

Subject	Brief outline of Challenge	Location	Time Schedule
Accounting	Accounting is everywhere. All organisations must keep track of their money. Every organisation has to make decisions which involve finance. Organisations such as hospitals, football clubs, charities and companies all need to keep accounts. This means that there are many employment opportunities if you have studied accounting. Come and find out more about this. You will also have opportunity to work on an activity that will introduce to some of the ideas that are important in accounting. You will also find out more about how we teach the course, and all the support that is available to you.	M07 and M08	First session will start at 9:30 and will run every 30 minutes. Last session at 15:00
Ancient History	3 x 10 min activity sessions on a rota throughout the day: 1st: Intro, welcome (5 mins) 2nd: Greek mythology/history side show quiz (10 mins) 3rd: Show and tell/ handling Roman artefacts (10 mins) 4th: "Who said what? Who did what?" Roman emperor group activity (5 mins) 5th: Q and As, give out sheets etc (5 mins)	Sports Hall	Repeated on the hour throughout the day
Art, Craft & Design	Practical A&D Activity: Printing and etching workshop	J105	45-minute sessions starting at 9:15, 10:15, 11:15, 13:30, 14:30 and 15:30. Capacity per session 15 students.
Art & Design Diploma	Practical A&D Activity: Printing and etching workshop	J01	45-minute sessions starting at 9:15, 10:15, 11:15, 13:30, 14:30 and 15:30. Capacity per session 15 students.

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Biology and Applied Science	Investigating the reactions of maggots: Practical investigation work in the lab	S101	9:15 - 9:45
			10:15 - 10:45
			11:15 - 11:45
			13:15 - 13:45
			14:15 - 14:45
			15:15 - 15:45
		S102	9:45 - 10:15
			10:45 - 11:15
			11:45 - 12:15
			13:45 - 13:15
			14:45 - 14:15
			15:30 - 16:00
Business A Level / CTEC	Business is everywhere and every business is affected in different ways. During the covid 19 pandemic some businesses thrived while others really suffered. This is a brief introduction to the type of topics we look at as we go through the two year course. You will also find out more about how we teach the course, and all the support that is available to you.	M10 and M11	First session will start at 9:30 and will run every 30 minutes. Last session at 15:00
Chemistry and Applied Science	Investigating the reactions of vanadium: Practical science in the lab	S07	9:15 - 9:45
			10:15 - 10:45
			11:15 - 11:45
			13:15 - 13:45
			14:15 - 14:45
			15:15 - 15:45
		S08	9:45 - 10:15
			10:45 - 11:15
			11:45 - 12:15
			13:45 - 13:15
			14:45 - 14:15
			15:30 - 16:00

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Computer Science	Programming traffic lights using Raspberry Pi kits	G101	9:15 – 9:45
			10:00 – 10:30
			10:45 - 11:15
			12:30 – 13:00
			13:15 – 13:45
			14:00 – 14:30
			14:45 – 15:15
Creative Media BTEC	Practical Creative Activity: Making a music video	J02	45-minute sessions starting at 9:15, 10:15, 11:15, 13:30, 14:30 and 15:30. Capacity per session 15 students.
Criminology	<ol style="list-style-type: none"> 1. Finger printing activity- students will take their own finger prints and identify the features of their prints. 2. Punishments case studies activity- students think about what punishments different perpetrators deserve and what they got in reality. 3. Illegal/ legal card sort 	Sport Hall	On going
Drama	Practical Creative Activity: Drama Workshop	J112	45-minute sessions starting at 9:15, 10:15, 11:15, 13:30, 14:30 and 15:30. Capacity per session 15 students.
Economics	A taster session to give you a flavour of Economics and how it relates to every aspect of your life. The session will also outline possible careers that students could follow.	M12 and M13	First session will start at 9:30 and will run every 30 minutes. Last session at 15:00
Electronics	What is Electronics? Making Electronics Count	S111	9:15 (S110)
			10:15 (S110)
			11:15 (S110)
			12:15 (S110)
			13:15 (S110)
			14:15 (S110)
			14:45 (S112)

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English A levels	Interactive activity	Sports Hall	Ongoing all day
Film Studies	Storyboard activity - students arrange a series of images into a storyboard to create a visual narrative. They layer with details of sound, lighting, special effects etc.	G111	Ongoing all day
Fine Art	Practical A&D Activity: Drawing Workshop	J09	45-minute sessions starting at 9:15, 10:15, 11:15, 13:30, 14:30 and 15:30. Capacity per session 15 students.
French	Interactive activity	Sports Hall	Ongoing all day
Geography	Temperature and wind speed readings around the sports hall. Challenge is to work out how to use the equip for a start, which is an anemometer. Next challenge is take the readings and record them on data sheet, third challenge is to spot any trends with the data. Fourth challenge is to give reasons for the trends. So FOUR challenges!!!	Begin in Sports Hall and then students will go on 15 minute walk around the outside of sports hall	Ongoing all day
German	Interactive activity	Sports Hall	Ongoing all day
Graphic Communication	Practical A&D Activity: Digital graphics workshop	J106	45-minute sessions starting at 9:15, 10:15, 11:15, 13:30, 14:30 and 15:30. Capacity per session 15 students.
Health & Social Care	<ol style="list-style-type: none"> 1. Explore job roles in Health & Social Care 2. Communication skills in the Health & Social Care sector 3. What is equality & diversity? 	Sport Hall	Ongoing all day
History	Music and History: a variety of History related challenges including links to music	Sports Hall	Ongoing all day

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ICT	Website design	G109	9:30-10:00
			10:30-11:00
			11:30-12:00
			12:30-13:00
			13:30-14:00
			14:30-15:00
Law A Level and BTEC	Sentencing challenge – students have fictitious case studies and decide an appropriate sentence from a range given to them	Sports Hall	Ongoing all day
Mathematics	An open box is to be made from a rectangular sheet of A4 paper measuring 29.5cm by 21cm, by cutting four equal squares from the corners and folding up the flaps. Can you find the length of the sides of the square that makes the volume as large as possible?	E03	40-minute sessions starting at 9:15, 10:00, 11:00, 11:45, 13:00, 13:45, 14:30 and 15:15
Photography	Practical A&D Activity: Mobile Photography Challenge	J08	45-minute sessions starting at 9:15, 10:15, 11:15, 13:30, 14:30 and 15:30. Capacity per session 15 students.
Physical Education	1. Explore reaction time and sport 2. Movement analysis in sport 3. The impact of commercialism in sport 4. Explore assessment in A level PE	Sports Hall	Ongoing all day
Physics	A Physics challenge: Waves on wires	S110 / S112	9:15 (S110)
			9:45 (S112)
			10:15 (S110)
			10:45 (S112)
			11:15 (S110)
			11:45 (S112)
			12:15 (S110)
			12:45 (S112)
			13:15 (S110)
			13:45 (S112)
			14:15 (S110)
			14.45 (S112)

Subject	Brief outline of Challenge	Location	Time Schedule
Politics	'Debate roulette'; small timed debates of 10 minutes where two groups debate on a motion related to UK politics. Students can dip in and out of it, so every 10 minutes there will be an opportunity for new students to join in on the next debate.	M115	Ongoing all day
Product Design	Practical A&D Activity: 3D Design Challenge	J04	45-minute sessions starting at 9:15, 10:15, 11:15, 13:30, 14:30 and 15:30. Capacity per session 15 students.
Psychology	Students will be presented with a number of practical challenges to complete, which directly relate to course content in A Level Psychology. 1. Jelly Bean challenge 2. True/False statements challenge 3. Stroop Effect challenge 4. Short term memory challenge 5. Secret challenge	Sport Hall	Ongoing all day
Sociology	Three activities: 1. Thinking like a Sociologist (scenarios and questions to prompt critical thinking) Students attempt to answer. 2. Life boat challenge activity: Wrecked at sea who survives? Students work collaboratively (community) to make a joint decision considering factors. 3. Perspectives activity. Images that can be interpreted in different ways to highlight the different sociological theories.	Sport Hall	Ongoing all day
Spanish	Quiz	G06	Ongoing all day
Sport	1. Reaction time and sport 2. Movement analysis in sport 3. Sports coaching skills 4. Explore assessment in vocational sport	Sports Hall	Ongoing all day