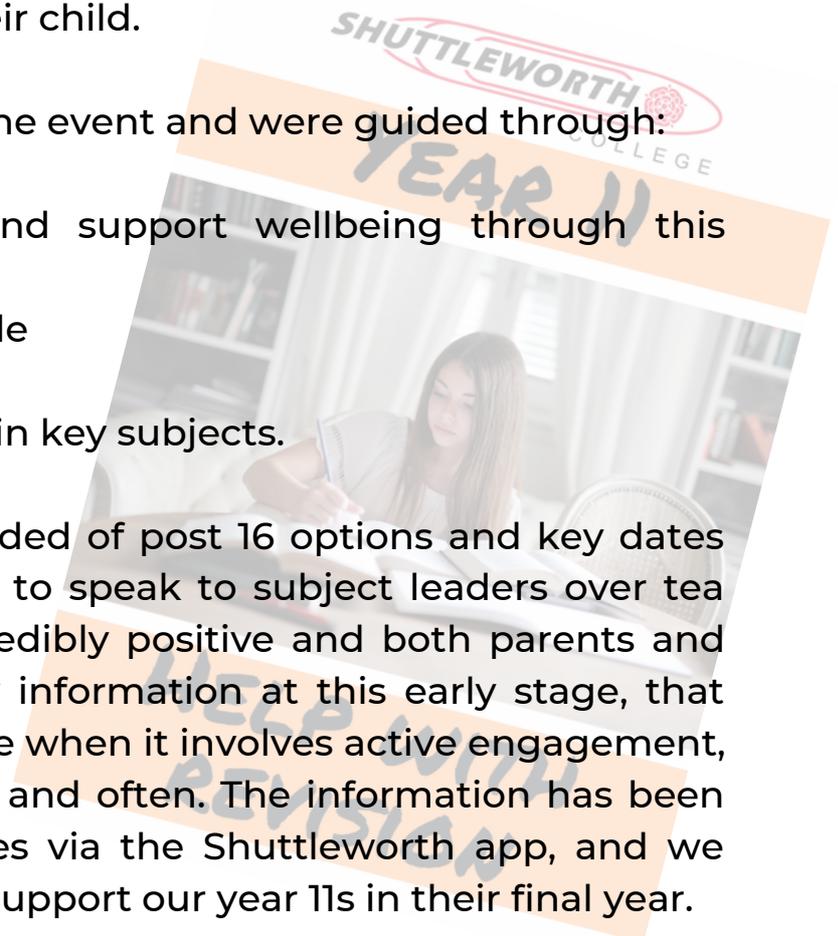
HOW TO REVISE EVENING - YEAR 11

On Wednesday evening we held our first 'how to revise' evening for year 11. This was in response to both student feedback that they didn't know how best to revise, and questions from parents/carers about how to help support their child.

Around 50 families attended the event and were guided through:

- steps to reduce stress and support wellbeing through this notoriously difficult year
- creating a revision timetable
- how students learn
- specific revision strategies in key subjects.

Our families were then reminded of post 16 options and key dates before having an opportunity to speak to subject leaders over tea and cake. Feedback was incredibly positive and both parents and students appreciated the key information at this early stage, that revision is much more effective when it involves active engagement, and is consistently done little and often. The information has been shared with all year 11 families via the Shuttleworth app, and we continue to work together to support our year 11s in their final year.



YEAR 11 CAREERS FAIR

Our Year 11 students recently had the chance to speak to a number of post-16 providers to help them to start to think about their lives after Year 11. We welcomed visitors from a range of sixth forms, colleges and independent training providers, who spoke to the year group first to introduce themselves and explain their offer and then students had the chance to walk around the stalls and find information to help them.



Our students really took advantage of the opportunity to speak to different providers about the courses and facilities they have and the opportunities on offer to them. They will continue to think about their post-16 options through this year and will be supported by the Careers Leader in school, Mrs Ackroyd.

Thanks go to:

Accrington & Rossendale College, Blackburn College, Burnley College, Nelson & Colne College, North Lancs Training Group, ASK Apprenticeships (Lancs WBL Forum), CRGS Sixth Form, St Christopher's Sixth Form and the National Citizenship Service.





EUROPEAN DAY OF LANGUAGES 2022

To celebrate European Day of Languages (26th September 2022), this week pupils are participating in a variety of activities in MFL lessons and form time, such as tongue twisters in foreign languages, multiple language challenges, reading and learning jokes in foreign languages and much more! There are wrist bands, stickers, and other prizes up for grabs all week.



Tongue twisters



- Si Pancha plancha con cuatro planchas, ¿Con cuántas planchas plancha Pancha?
- A Cuesta le cuesta subir la cuesta y en medio de la cuesta va y se acuesta.

- If Pancha irons with four irons, how many does Pancha iron with?

- It's hard for Cuesta to go up the and in the middle of the hill she goes and lies down.

Additional ones found here:



Tongue Twisters



- Cinq chiens chassent six chats
- Je suis ce que je suis, et si je suis ce que je suis, qu'est-ce que je suis?

- Five dogs chase six cats.

- I am what I am, and if I am what I am, what am I?

Additional ones found here:
<https://ed.ecml.at/Fun/Tonguetwisters/tabid/3116/language/Default.aspx>



COMMUNITY VALUES

Congratulations to Nikola & Isaac. Nikola has been volunteering at Royal Blackburn Hospital, serving food, assisting with medication for patients and cheering them up. Isaac climbed Mount Snowdon on Saturday and raised £240 for the JDRF charity. We are very proud of you both.

Congratulations to Elsie in year 7 who has raised £400 for Pendleside Hospice by making wristbands and selling them on Instagram and Facebook. A show of entrepreneurialism and community spirit, kindness, initiative and generosity.



ATTENDANCE MEANS PRIZES



Attendance in school is so important! Last year we announced that we would have attendance prize draws. Everyone who attended school on the first Thursday & Friday of this half-term were entered into the draw. Ruadhan in year 7 won an iPad & Elisha in year 10 won an Xbox. Congratulations!

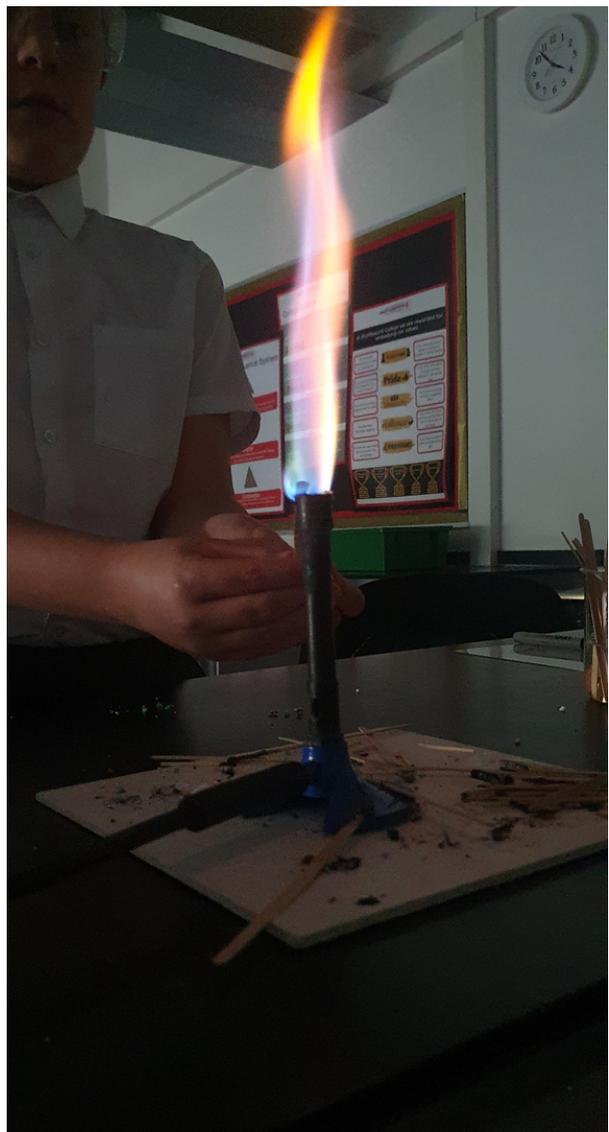
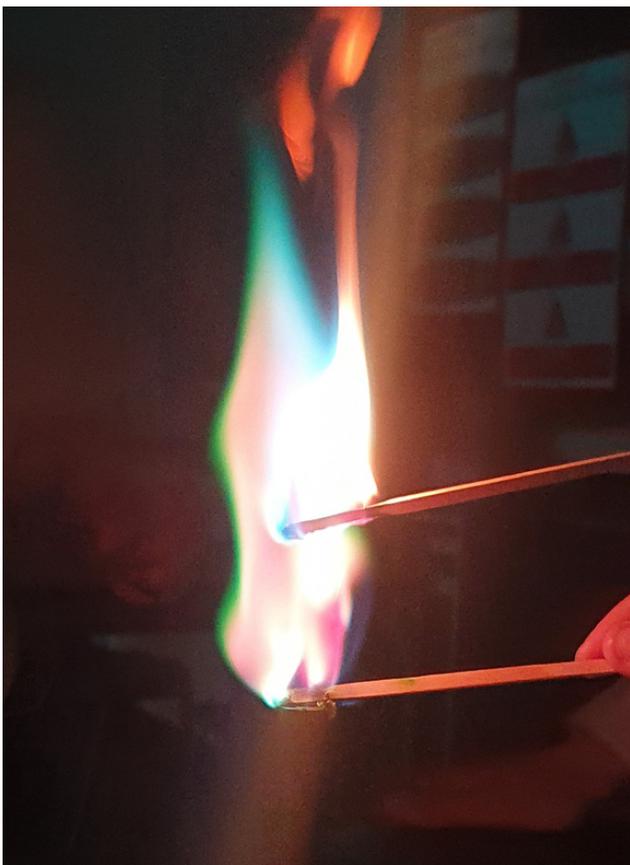
ENRICHMENT NEWS - YEAR 11 PIZZA CLUB

Year 11 pizza club was a huge success: revision techniques and pizza! Hope to see you all soon.



SCIENCE CLUB

Students were learning about how fireworks work by burning the chemicals that make those colours over Bunsen burners.



THE SHUTTLEWORTH APP

Our main method of communication is the Shuttleworth College App. All general correspondence regarding your child's school life will be communicated through the App. It's also the easiest way to report your child's absence from school. Please email admin@shuttleworth.lancs.sch.uk if you require an enrolment code or any further information.



Available to
Download Now

ANDROID APP ON
Google play

Download on the
App Store

The new
SHUTTLEWORTH COLLEGE
App

OPEN EVENING 2022

Come and visit our fantastic school on Thursday 13th October 2022. We are delighted to show you our facilities. During the evening you can meet our staff and talk to our wonderful students.



SHUTTLEWORTH COLLEGE

Open Evening
2022

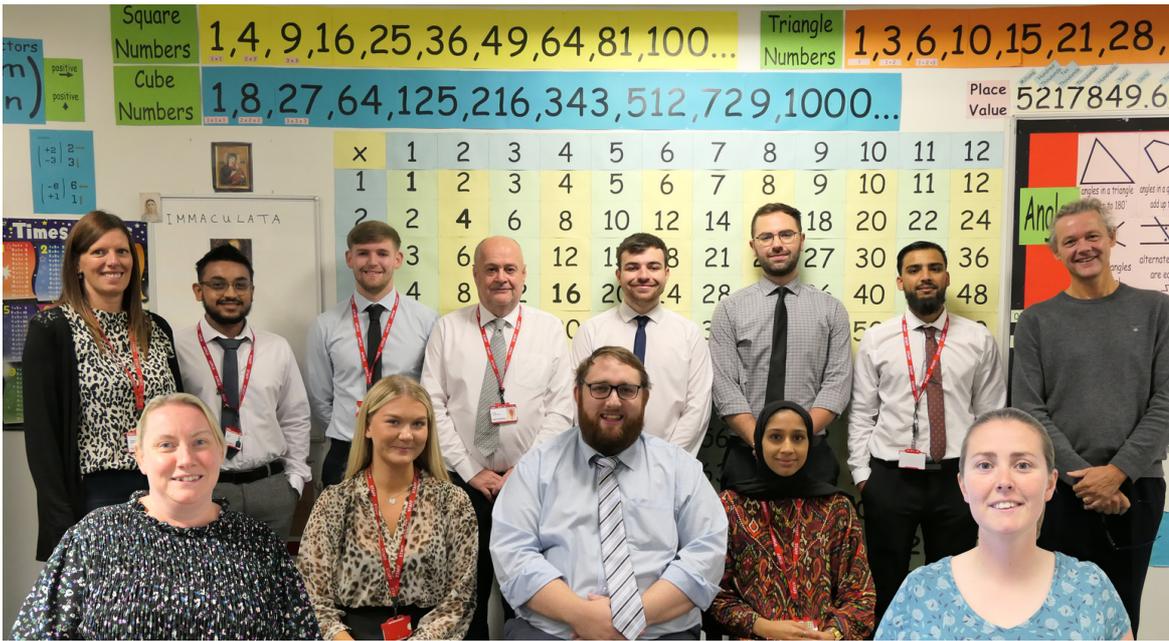
Thursday 13th October
5:30pm - 8.30pm

Think Big *CHASE Dreams* **SUCCEED TOGETHER**

www.shuttleworthcollege.org

FACULTY FOCUS

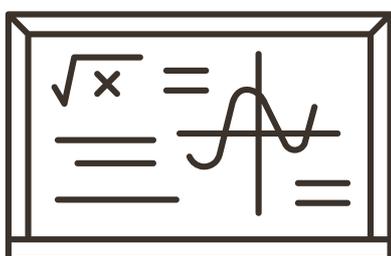
M & C MATHS MATHEMATICS COMPUTING



There are few certainties in life. Unfortunately for some, that includes having to study mathematics until they left secondary school. Fortunately for all, that is where our amazing maths and computing team come in. Here is what they offer to students at Shuttleworth:

KS3 MATHS

Mathematics in KS3 looks at the key strands of maths, number, algebra, geometry, proportion, data and probability and works on developing these skills, linking them with each other and applying these skills to solving real life problems. In the few weeks that we have been back, year 7 have been looking at sequences which will lead into their first real taste of algebra, looking at algebraic notation and manipulation. Year 8 have been applying the rules of angles to help them solve complex angle problems whilst Year 9 have been studying the properties of straight-line graphs and the relationships between gradients, intercepts and equations.



KS4 MATHS

In KS4, year 10 have been exploring the effects of the various transformations that can be applied to shapes whilst year 11 have got their teeth stuck into their first Walking Talking Mock. These have been a great means of revision in previous years and this year is no exception. The WTMs (as they are known in the department) help pupils get into the revision mindset, allow them to practice exam techniques and fluency, as well as build confidence and belief that if they put in effort and hard work they get the results they deserve.



STATISTICS

GCSE Statistics has been a course available to students for a few years now, with a small number of students studying for the qualification in after school sessions. However, in the past two years interest has been so high that we've been able to offer it as full option at GCSE. Miss Ragen and Mr Harrison are delivering the course to year 10 and 11 respectively and they will look at statistical skills ranging from "Peterson's Capture / Recapture Method" to "Spearman's Rank Correlation Coefficient".

IDEA

Students have started completing the IDEA (Inspiring Digital Enterprise Award) as part of their home learning. This is an amazing opportunity to gain the international award-winning programme that helps students develop digital, enterprise and employability skills for free. Through the series of online challenges, students can win career-enhancing badges, unlock new opportunities and, ultimately, gain industry-recognised Awards that help them stand out from the crowd.



CREATIVE iMEDIA

Students in Year 10 have made a fantastic start to their Creative iMedia course as they have started to produce high quality visual identities to represent the company 'Metamoda'. They have so far developed creativity skills in thinking about the graphics and typography that would be used to represent the company. We look forward to seeing these great ideas develop further.

CHALLENGE

Using the key provided, can you decode the following secret message? Correct answers to Mrs Boothman for a chance to win a prize!

A	B	C	J	K	L
D	E	F	M	N	O
G	H	I	P	Q	R

S
T U
V
W
X Y
Z

Cipher text:



UK MATHEMATICS CHALLENGE

Every year students at Shuttleworth compete in a national problem-solving challenge, run by the UKMT. The levels of maths and logic needed for this challenge are very high; your teachers often spend their break or dinner trying to calculate some of the most challenging answers together! Last year was no exception, with many students entering the competition. Across the school there were a total of 17 bronze, 8 silver and 2 gold awards. We were extremely proud of Harry Ingham and Isla Knowles who achieved the gold award. Well done both on your achievement. UKMT club will be running again this year during the spring term, so keep your eyes peeled.



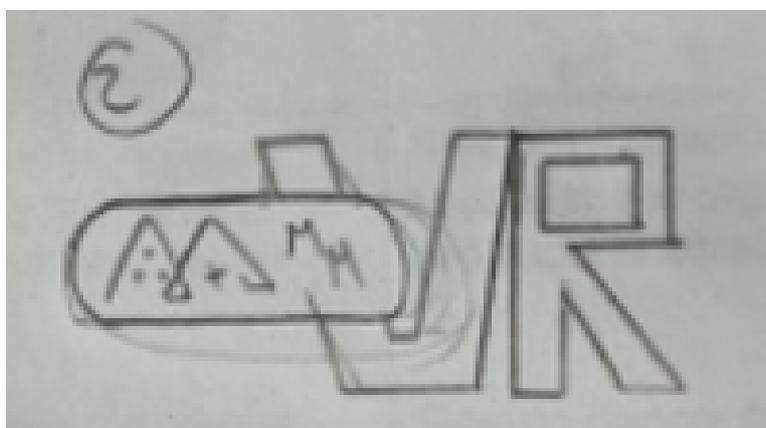
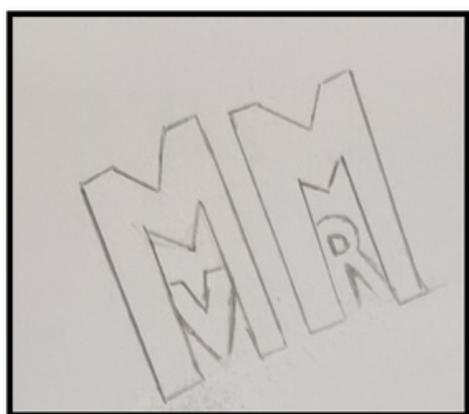
NEW STAFF

This year we say hello to three new members of staff in the Maths & Computing department: Mr Heavican, Mr Calderbank and Mr Holmes. Two of these staff members are completely new to Shuttleworth College, but one was an ex-pupil: he was even part of the senior prefect team in the role of Head Boy. Welcome back to Shuttleworth Mr Holmes.

METAMODA

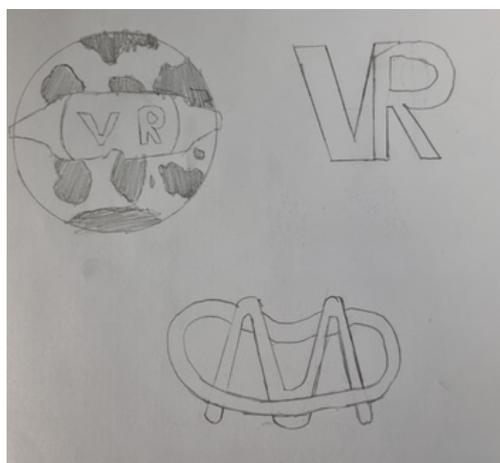
METAMODA

M|E|T|A|M|O|D|A



Wall Bomber
STYLE FOR A VIRTUAL WORLD

I have chosen this font because I think it gives off a cool kind of vibe, which I feel would appeal to the target audience.



I have created a happy man who is wearing VR goggles to show the viewer that this service is associated with VR and that you will have fun when using it. There is also a world to show that it is worldwide. This is a organic design as it has a character of irregular shape.



I have chosen this design because the 'M' stands for the company (Metamoda) and the arrow can represent my slogan which is 'go places'. The arrow will point to the slogan. I have used all organic shapes in my design – in the 'm' and the arrow. I feel that this design will reach my target audience because it is simplistic and modern. Although the design is very simplistic I feel that it will get my point across.

EXAMPLES OF OUR STUDENTS' WORK

Describe the transformation.

Tuesday 6th September 2022

Rotations

① 6 ✓
 ② $9n-6$ ✓
 ③ 3 ✓
 ④ 144 ✓
 ⑤ $1\frac{2}{3}$ ✓
 ⑥ 8.56 ✓
 ⑦ $15x-10$ ✓
 ⑧ $x=8$ ✓
 ⑨ $y=13$ ✓

Challenge - You do

ANSWER:

Rotation
 $(-1, -2) \rightarrow$ Down 6 \rightarrow left 6 \rightarrow (9, 9)
 left 2 up 2
 $(-1, -2) \rightarrow$ Down 6 \rightarrow left 6 \rightarrow (9, 2)
 Right 2 Down 2
 $(-3, -4) \rightarrow$ stays the same.

Wednesday 7th September 2022

Translations

A translation is another type of transformation. A translation moves a shape up, down or from side to side but it does not change its appearance in any other way. We do this using the column vector.

$\begin{pmatrix} x \\ y \end{pmatrix}$ ← The x direction. P=right, N=left
 $\begin{pmatrix} x \\ y \end{pmatrix}$ ← The y direction. P=up, N=down

Example: $\begin{pmatrix} 3 \\ -8 \end{pmatrix}$ = 3 right and 8 down.

① $\begin{pmatrix} 5 \\ 2 \end{pmatrix}$ 5 right and 2 up ✓
 ② $\begin{pmatrix} -1 \\ 3 \end{pmatrix}$ 1 left and 3 up ✓
 ③ $\begin{pmatrix} -3 \\ -7 \end{pmatrix}$ 3 left and 7 down ✓
 ④ $\begin{pmatrix} 0 \\ -6 \end{pmatrix}$ 6 down ✓
 ⑤ $\begin{pmatrix} 8 \\ -1 \end{pmatrix}$ 8 right and 1 down ✓
 ⑥ $\begin{pmatrix} -4 \\ 0 \end{pmatrix}$ 4 left ✓

1 Star

Find the missing angle x

(a) (b) (c)

2 Star

Find the missing angle x

(a) (b) (c) (d)

3 Star

Find the missing angle x

(a) (b) (c) (d)

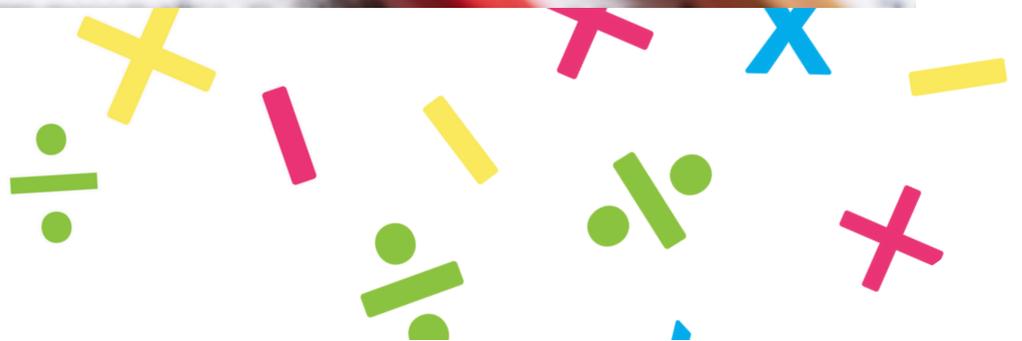
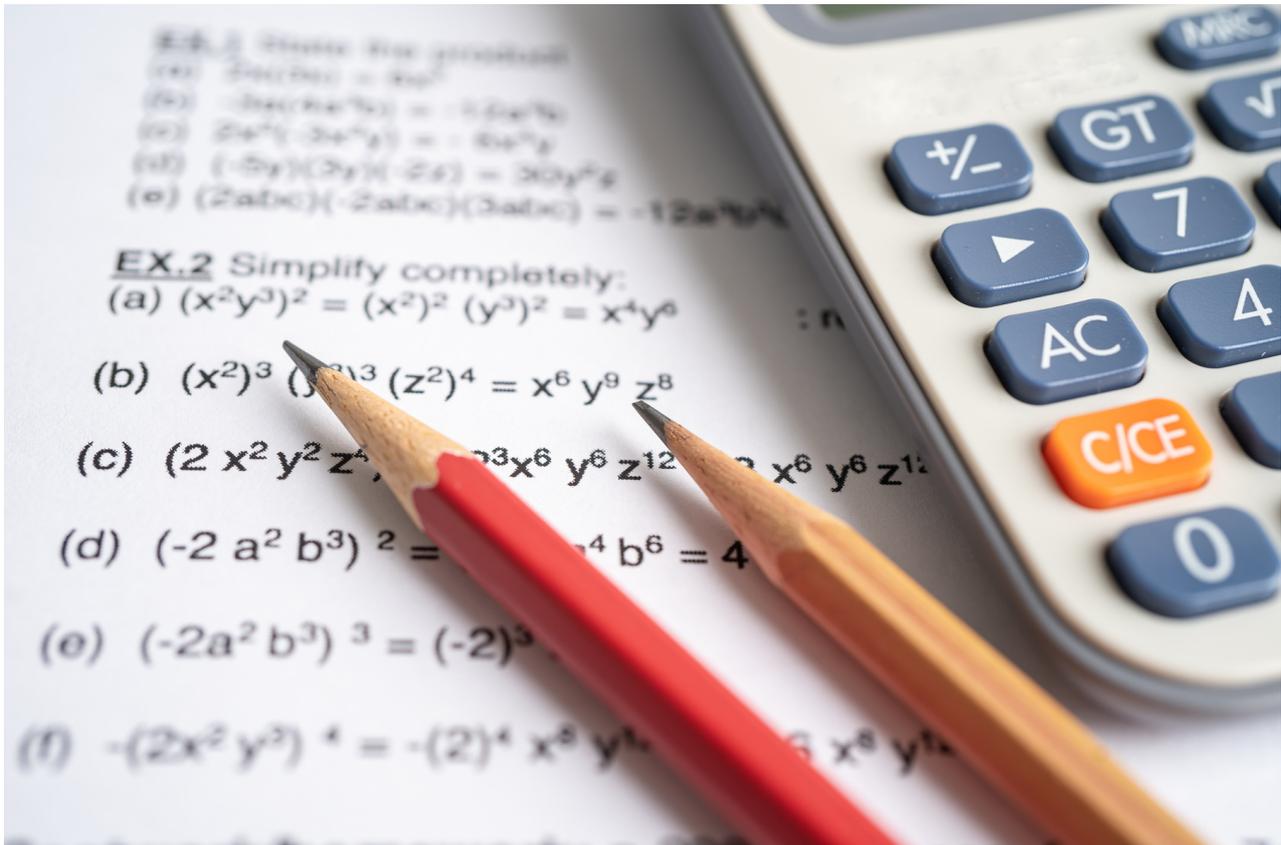
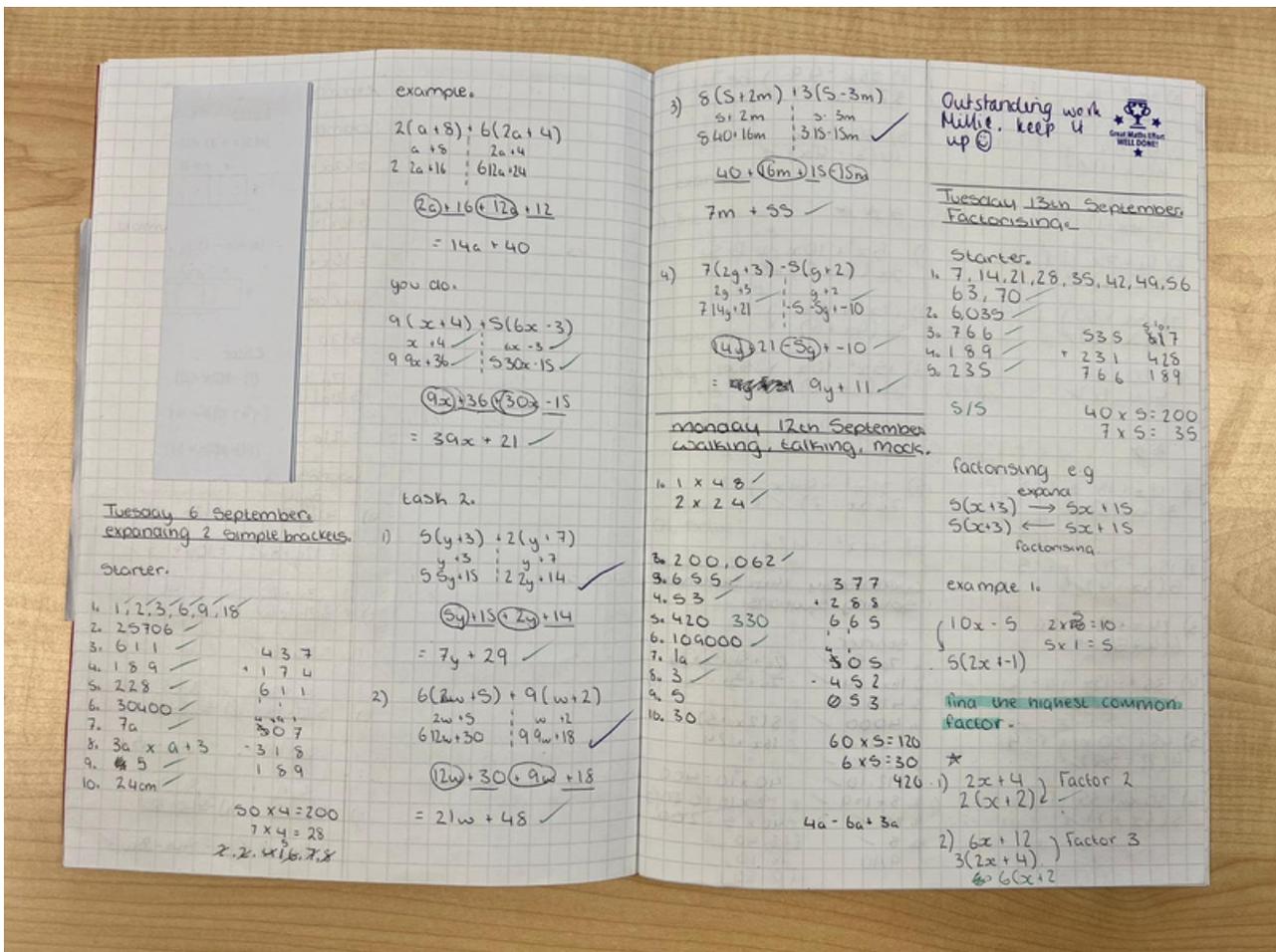
b. $52 + 40 + x = 180$
 $142 + x = 180$
 $-142 -142$
 $x = 38$ ✓

c. $28 + 23 + 90 + x = 180$
 $141 + x = 180$
 $-141 -141$
 $x = 39$ ✓

b. $40 + x + x = 180$
 $40 + 2x = 180$
 $-40 -40$
 $2x = 90$
 $\div 2 \div 2$
 $x = 45$ ✓

c. $78 + 1 + 1 + C = 180$
 $78 + 2 + C = 180$
 $-78 -78$
 $C = 102$
 $\div 3 \div 3$
 $C = 34$ ✓

d. $90 + x + x + x + x = 180$
 $90 + 4x = 180$
 $-90 -90$
 $4x = 90$
 $\div 4 \div 4$
 $x = 22.5$ ✓



STUDENT LEADERSHIP

The next two weeks are going to be busy for our student leaders. In forms they have been electing their representatives for the Student Council who will be meeting just after half term with Mrs England. Congratulations to all those form reps. They will be receiving their badges early next week.



Our Student Leadership Groups will be launched next week. We have in place our Ambassadors for Years 8-10 and they have been placed in one of ten teams led by a select group of Prefects. Each team will meet once a fortnight for a working breakfast, where they will update their group about their progress on a number of tasks - community, enrichment club support, charitable donations and whole school activities.



We will be recruiting Year 7 ambassadors in the next two weeks, whereby the successful applicants will be joining the leadership teams. Information on how to apply to be an ambassador will be outlined in assembly on Friday.

SAFEGUARDING

OPERATION ENCOMPASS

OPERATION
ENCOMPASS

Operation Encompass is a national scheme that operates jointly between schools and all police forces.

“ Children who live in homes where there is domestic abuse, or who experience domestic abuse in their own teenage relationships, can be negatively impacted by this experience. ”

“ We have ensured that a member of our staff, (Designated Safeguarding Lead) known as a Key Adult, has been trained about Operation Encompass procedures. This allows us to use the information that has been confidentially shared with us by the police, to understand how a child may be impacted by domestic abuse and to then offer support to the child/ren in our care. ”

“ This information means that we can understand a child's behaviour and support that child in whatever way they may need or want. ”

“ Children who experience domestic abuse are recognised as victims of domestic abuse in their own right¹. ”

“ Operation Encompass means that our school will be told, prior to the start of the next school day, when police have attended an incident of domestic abuse where there is a child or young person who attends our school who is related to any of those involved in the incident. ”

“ We are keen to offer the very best support possible to all our pupils and we believe that being part of Operation Encompass helps us to do this. ”

¹ Domestic Abuse Act 2021

www.operationencompass.org

THINK YOU KNOW

Useful resources and information here:-

https://www.thinkuknow.co.uk/11_18/



MEET OUR SAFEGUARDING TEAM



Ext. 11173

Rebecca Bonny

DESIGNATED SAFEGUARDING LEAD



Ext. 11059

Tom Baiamonte

Head of Year

DEPUTY DSL



Ext. 12223

Tracy Selves

DEPUTY DSL



**Jo
Grice**

Ext. 11084
Head of Year



**Melissa
Southern**

Ext. 11062
Head of Year



**Mel
Thomas**

Ext. 11014
Medical



**Melissa
Burns**

Ext. 11113
Inclusion

DESIGNATED SAFEGUARDING OFFICERS

Marie Shaw

SAFEGUARDING GOVERNOR

We recognise our moral and statutory responsibility to safeguard and promote the welfare of students. We endeavour to provide a safe and welcoming environment where children are respected and valued. We are alert to the signs of abuse and neglect and follow our procedures to ensure that children receive effective support, protection and justice. Our aim is to provide a safe and secure environment for students, staff and visitors. If you have any concerns about the safety of a child please ensure you report it to a member of the safeguarding team:-

safeguarding@shuttleworth.lancs.sch.uk

If your concern is of immediate harm or outside of school hours, please report to the Police or Children Social Care 0300 123 6720
0300 123 6722 (evenings/weekends)

Safeguarding is our top priority. Please help us in ensuring our school is a safe place!

STAFF NEWS

WELCOME to  COLLEGE

JULIA SHARMAN

Julia has joined us as a Finance Officer. Welcome Julia.



ELLEN COOK

Ellen has joined us as a Student Support Worker. Welcome Ellen.

JESSICA KILBY

Jessica has joined us as a Student Support Worker. Welcome Jessica.



The following staff will be leaving us this term. Thank you for your hard work!

James Hothersall

Goodbye & **GOOD LUCK!**

Congratulations to Mrs Simporis on the birth of your son.

