

Scarborough UTC News Flash

Friday, 8th November 2024

INTRODUCTION

Dear Parents and Carers,

Welcome to Autumn term 2!

We started this week with an assembly on the theme of positivity and positive mindset; with a focus on “I am safe”, “I want to learn” and “I want to serve”. This builds on the mindset required in the classroom; having students that are focussed and purposeful.

As you would expect from me, the start of term includes a number of reminders:

Bike lights: We are back to dark nights when we leave college. Please ensure that your child has a fully working set of lights on their bikes, we want them to get home to you safely.

Parking: Ashburn road is narrow and contains two sharp bends between the UTC and Valley Road, it is not safe to park on. Residents have requested that parents also do not use Weaponess Road to wait for their children. Instead, please do park in the Everyone Active carpark, where parking is free and safe.

Flu Vaccination Programme – Friday, 22nd November 2024

For your child to receive their Nasal flu vaccination in school, please complete a YES consent form using the link: <https://yny.schoolvaccination.uk/flu/2024/northyorkshire>

If your child cannot have the Nasal spray, the injectable flu vaccine is available, and you will be able to choose that method on the consent form.

If you DO NOT wish for your child to have a flu vaccination, please complete a NO consent via the same link.

3 Weeks to Year 11 and Year 13 Trail Examinations. Has your child started their revision programme? Have they created a revision plan? There are resources on the website to support with this. All students have access to GCSEpod.com. All they need to do is click on the “logon with Google” setting and follow the instructions. This site has resources for Maths, English, Science, Computer Science and Geography. In addition to this Seneca (for Science) and Sparx and Dr Frost (for Maths) can also be used.

Year 9 and Year 12 Tutor Evening: Tuesday 19th November 16:30-18:30

Appointments are available for booking on Bromcom, please see your app. If you are struggling please follow the parent guide using this link:

<https://docs.bromcom.com/knowledge-base/how-to-book-parents-evening-appointments-using-mcas/>

Alternatively, please call reception and we will be delighted to help you. Appointments do not usually need to be made for RE or World Views – the staff for these will prioritise their main teaching subject appointments over these subjects, but feel free to email for an update on these areas if you require one.

Have a lovely weekend,

Helen Dowds

Principal

FUTURES FAIR

This week we held our first Future's Fair of the year and were joined by almost 20 local employers and education institutions. Students were able to speak to staff about what they do, what the company offers, local opportunities available and the world of work in general. We received very positive feedback from the employers who said that the students asked some very good questions, and that they were a credit to the college. Our huge thanks go to the employers for giving up their morning to support us, and a big well done to students for their conduct. A special mention goes to our Careers Champions, Ife, Mandy, Dimitar and Lewis for their hard work and organising the day.



WORK EXPERIENCE

A huge well done to our Y11 and Y13 students for having a hugely successful work experience week before half term. Employer feedback has been the best so far, reflecting effective student application of many of our Professional Values and Employability Skills, in particular hard work and communication. Students will shortly receive an emailed certificate which includes written feedback from their employer for most - well done again.

On Monday, Y10 and Y12 students will be attending an assembly to formally introduce their work experience arrangements for placement dates 10-14th February 2025. Following the assembly students will receive an email that enables them to login to an online system, Connect, where they can input placement details; there is also a mobile phone application they can use to access their account from home. Please do support your child in finding a placement, and a huge well done to those that have already secured a placement employer.

MOCK EXAMINATIONS

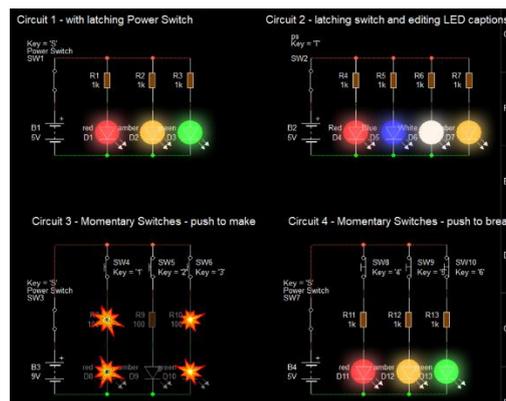
Mock Examinations November/December 2024 for Year Groups 11, 12 & 13 will be held from Monday 25th November to Thursday 5th December inclusive. A copy of the Mock Examination timetable can also be found on our website under the Parent Information Tab/Exam Relation Information .

SUTC Mock Exams Autumn Term 2024 (Nov/Dec 24)						
WEEK ONE						
Day	Date	Start Time	Duration	Subject		Yr
Mon	25.11.24	9.00am	2hrs 30min	GCE Computer Science P1		13
Mon	25.11.24	9.00am	1hr 30min	GCSE Geography P1		11
Mon	25.11.24	9.00am	1hr 45min	GCSE Computer Science P1		11
Mon	25.11.24	2.00pm	2 hrs 0min	GCE Mathematics P1		13
Mon	25.11.24	2.00pm	1hr 30min	GCSE Mathematics P1 (F&H)		11
Mon	25.11.24	2.00pm	1hr 30min	Lvl3 Core Mathematics P1		13
Tues	26.11.24	9.00am	1hr 45min	GCSE Sociology P1		11
Tues	26.11.24	9.00am	2hrs 0min	GCSE Sociology P1		13
Tues	26.11.24	9.00am	1hr 30min	Eng Diploma Unit 3		12
Tues	26.11.24	9.00am	1 hr 15min	Engineering - Design		11
NO PM EXAMS ON TUESDAYS						
Wed	27.11.24	9.00am	1hr 45min	GCSE English Language P1		11
Wed	27.11.24	9.00am	2hrs 0min	Further Maths P1		13
Wed	27.11.24	2.00pm	1hr 45min	GCSE Chemistry F&H P1		11
Wed	27.11.24	2.00pm	1hr 15min	Combined Sci. Chemistry F&H P1		11
Thurs	28.11.24	9.00am	2 hrs 0min	GCE Mathematics P2		13
Thurs	28.11.24	9.00am	1hr 30min	Lvl 3 Core Mathematics P2		13
Thurs	28.11.24	9.00am	1hr 30min	GCSE Mathematics P2 (F&H)		11
Thurs	28.11.24	2.00pm	2hr 0min	GCE Physics P1		13
Thurs	28.11.24	2.00pm	1hr 45min	GCSE Biology (F&H) P1		11
Thurs	28.11.24	2.00pm	1hr 15min	Combined Sci. Biology (F&H) P1		11
Fri	29.11.24	9.00am	2 hrs 0min	GCSE English Language P2		11
Fri	29.11.24	9.00am	2hrs 0min	Further Maths P2		13
Fri	29.11.24	2.00pm	1hr 15min	Engineering - Systems		11
Fri	29.11.24	2.00pm	1hr 30min	Eng Diploma Unit 2		12
WEEK TWO						
Day	Date	Start Time	Duration	Subject		Yr
Mon	2.12.24	9.00am	2hr 30min	GCSE English Literature Comp 2		11
	2.12.24	9.00am	2hr 30min	GCSE Geography (Human & Physical)		13
Mon	2.12.24	2.00pm	1hr 30min	Level 2 Core Maths P1		11
Mon	2.12.24	2.00pm	1hr 30min	Eng Diploma Unit 1		12
Tues	3.12.24	9.00am	1hr 45min	GCSE Sociology P2		11
Tues	3.12.24	9.00am	2hrs 0min	GCSE Sociology P2		13
Tues	3.12.24	9.00am	2hrs 0min	Further Maths P3		13
NO PM EXAMS ON TUESDAYS						
Wed	4.12.24	9.00am	1 hr 10min	GCE Physics P3		13
Wed	4.12.24	9.00am	1hr 45min	GCSE Physics (F&H) P1		11
Wed	4.12.24	9.00am	1hr 15min	Combined Sci. Physics(F&H) P1		11
Wed	4.12.24	2.00pm	1hr 15min	Engineering - Manufacture		11
Wed	4.12.24	2.00pm	1hr 15min	Health & Social Care P1		11
Wed	4.12.24	2.00pm	1hr 30min	Eng Diploma Unit 4		12
Thurs	5.12.24	9.00am	2hrs 30min	GCE Computer Science P2		13
Thurs	5.12.24	9.00am	1hr 0min	GCSE Geography P2 Modified Urban and CEW (No Section C)		11
Thurs	5.12.24	9.00am	1hr 30min	GCSE Computer Science P2		11
Thurs	5.12.24	2.00pm	2 hrs 0min	GCE Mathematics P3		13
Thurs	5.12.24	2.00pm	2hrs 0min	GCSE Sociology P3		13
Thurs	5.12.24	2.00pm	1hr 30min	GCSE Mathematics P3 (F&H)		11

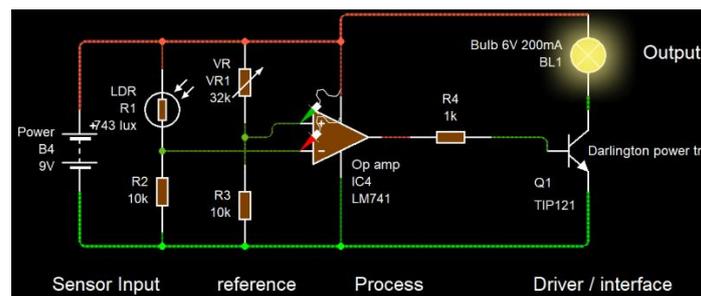
TECHNICAL EXCELLENCE

News from programmable systems this week.

Our foundation programmable systems groups have been in the computer aided design (CAD) room this week, building on their electronic circuit CAD skills they started just before the half term break. It has been fantastic to see the speed with which all students have managed to create some simple circuits, using the component gallery to find parts and build a circuit, and also to edit and then simulate them. After our first practice circuits, we then investigated overloading resistors by not having the correct value selected - to underline the importance of electrical and electronic qualifications in industry - as the images shows, incorrectly chosen components can break - causing failure of the circuit, but more importantly, potential hard to the user and the environment they are in, for example, the home. The next steps here are for our young professionals on the foundation year to try to create a printed circuit board to begin with using CAD, before making it.

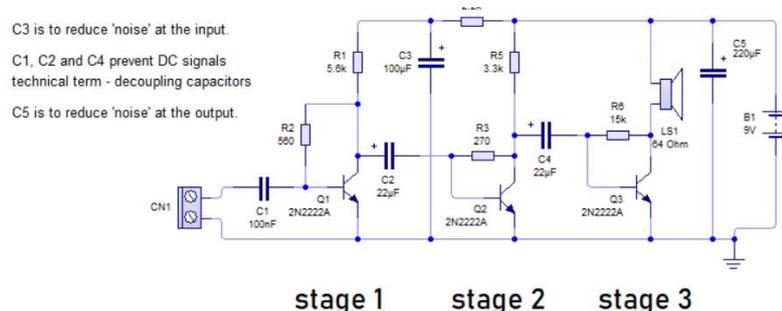


With level 2, that's Year 10 and 11, the coursework set task involves making and testing a circuit designed to automatically detect when a certain lighting level is reached, and then to activate a task light - as might be needed in a workshop or studio. In this image, the light is activated at a LUX level of 743 (see the component labelled LDR), and deactivated at a LUX level above this. In order to create this circuit, and make it meet these specifications, our young professionals in engineering programmable systems, have had to make adjustments to the variable resistor.



An example in daily life of a circuit like this would be automatic street lighting.

Finally, at level 3 - our A level equivalent engineering pathway, students following the electrical / electronics pathway have been investigating and simulating this amplifier circuit before manufacturing it. There are some issues with it, which they will have to identify and fix prior to manufacture.



C3 is to reduce 'noise' at the input.
C1, C2 and C4 prevent DC signals
technical term - decoupling capacitors
C5 is to reduce 'noise' at the output.

Unit 6 Set Circuit - 3 transistor amplifier
DESCRIPTION:
A small scale amplifier suitable for a variety of projects. This is the starting point circuit for Unit 6. There may be problems with this set-up

You can see that there is a stepping up of demand and complexity from our foundation year, right through to Year 12 and 13 - and at each stage students are challenged to investigate circuits, simulate and test them in order to then create working, successful solutions - this week has been a great example of how students across all years are engaging with the life changing opportunities that 'technical excellence' in programmable systems offers. Have a great weekend from Mr Brown

MATHS REVISION UPDATE: APPLYING KNOWLEDGE WITH PAST PAPERS AND SELF-ASSESSMENT (WEEK 7)

In Week 7 of our Maths revision plan, we are focusing on applying knowledge through past papers and introducing self-assessment techniques. Working with past papers is essential for building confidence, refining exam strategies, and understanding the types of questions that may appear on the actual exam. Here's how your child will be working on these skills this week:

1. Practicing with Past Papers

Using past papers allows students to apply what they've learned in a structured way and get a feel for the types of questions they will encounter on exam day. This week, students will start incorporating full past papers into their revision routine.

- **Year 11 students:** Should aim to complete a full GCSE past paper under timed conditions. Resources like Maths Genie and Corbettmaths provide access to past papers that can help them understand exam structure and build confidence.
 - **Year 13 students:** Will benefit from working through A-level past papers, focusing on sections like Calculus, Mechanics, and Statistics. A-level Maths exams require a deeper understanding, so using past papers will help students identify which areas need more attention.
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2. Introducing Self-Assessment

Self-assessment is a powerful tool that helps students reflect on their answers, understand their mistakes, and improve their exam technique. After completing each past paper, students will be encouraged to review their answers carefully.

- **How it works:** Students will go through the mark scheme and evaluate their performance. They should note where they lost marks, why they made mistakes, and what they could do differently next time.
 - **How parents can help:** Encourage your child to keep a record of their scores, the areas where they struggled, and any improvements over time. This will help them track their progress and identify patterns in their strengths and weaknesses.
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3. Focusing on Error Analysis

This week, students will focus on error analysis—understanding why mistakes were made and how to avoid them in future practice. Error analysis helps students develop a clear understanding of their problem areas and gives them the opportunity to correct misconceptions.

- **Year 11 students:** Should work on reviewing common mistakes, such as calculation errors, misinterpreting questions, or skipping steps in multi-step problems.
 - **Year 13 students:** Will focus on identifying errors in more complex A-level topics, like missing steps in differentiation or integration, incorrect assumptions in Mechanics, or misinterpreting statistical data.
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4. Time Management with Full Papers

This week, students will continue to work on time management by completing full past papers within a set time limit. Time management is critical for ensuring all questions are attempted during the actual exam.

- **Year 11 students:** Should aim to complete a past paper within the allotted time, focusing on answering questions efficiently without rushing.
 - **Year 13 students:** Should practice completing each section of an A-level paper within the recommended time to ensure they are able to allocate time appropriately across different types of questions.
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How Parents Can Support

Here are some ways you can help your child stay on track with this week's goals:

- **Encourage reflection:** After your child completes a past paper, ask them to reflect on their performance. Encourage them to think about what went well, what didn't, and how they can improve.
 - **Discuss common mistakes:** Help your child talk through their errors. Understanding why mistakes happened can make a big difference in avoiding them in the future.
 - **Reinforce the importance of pacing:** Encourage your child to practice completing papers within the allocated time. Time management is crucial for success, especially with multi-mark questions that require detailed working.
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Recommended Resources for Past Papers and Mark Schemes

- **Maths Genie:** Provides free past papers, mark schemes, and topic-specific questions (<https://www.mathsgenie.co.uk>).
 - **Corbettmaths:** Offers daily practice questions and full past papers with solutions (<https://corbettmaths.com>).
 - **Dr Frost Maths:** Includes interactive past paper questions and solutions (<https://www.drfrostmaths.com>).
 - **Physics & Maths Tutor:** Has A-level past papers and mark schemes for detailed review (<https://www.physicsandmathstutor.com>).
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By focusing on **past papers**, **self-assessment**, and **error analysis**, your child will develop a deeper understanding of their strengths and areas that need improvement. With your support, they'll build confidence in their ability to tackle a full exam and make steady progress towards exam readiness.

Thank you for your continued encouragement and support.

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)

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

ATTENDANCE

Firstly, thank you for the hard work every day ensuring your child has good or excellent attendance. This has a significant impact on both social and academic outcomes for your child. Now as we head into Autumn achieving and maintaining 96-100% is essential. Students are continually rewarded.

Currently, we can see that students value their experiences here at Scarborough UTC and attendance is a key factor in this.

111 students with PVES totals of over 300 pts, 211 over 150 PVES and all student over 100 PVES. The reward system identifies all aspects of professional conduct, and the points are accumulated throughout the academic year and rewards issued each half term.

In several areas points are automatically added each week: such as 100% attendance in each week and for zero negative stages. It is an important system that ensures and promotes self-management.

Similarly, year to date there are 105 students with attendance over 94% and 89 over 96% and 48 with 100% attendance. More importantly when we look forward it is great to see an improving trend and we can highlight that Year 11 attendance reached almost 97% this week. We recognise this and as we approach the next series of trial exams, this demonstrates the commitment our students have.

Please check previous Newsletters for guidance on attendance and the new DFE attendance framework.

All medical and illness absences are reported daily by parents using our absence line or enquiries to Miss. Brown our Attendance and Data Manager. Should you make a call for a reported student illness– please expect a phone call back from the attendance team to check details and provide support as required.

ACADEMIC YEAR DATES	
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