

Scarborough UTC News Flash

Friday, 4th October 2024

INTRODUCTION

Dear Parents/Carers,

Open Event

First of all, a heads up! We are holding the first of two Open Events on Tuesday next week; parents old and new are welcome to attend college and see all that we have on offer. We are open from 5pm until 8pm, all spaces will be open, in addition I will be doing some "Talks by the Principal" too. Anyone who attends will be entered into a prize draw for a £50 Amazon voucher.

Ski Trip

Thank you to all the parents who attended the ski trip event. Those students who were not represented will need to see me over the course of the week ahead to pick up information and to collect hoodies. Those for whom the hoodie doesn't fit, don't worry, we have contacted the supplier and this will be fixed before we leave. A polite reminder that the final payment is now overdue. We do have 2 students on the waiting list, with parents willing to pay the full amount immediately, sadly, places are at risk if payments are not made.

Contacting college

Please can I remind parents that Bromcom messaging is not monitored. If parents or students use this, in all likelihood it will not be answered. The enquiries@su.coastandvale.academy email is always monitored, this is the way to make contact with school, thank you.

Trial Exams (2)

Year 11 will be undertaking trial exams in Maths and English this week, I wish them all the very best of luck.

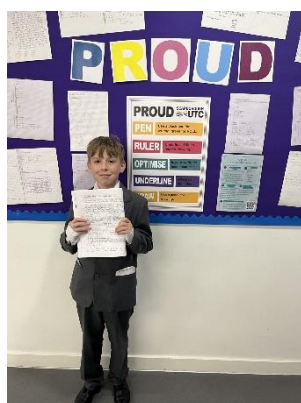
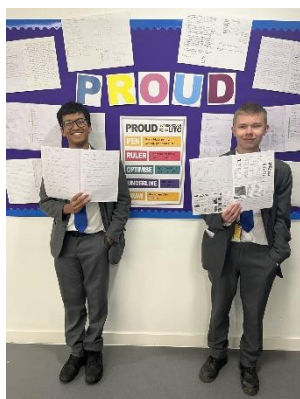
Kind Regards

Helen Dowds

Principal

PROUD @ THE UTC

This week we have continued our PROUD initiative where students share fantastic examples of work they and their teachers were proud of from this weeks lessons. Well done to year 11 Vishnu and Harry, Y9 Grace, Tom, Cleo and Isaac.



UKMT SENIOR MATHS CHALLENGE

Our Year 12 & 13 Students Compete in the UKMT Senior Maths Challenge!

Dear Parents and Guardians,

We are thrilled to announce that several of our Year 12 and 13 students have recently participated in the **UKMT Senior Maths Challenge**, an annual competition organized by the **UK Mathematics Trust (UKMT)**. The challenge, which took place this week, encourages students to apply their mathematical knowledge to solve a variety of complex problems.

The UKMT Senior Maths Challenge consists of thought-provoking questions designed to develop mathematical reasoning, problem-solving, and critical thinking skills. Our students were presented with a range of interesting problems, such as this one from a past paper:

Past Paper Example (Multiple Choice):

What is the largest prime factor of $13^8 - 1$?

- A) 3
- B) 5
- C) 7
- D) 13
- E) 41

The correct answer is **41**, and this problem challenges students to apply their knowledge of prime factorization, making use of the difference of squares technique. It's just one example of the exciting mathematical puzzles students engaged with during the challenge.

We are eagerly awaiting their results and will be sharing their achievements soon. Regardless of the outcome, we are incredibly proud of their efforts and enthusiasm for tackling these challenging problems.

For more information about the UKMT Senior Maths Challenge, feel free to visit the [UKMT website](#).

MATHS REVISION: UNDERSTANDING MARK SCHEMES AND MAXIMIZING MARKS (WEEK4)

This week, we're shifting focus towards a key part of exam success—**understanding how marks are awarded** and how students can maximize their scores by improving their answers. The goal is to not only get the right answer but to **gain method marks** for showing clear working and understanding.

1. Using Mark Schemes to Improve Exam Technique

This week, your child will spend time completing exam-style questions and reviewing their answers using **official mark schemes**. Mark schemes are incredibly useful for understanding how examiners allocate marks, especially for multi-step problems.

- **What to expect:** Your child will work through 5-10 exam-style questions this week and review their answers using the mark schemes. They'll focus on learning how to show their working clearly to earn partial marks, even if the final answer isn't correct.
 - **How parents can help:** Encourage your child to take the time to review their answers in detail. Help them analyse where they missed marks and remind them to always show their working for multi-step questions.
-

2. Refining Problem-Solving Skills for Multi-Mark Questions

Multi-mark questions can be tricky, but they also offer the opportunity to earn extra marks by breaking the solution into smaller, manageable steps. This week, your child will focus on how to approach these questions in a way that maximizes their score.

- **Year 11 students:** Students will work on topics like simultaneous equations, detailed geometry problems, or word problems that carry more marks.
 - **Year 13 students:** For A-level, students will be working on longer, multi-part questions in areas like Calculus and Statistics, where showing clear, logical steps is crucial.
-

3. Building Confidence with Complex Questions

Students will also spend time on **longer, more complex questions** this week. These require careful time management and attention to detail.

- **What to expect:** Your child will tackle multi-step problems that require a structured approach. They'll focus on understanding the process behind each step and how to show it clearly.
 - **How parents can help:** Encourage your child to practice explaining their thought process aloud. This helps reinforce understanding and highlights any gaps in their knowledge.
-

4. Time Management for Longer Questions

This week's focus also includes improving **time management**. Working through longer questions can be time-consuming, so students will practice **completing questions within a set time limit** to help them stay on track during the actual exam.

- **What to expect:** Students will time themselves while working through exam-style sections. This will help them learn how to balance time across different types of questions, from shorter ones to complex, multi-mark problems.
 - **How parents can help:** Ask your child how they are managing their time and encourage them to focus on finishing questions within the set time. Help them analyze which types of questions take the longest and where they can improve their pace.
-

5. Resources for Continued Practice

Here are some key resources your child can use this week to practice with mark schemes and complex questions:

- **Maths Genie:** Access past papers and mark schemes to see how marks are awarded (<https://www.mathsgenie.co.uk/>).
 - **Dr Frost Maths:** Use for practice with longer, multi-step questions and solutions (<https://www.dr frostmaths.com/>).
 - **Corbettmaths:** For videos and explanations on complex topics (<https://corbettmaths.com/>).
-

How Parents Can Support

- **Review progress:** Help your child review their answers using the mark schemes to see where they could have earned more marks.
 - **Encourage timed practice:** Support your child by encouraging them to practice longer exam questions within time limits.
 - **Track improvements:** Ask your child to reflect on their progress by the end of the week. Have they improved their time management? Are they gaining more marks by showing their working clearly?
-

By focusing on how to maximize marks through clear, structured answers and improving their time management on longer questions, your child will continue building the skills necessary to succeed in their exams.

SCIENCE

A busy week in our Sciences this week. Year 9 were investigating the burning of hydrogen in Chemistry and dissecting the heart in Biology. In A Level physics, year 13 took a hair-raising look at electrostatics.



CHEMISTRY

Year 9 have started their Food Test investigation by testing for starch and glucose. This is part of their Foundation Year building up important practical skills before they begin their GCSE's next year!

Year 11 have been investigating the rate of reaction in two practicals. One they were waiting for a disappearing cross and in the other one they are collecting gas. This is part of their Chemistry Matter Learning Journey, and they have learnt vital skills ready for their exams!



MOCK EXAMINATIONS YEAR 11

Monday 7th October – Friday 10th October (inclusive)

GCSE Mathematics and English Language mornings only.

YEAR 11/13 MOCK EXAMS 7.10.24 - 11.10.2024						
WEEK ONE	Day	Date	Start	Subject	Yr	Duration
	Monday	7.10.24	9.00am	GCSE Maths P1 (F&H)	11	1hr 30m
	Tuesday	8.10.24	9.00am	GCSE Maths P3 (F&H)	11	1hr 30m
	Wednesday	9.10.24	9.00am	GCSE Maths P2 (F&H)	11	1hr 30m
	Thursday	10.10.24	9.00am	English Language Component 2	11	2hrs 0m
	Friday	11.10.24	9.00am	MOP UP SESSION		

TUESDAY = HALF DAY

SAFEGUARDING

We are committed to our students and families, and we continue to provide support and points of contact.

Should you be concerned and feel that you need to share information please contact and refer information to the following email: dsl@su.coastandvale.academy

SUTC Designated Safeguarding Lead and Deputy Designated Safeguarding Lead monitor the email.

MONITOR, REPORT, ENCOURAGE

All students have been issued with emails and online accounts and all are reminded of the importance of maintaining security using college account usernames and passwords and to report concerns if they feel that accounts have been compromised.

Resources

[The Go-To - Emotional wellbeing and mental health \(thegoto.org.uk\)](http://thegoto.org.uk)

NHS – Scarlet Fever Scarlet fever: symptoms, diagnosis and treatment

Email: info@community-counselling.org.uk

Website: www.community-counselling.org.uk

Telephone: 01653 690124

[Mobile phone safety | Childline](#)

[Physical activity and mental health | Mental Health Foundation](#)

[Kooth for Children & Young People - Kooth plc](#)

ACADEMIC YEAR DATES

Half Term Holiday	Monday 28 th October-Friday 1 st November 2024
Professional Development Training Day	Monday 4 th November 2024
Students Return to College	Tuesday 5 th November 2024
Autmn Term Finishes	Friday 20 th December 2024
Christmas Holiday	Monday 23 rd December-Friday 3 rd January 2025
Professional Development Training Day	Monday 6 th January 2025
Students Return to College	Tuesday 7 th January 2025
Half Term Holiday	Monday 17 th February-Friday 21 st February 2025
Students Return to College	Monday 24 th February 2025
Easter Holidays	Monday 7 th April-Monday 21 st April 2025
Students Return to College	Tuesday 22 nd April 2025
May Bank Holiday	Monday 5 th May 2025
Half term Holiday	Monday 26 th May-Friday 30 th May 2025
Students Return to College	Monday 2 nd June 2025
Summer Term Ends	Friday 18 th July 2025

Professional Development Training Days	Monday 21 st July and Tuesday 22 nd July 2025
--	---

For the academic year 2025-2026 please consult the North Yorkshire Council website