



# London Design & Engineering UTC

## LDE UTC Societies

We are really pleased to present the 2021/22 societies.

Being part of a society demonstrates learners' commitment to other activities outside of their studies which can be used to their advantage when it comes to applying to universities or employment. For example, memorable moments from your time at the club can make great discussion points in your interview.

We also believe that some learners and staff have not had the opportunity to explore and develop their interests during the past two years whilst the Covid-19 pandemic has placed many restrictions on what we used to take for granted in everyday life. These societies will provide a broad and balanced range of activities that will both be fun and engaging whilst also providing a wider set of knowledge and skills that will benefit us all.

Societies are optional and we would encourage all learners to take up these exciting opportunities.

Please read through the societies below and then when you have chosen which ones you would like to join, click on the link on the LDE UTC societies webpage to sign up.

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Society Name:	It's Debatable	Type of Society	Academic.	x
			Skills & knowledge	
			Wellbeing	



Description about what the society does:

The society will give learners of all abilities a fun way of developing their oracy skills. It will empower LDE learners' skills of expressing their beliefs clearly and concisely, public speaking and effective communication in a formal setting, and staying aware of current events in the world.

Details of suggested trips:

- House of Parliament
- Debate competition with other schools
- Attend TED talks
- BBC question time

Key Concepts

- Oracy
- Literacy
- British Values

Skills and knowledge gained

- Effective Communication
- Critical thinking
- Creativity
- Confidence
- Leadership
- Research and organisation

Society identity:

**Pin Badge**

Suitable for: All learners and all staff

No. of members: Maximum of 15

When: Wednesdays from 15:00-17:00

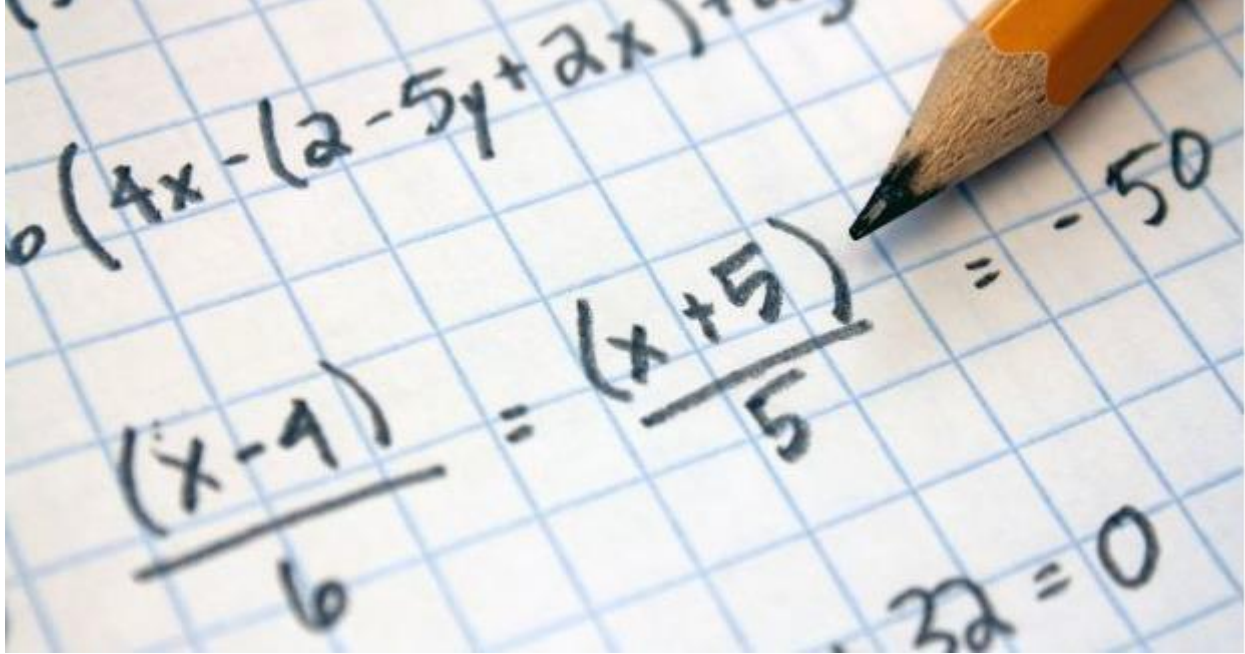
Where: In Room 3.26

Equipment: Please bring a pen with you

Cost: This society is free

Staff Lead: Nazmin Chowdhury – Curriculum Lead for English

Society Name:	KS5 Mathematics Study Group	Type of Society	Academic.	x
			Skills & knowledge	
			Wellbeing	




Description about what the society does: This society will be a space to nurture and enhance learner's mathematical knowledge and passion. This society will enable learners to come together and consolidate and expand upon the concepts explored within lessons as individuals or as a team. This society will also allow learner to explore and experiment with interesting mathematical concepts and theories such as the Monty Hall problem.

Details of suggested trips

<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Exploring Mathematical Concepts.</li> <li>○ Performing Experiments to test Mathematical theories.</li> <li>○ Consolidate and expand upon learning from lessons</li> </ul>	<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ Analytical skills</li> <li>○ Problem solving skills</li> <li>○ Abstract thinking skills</li> </ul>
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Society identity:

Suitable for	Year 12 and Year 13
No. of members	Maximum of 25
When	Mondays and Wednesdays from 08:15-09:00
Where	In Room 3.20
Equipment	Please bring a calculator and school laptop
Cost	This society is free
Staff Lead	Andrea Peiris and Rhys Headland

Society Name:	English GCSE Club	Type of Society	Academic	x
			Skills	
			Wellbeing	
				
Description about what the society does: GCSE English skills revision and intervention				
Details of suggested trips:				
Key Concepts <ul style="list-style-type: none"> <li>○ Literacy</li> <li>○ Oracy</li> </ul>		Skills and knowledge gained <ul style="list-style-type: none"> <li>○ Literacy</li> <li>○ Oracy</li> </ul>		
Society identity:				
Suitable for:	Years 10, 11 and 12			
No. of members	Maximum of 6 per year group.			
When	Mondays, Wednesdays and Fridays from 08:30 – 09:00			
Where:	In Room 3.26			
Equipment:	Please bring a pen with you			
Cost:	This society is free			
Staff Lead:	Nazmin Chowdhury – Curriculum Lead for English			

Society Name:	Local Cinema Group with Applied science	Type of Society	Academic	
			Skills & knowledge	x
			Wellbeing	



**Description about what the society does:**

In this modern age of fiction, we see a cool application of science within the media. Do you have a passion for anything sci-fi and want to get a bit more hands on with the science we see? Ever come out of a movie and you just want to discuss about it? Maybe you saw something interesting and you wanted to investigate further? Marvel shows got you pondering about space-time? Free guy or still trapped? Could you ever be a Martian? Maybe you're still unsure of the plot of inception?

Real Steel fan? Let's make some basic robots  
 Could you make catapults better than Sauron's army?  
 Can you best Davy Jones and make a boat faster than the Flying Dutchman?  
 Ever seen a real-life fire bender? Home alone? Make a Rube Goldberg machine.  
 Think you can make a Tower higher than The Pearl? How?  
 Or maybe you just want a feel of a good old American science fair and make some volcanoes?

Every week we will pick a theme, analyse the science, plan an investigation and have the opportunity to debate and/or deliver some interesting projects

**Details of suggested trips:**

British Science Museum; Theatre; Cinema; Warner Bros Studios; IMAX cinema: BBC studios

**Key Concepts**

- Movie Review
- Practical Investigations
- Oracy
- Wellbeing activity

**Skills and knowledge gained**

- Team building
- Science capital
- Critical thinking
- Investigative Skills
- Persuasive Language
- Confidence building

Society identity: Personalised Handshakes

Suitable for:	Years 10, 11 12 and 13
No. of members	Maximum of 15
When	Thursdays 15:00-16:00
Where:	In Room 2.27
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Mohamed Omar – Science Teacher

Society Name:	High Fliers	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



# HIGH FLIERS

## Description about what the society does:

We will be working on the skills and knowledge required at in science at KS4 to support your GCSEs with a focus on careers in aerospace. This will be useful for anyone interested in improving their grades in the sciences at GCSE and those potentially interested in Aerospace and the IASTI courses we offer at LDE UTC in piloting, engineering and ground operations. We will look at the science behind flight and propulsion and rocketry using practical demonstrations, physical and virtual modelling and experiments. We will assign year 13 science mentors to support your work in small groups. We will get industry experts and the IASTI course leads to come and deliver masterclasses.

## Details of suggested trips:

City Airport

### Key Concepts


- Engineering
- Aerospace
- Chemistry
- Physics
- Biology

### Skills and knowledge gained

- Science GCSE consolidation
- Principles of flight
- Mechanics
- Propulsion and rocketry
- Use of Physical formulae
- Modelling and practical work

## Society identity:

Suitable for:	Years 10 and 11
No. of members	Maximum of 26
When	Wednesdays from 15:00-17:00
Where:	In Room 2.23
Equipment:	Please bring a pen, pencils and calculator with you
Cost:	This society is free
Staff Lead:	Adam Masheter – Curriculum Lead for Science, & Kenan Drugzani – Science Teacher

Society Name:	Chess Club	Type of Society	Academic	
			Skills & Knowledge.	X
			Wellbeing	
 <b>KEEP CALM AND JOIN THE CHESS CLUB</b>				
<p>Description about what the society does:</p> <p>Chess is a universal game, knowing no boundaries of age, gender, faith, ethnicity or disability, that promotes key intellectual skills such as problem solving, logical thinking, pattern recognition and concentration. Playing chess also fosters intellectual character. Its cerebral reputation boosts self-esteem and gives children ‘grit’ – the tenacity to cope with adversity.</p> <p>Whether you want to learn or an experienced player there will always be a game.</p>				
<p>Details of suggested trips: Inter school competitions</p>				
<p>Key Concepts</p> <ul style="list-style-type: none"> <li>○ Literacy</li> <li>○ Numeracy</li> </ul>		<p>Skills and knowledge gained</p> <ul style="list-style-type: none"> <li>○ Problem solving</li> <li>○ Logical thinking</li> <li>○ Pattern recognition</li> </ul>		
<p>Society identity:</p>				
Suitable for:	Years 9 to 13			
No. of members	Maximum of 16			
When	Wednesdays from 08:00-09:00 and 16:00-17:00			
Where:	In room 1.29			
Equipment:	Please bring a chess set (if you have one)			
Cost:	This society is free			
Staff Lead:	Alan Soong – Computing Teacher			



Society Name:	Warhammer 40k	Type of Society	Academic	
			Skills & Knowledge.	X
			Wellbeing	



Description about what the society does:  
 Warhammer 40,000 is set in the far future of our galaxy, in a distant time where Humanity must battle for survival against untold horrors. Aliens, monsters and traitors constantly seek to destroy Mankind, and only through the courage and strength of their armies can Humanity hope to survive.  
 In the club you will build and paint miniature figures to play the game, develop tactics and learn about the Warhammer 40k world.

Details of suggested trips: Visit Games workshop

Key Concepts	Skills and knowledge gained
<ul style="list-style-type: none"> <li>○ Literacy</li> <li>○ Numeracy</li> </ul>	<ul style="list-style-type: none"> <li>○ Figure painting</li> <li>○ Model building</li> </ul>

Society identity:	
Suitable for:	Years 9 to 13
No. of members	Maximum of 8
When	Thursdays from 15:00 – 16:00
Where	In Room 1.30
Equipment:	Please bring painting overalls with you
Cost:	This society is free
Staff Lead:	Alan Soong – Computing Teacher

Society Name:	Street Photography Society	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



**Description about what the society does:**

This society provides learners the skills of using the camera and learn the fundamental rules of taking beautiful street images:

- Learners will demonstrate artistic skills, learn photography techniques and knowledge of the camera's setting
- To improve learners' aesthetics and to see the world differently by understanding the language of light and the element of composition.
- Learners will be taught digital imaging tips and skills to enhance their images
- To spark learner's interest in photography and cultivate a lifelong hobby

**Details of suggested trips:**

- Tate Modern
- The VA photography Gallery
- London Photography Gallery

**Key Concepts**

- Numeracy
- Oracy
- L4L

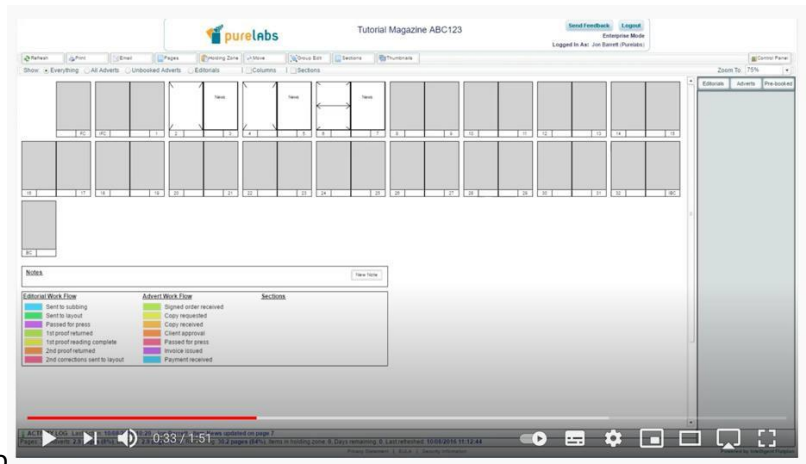
**Skills and knowledge gained**

- Critical thinking/Storytelling
- Creativity
- Technical expertise

Society identity: T-shirt and Bandana

Suitable for:	Years 9 to 12
No. of members	Maximum of 3 per group
When	Wednesdays and Thursdays from 16:00 – 17:00
Where	In room 3.31
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Andrew Tan – Design Teacher

Society Name:	Magazine Workshop	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



Photo

Description about what the society does: Participants will learn how to plan and produce a magazine or book for publication using digital planning software. They will learn about pagination, how to conduct an interview, look for interesting stories and take photos to support them. They will learn how to write, commission and edit content to a given wordcount and generate attention grabbing coverlines and design front covers with impact. These skills will help them lay out their PPTs for other subjects and gain confidence in talking to and directing a wide range of people. Learners could work on their own titles singularly or collaboratively or as a group on a magazine for the college.

Details of suggested trips: A print press

<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Forward Planning</li> <li>○ Graphic communication</li> <li>○ Editing</li> </ul>	<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ Photography</li> <li>○ Picture editing</li> <li>○ Page layout through InDesign</li> <li>○ Interviewing technique</li> <li>○ Journalism</li> </ul>
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Society identity:

Suitable for:	Years 9 to 13 and all staff
No. of members	Maximum of 10
When	Mondays and Wednesdays from 08:00 – 09:00 Thursdays from 15:00 -16:00
Where	In Room 1.29
Equipment:	Please bring a smartphone with you
Cost:	This society is free
Staff Lead:	Derek Jones – Engineering Teacher

Society Name:	LDE UTC Greenpower Racing and BSC Karting	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



Description about what the society does:

Learners will learn how to design, build and race electric race cars. The learners will have an opportunity to compete at national and international race including Goodwood, Dunsfold park and Castle coombe. The learners will need to work together to maintain the cars and repair them during the races.

Learners will learn how to maintain, driving skills and teamwork skills to work together in order to win their heat within the karting races. The learners will compete at regional level in order to gain a space in the national final race.

Learners will have to opportunity to visit a Formula 1 team and learn about engineering careers and opportunity

Details of suggested trips:

- 3 x practice go karting at Brentwood karting
- Racing at the regional karting tracks
- Racing the Greenpower cars at Dunsfold Park, Castle Coombe and Goodwood
- Trip to one of the Formula 1 racing team (TBI)

Key Concepts

- Learning for life
- Numeracy
- Oracy

Skills and knowledge gained

- Team building
- Knowledge of maintaining go karts
- Driving skills
- Knowledge of the regulations and laws
- Presentation skills and mentoring

Society identity: Racing overalls, pin badge

Suitable for: All learners and all staff

No. of members: Maximum of 15

When: Wednesdays from 16:00-17:00

Where: In room TBC

Equipment: Please bring overalls, gloves and helmets (if you have them)

Cost: TBC

Staff Lead: Famida Noor Mahomed – Engineering Teacher

Society Name:	Food and Nutrition	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



Photo

**Description about what the society does:**

The society will give learners a fun way to understand the fundamentals of food and baking. For example, making bread, donuts, cakes etc. This course has been developed to provide learners with knowledge and skills necessary to produce quality baked goods. This is a course designed to teach basic baking skills such as measuring scales, use of various baking equipment's and understanding the importance of nutrition.

**Details of suggested trips:**

Borough market  
Camden market  
Donut time

**Key Concepts**

- Baking
- Hygiene
- Baking equipment
- Food

**Skills and knowledge gained**

- Baking quality goods
- Creativity
- Start a potential business from baking
- Identify various baking equipment's
- Understand the importance of nutrition

**Society identity: Cupcake badge**

Suitable for:	All learners
No. of members	Maximum of 10
When	Mondays from 15:00 – 16:00
Where:	In Rooms 2.34 and Kitchen
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Rayeeda Sabur – Science Teacher

Society Name:	Drama	Type of Society	Academic	
			Skills & Knowledge.	X
			Wellbeing	



**Description about what the society does:**

Allows learners to express themselves through various drama activities, the aim will be to build confidence and allow members to express themselves, this will be through role play, monologues, spoken word. Working in teams to write scripts, which will encourage creativity, team building, self-expression. If it all goes well it would be fantastic to perform a show at the end of the year where we can invite all stakeholders.

**Details of suggested trips:**

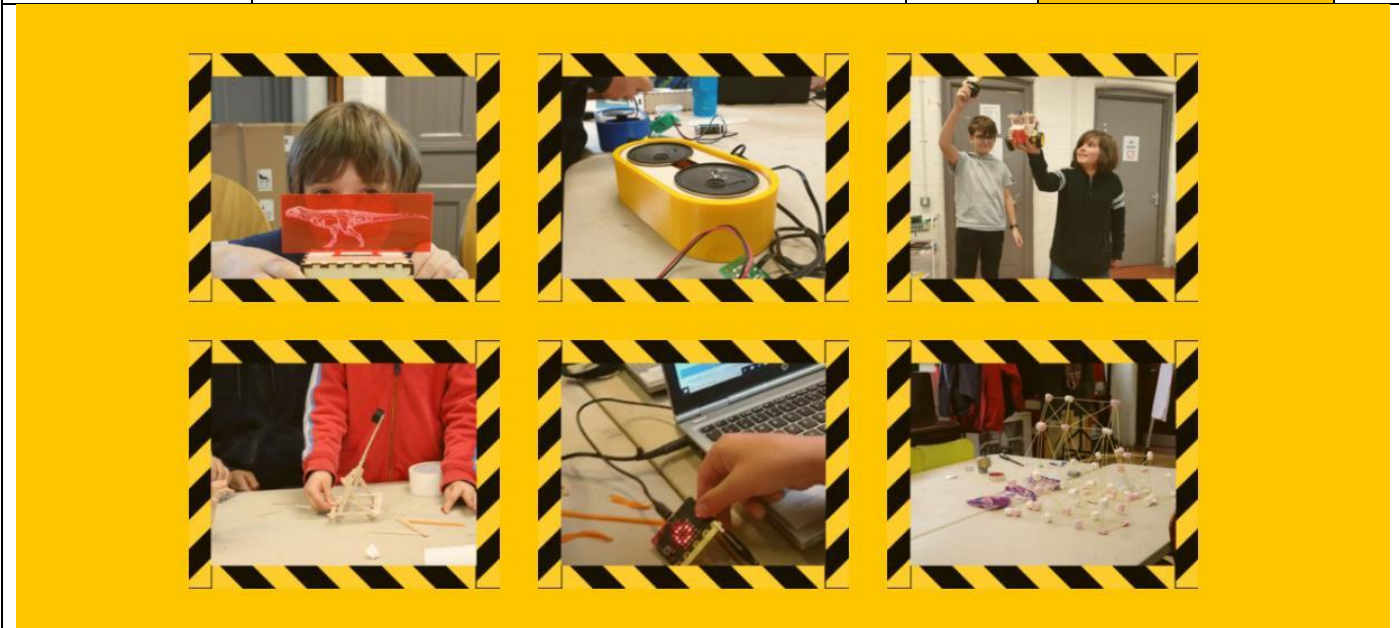
Spoken word events  
Theatre plays – Hamilton or other  
The Globe

<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Bring different year groups together.</li> <li>○ Help to stimulate creativity and expression</li> <li>○ Learners</li> <li>○ Bringing out skills such as public speaking, singing, poetry writing.</li> <li>○ Great for wellbeing.</li> </ul>	<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ Personal confidence</li> <li>○ Team building</li> <li>○ Inter year group relationships</li> <li>○ Interaction with others/strangers developing soft skills</li> <li>○ Public speaking with confidence</li> <li>○ Script writing and developing ideas</li> </ul>
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**Society identity:** A place where creativity can develop.

Suitable for:	All learners and all staff
No. of members	Maximum of 16
When	Thursdays from 15:00-17:00
Where:	Main Lecture Hall
Equipment:	Equipment will be provided
Cost:	This society is free – dependent upon the show, some theatre tickets will require payment
Staff Lead:	Gill Lois – P.A. to Vice Principal Gloria Gold

Society Name:	Tinker Studios	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



Description about what the society does:  
 Use the workshop facilities to design, make and create various projects from lighting design to robotics.

[www.tinkerstudios.co.uk](http://www.tinkerstudios.co.uk)  
[www.instagram.com/TinkerStudios](https://www.instagram.com/TinkerStudios)

Details of suggested trips:

<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Ideate</li> <li>○ Design Process</li> <li>○ Manufacture</li> </ul>	<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ CAD</li> <li>○ Hand skills</li> <li>○ Craft</li> <li>○ Machine</li> <li>○ Programme</li> </ul>
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Society identity:	
Suitable for:	All learners and all staff
No. of members	Maximum of 7
When	Thursdays from 15:00-16:00 and 16:00-17:00
Where	In Room G.23
Equipment	Please bring laptop, pencils and a sketchpad with you.
Cost:	This society is free
Staff Lead:	Heman Amin – Engineering Teacher

Society Name:	Year 11 Art Society	Type of Society	Academic	
			Skills & knowledge.	x
			Wellbeing	



**Description about what the society does:**

The Art Society will give Yr11 learners the opportunity to create their own original artworks using a variety of different techniques. The society will be a place for the learners to lead the creative process, and to work on their Art Portfolio, with me providing technical, conceptual, and contextual support as well as feedback.

The Society is mainly aimed at Learners who study Art & Design but will welcome additional Yr11 Learners.

**Details of suggested trips:**

- Public Art galleries: Tate modern, Tate Britain, National Gallery...
- Commercial Gallery tours: East End art galleries, Mayfair art galleries...
- Artist's studio visits

**Key Concepts**

- Fine Art
- Art History
- Criticality

**Skills and knowledge gained**

- Art Skills (drawing, painting, digital art...)
- Independence
- Criticality and evaluation skills (both assessing their own work and giving feedback to peers)
- Time management skills.

**Society identity:**

Pin badge

Suitable for:	Year 11
No. of members	Maximum of 15
When	Mondays from 15:00 – 16:00
Where	In Room 3.37
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Ishai Rimmer – Art Teacher



Society Name:	Art Society	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



**Description about what the society does:**

The Art Society will give learners the opportunity to create their own original artworks using a variety of different techniques. The society will be a place for the learners to lead the creative process, using their own ideas and interests as a starting point, with me providing technical, conceptual, and contextual support as well as feedback. In addition, the learners will support each other with presentation, peer feedback and collaboration.

**Details of suggested trips:**

- Public Art galleries: Tate modern, Tate Britain, National Gallery...
- Commercial Gallery tours: East End art galleries, Mayfair art galleries...
- Artist's studio visits

**Key Concepts**

- Fine Art
- Art History
- Criticality

**Skills and knowledge gained**

- Art Skills (drawing, painting, digital art...)
- Independence (learners led projects)
- Criticality and evaluation skills (both assessing their own work and giving feedback to peers)
- Presentation skills

**Society identity: Pin badge**

Suitable for	All learners and all staff
No of members	Maximum of 15
When	Wednesdays and Thursdays from 16:00-17:00
Where:	In Room 3.37
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Ishai Rimmer – Art Teacher

Society Name:	Money matters	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



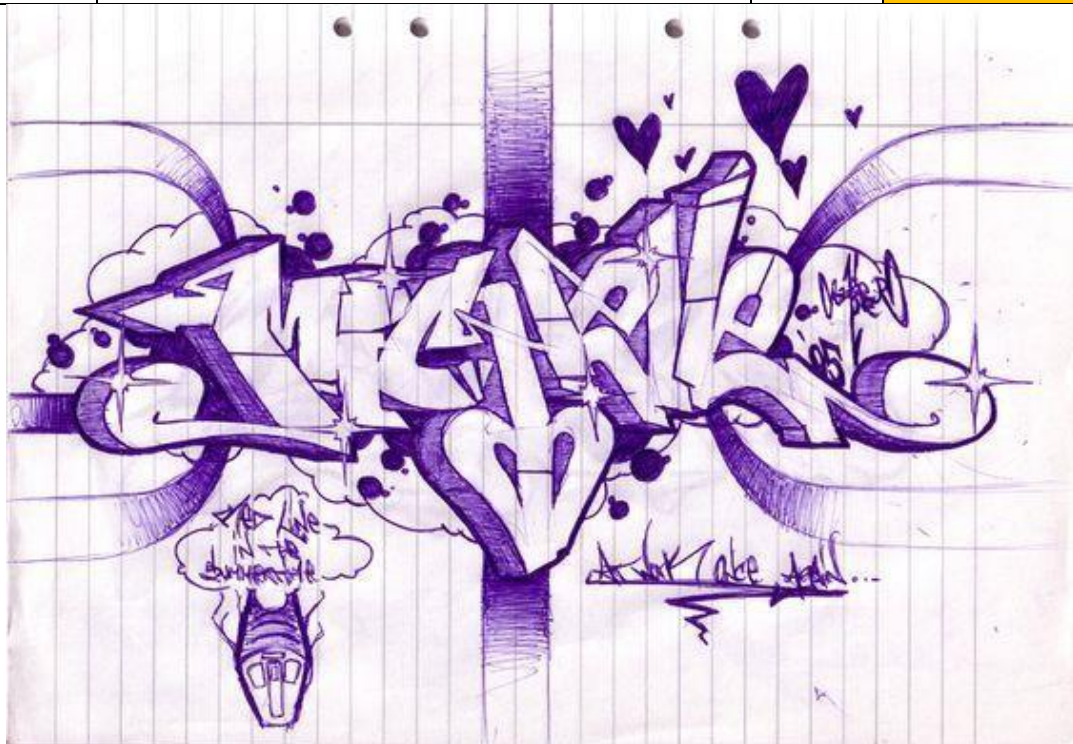
**Description about what the society does:**  
 This society will give learners the opportunity to develop their financial capability. We will focus on the importance of money and why some choose not to save. Why are interest rates so important for saving and borrowing and how can they be calculated?  
 Are you interested in making the most of your money? If so, then this society is for you!

**Details of suggested trips:**  
 Bank of England

<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Making the most of your money</li> <li>○ Moving on from college</li> <li>○ Risk &amp; reward</li> </ul>	<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ Importance of saving</li> <li>○ Borrowing</li> <li>○ Interest rates</li> <li>○ Creating a savings account</li> <li>○ Budgeting</li> </ul>
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<b>Society identity:</b>	
Suitable for:	All learners
No. of members	Maximum of 15
When	Tuesdays and Wednesdays from 8:00 - 09:00
Where:	In Room 3.04
Equipment:	Please bring a pen and a calculator
Cost:	This society is free
Staff Lead:	Parisa Hakimi – Maths Teacher

Society Name:	Graffiti Drawing	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



**Description about what the society does:**  
 The 'Graffiti Drawing Society' aims to develop stylised graffiti fonts, drawn in any chosen style. Working in pencil first, then moving onto fine-liner pens, developing highly detail, interesting Graffiti styles.

Details of suggested trips:  
 Visit graffiti/street art in Hoxton, Shoreditch.

<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Typography</li> <li>○ Creative drawing skills</li> <li>○ Pencil/pen technical skills</li> </ul>	<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ Observation drawing skills</li> <li>○ Drawing fonts (expressive fonts)</li> <li>○ Shading and line skills</li> <li>○ Improving pencil/pen technical skills</li> </ul>
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Society identity:

Suitable for:	All learners and staff
No. of members	Maximum of 12
When	Thursdays from 08:00-09:00
Where:	In Room 1.29
Equipment:	Books, pencils and pen provided
Cost:	This society is free
Staff Lead:	Robert Fulton – Graphics Teacher

Society Name:	Manga Drawing	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



**Description about what the society does:**

The 'Manga Drawing Society' aims to develop your ability to create characters in any chosen style. Working in pencil and finally in pen (fine-liner) drawing highly detail, interesting characters.

**Details of suggested trips:**

Visit graffiti/street art in Hoxton, Shoreditch.

**Key Concepts**

- Observational drawing skills
- Creative drawing skills
- Pencil/pen technical skills

**Skills and knowledge gained**

- Develop observation drawing skills
- Drawing facial features and expression
- Developing characters
- Improving pencil/pen technical skills

**Society identity:**

Suitable for	All learners and all staff
No. of members	Maximum of 12
When	Mondays from 16:00-17:00
Where:	In Room G.01
Equipment:	Equipment will be provided.
Cost:	This society is free
Staff Lead:	Robert Fulton – Graphics Teacher

Society Name:	Duke of Edinburgh Award	Type of Society	Academic	
			Skills and knowledge.	x
			Wellbeing	
				
<p>The Duke of Edinburgh (DofE) Award is a life-changing experience. A fun time with friends and an opportunity to discover new interests and talents. The DofE Award Society at LDE UTC aims to enable learners to achieve the Bronze award through Volunteering, Skills, Physical section and then an Outdoor expedition. Learners will gain confidence and an edge over others when they apply to University, an apprenticeship, as it is a recognised and respected mark of achievement. Learners will develop communication, leadership and teamwork skills as well making a difference to other people's lives and their community.</p>				
<p>A Bronze award Expedition is planned for Easter 2022</p>				
<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Volunteering</li> <li>○ Skills</li> <li>○ Physical</li> <li>○ Expedition</li> </ul>		<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ Teamwork</li> <li>○ Leadership</li> <li>○ Communication</li> <li>○ Resilience</li> <li>○ Management</li> <li>○ Planning</li> </ul>		
<p>Society identity: LDE UTC DofE</p>				
Suitable for:	Year 9			
No. of members	45 learners in Year 9 in the 1 <sup>st</sup> Cohort from September 2021 to March 2022			
When	Mondays from 15;00-17:00			
Where:	In Room 1.21			
Equipment:	Expedition equipment may be needed			
Cost:	£23 participation fee			
Staff Lead:	Jonny Morgan – Head of year 12			

Society Name:	LEGO Play lab	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



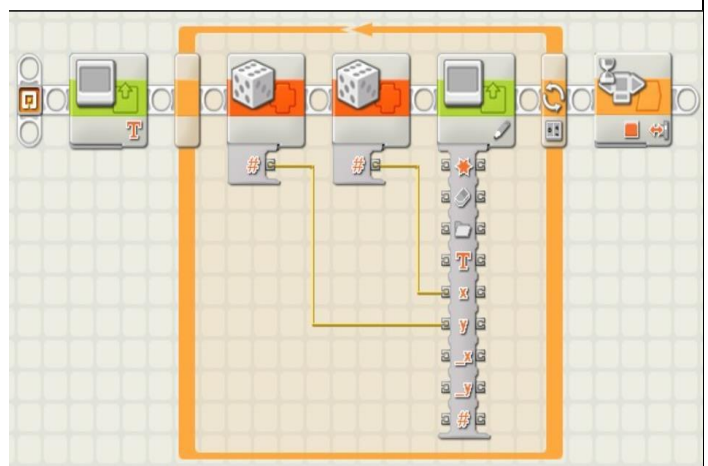
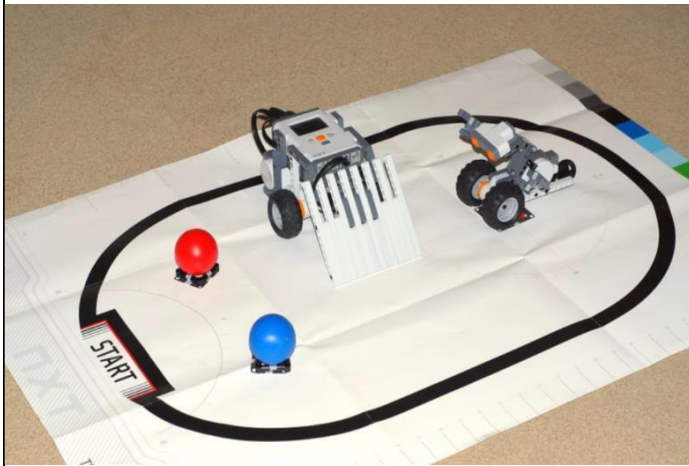
Description about what the society does: Our LEGO Play lab (our Society) is one of our 4 'labs' as part of our LEGO Lab programme here at LDEUTC. We have 4 labs as part of this new programme. LEGO Play is all about coming along to play! Create, Experiment, Prototype, Play and have fun! You can try out our Mindstorms EV3 or WeDo robotics or just build a big treehouse or a settlement on Mars! You can do free play or use the LEGO to do a class project, etc. Whatever you want to do, our LEGO Ambassadors will be around to support.

Details of suggested trips:  
We often get asked to represent LDE at the Bett show or other events, but this is also part of the Lab programme (feel free to ask questions as this will also soon be advertised).

<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Explore robotics</li> <li>○ Apply your interests and experiment</li> <li>○ Create something for fun or for your learning, or a project</li> </ul>	<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ Problem Solving</li> <li>○ Creativity</li> <li>○ Team spirit</li> <li>○ Organisation &amp; Responsibility</li> <li>○ Design thinking</li> </ul>
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<b>Society identity:</b>	
Suitable for:	All learners and all staff
No. of members	Maximum of 15
When	Fridays from 13:30- 15:30
Where	In the ground Floor Atrium
Equipment	Equipment will be provided
Cost	This society is free
Staff Lead:	Shafina Vohra – Lego Lead and Psychology Teacher

Society Name:	NXT Robotics Club	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



Description about what the society does:  
 This society provides learners with hands on experience building a simple programmable robot.

- Learners will demonstrate and apply multitude of skills and knowledge from many subject areas.
- To familiarize learners with the design process- from brainstorming, initial design, prototyping, testing, revising, to final production and competition.
- To allow learners to experience the perilous designer/builder interface.
- To spark learner’s interest in Science and Technology.

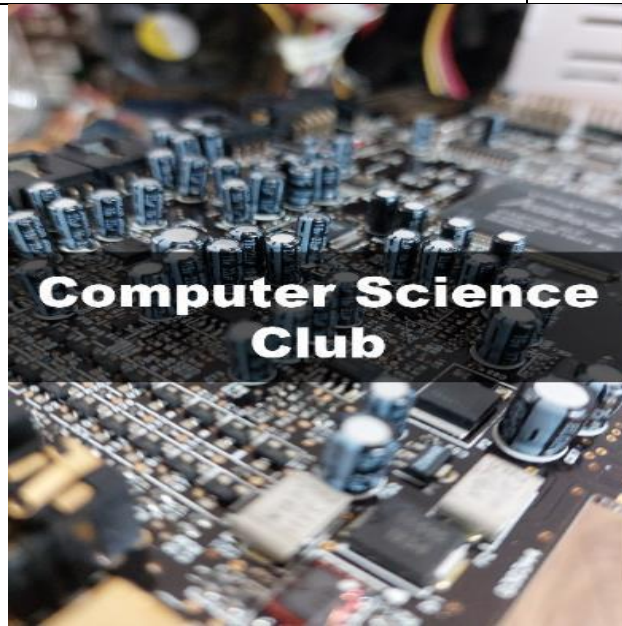
- Details of suggested trips:
- Tech fairs
  - EEP Robotics Challenge
  - BETT show
  - Design museum

Key Concepts	Skills and knowledge gained
<ul style="list-style-type: none"> <li>○ Numeracy</li> <li>○ British values</li> </ul>	<ul style="list-style-type: none"> <li>○ Critical thinking</li> <li>○ Creativity</li> <li>○ Research and organization</li> <li>○ Team building</li> </ul>

Society identity: Pin badge

Suitable for:	Years 9, 10 and 12
No. of members	Maximum of 5
When	Wednesdays from 16:00 – 17:00
Where:	In room 1.30
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	William Plange-Rhule – Curriculum Lead Technical

Society Name:	Computer Science Club	Type of Society	Academic	
			Skills & Knowledge.	x
			Wellbeing	



Description about what the society does:  
 Additional help for learners who struggle to understand certain concepts within Computer Science lessons.

Details of suggested trips:

<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Computational thinking</li> <li>○ Data analysis</li> <li>○ Computational methods</li> <li>○ Computational solutions</li> <li>○ Computational ethics</li> <li>○ Networks</li> </ul>	<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ Independent learning</li> <li>○ Collaboration</li> </ul>
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Society identity:

Suitable for:	All learners
No. of members	Maximum of 10
When	Wednesdays from 15:00- 16:00
Where:	In Room 1.02
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Uzma Afzal – Computing Teacher



Society Name:	<b>Advance Wood Working</b>	Type	Academic	
		of	Skills and knowledge	x
		Society	Wellbeing	



Description about what the society does:

This is a great hands-on society where members will learn how to design and create products made of wood. Wood working for many is a hobby that develops one's problem-solving skills and allows for the realisation of creative thinking in its physical form. We will take our inspiration from ancient design concepts that include the golden ratio and the magic Fi number.

Members will come away with the satisfaction of having made high quality products that will become heir looms from generation to generation.

Details of suggested trips:

- wood Veneer's factory
- Victoria and Albert Museum
- Design Museum

Key Concepts

- Design
- Material
- Tools
- Quality assurance

Skills and knowledge gained

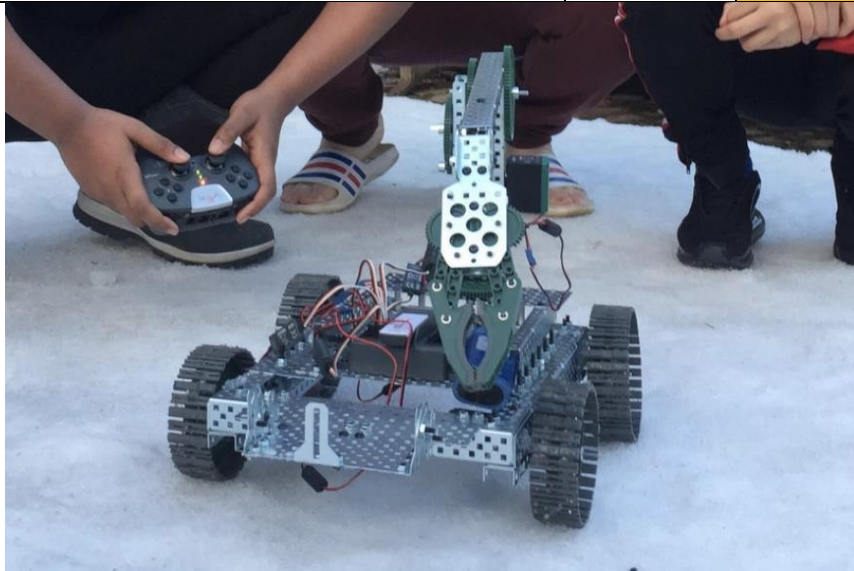
- Designing for need, how to satisfy your customer and understanding Form over Function
- Material properties, including changes of environment
- Tool identification, uses and limitations
- Skills for Manufacturing by hand
- Understanding acceptable tolerances for a quality feel and finish
- Making money from woodworking

Society identity:

- Lapel badge
- Secret greeting!

Suitable for	All learners and all staff
No. of members	Maximum of 10
When:	Thursdays from 15:00 – 17:00
Where:	In Room G.27
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Geoffrey Fowler – CEO and Principal

Society Name:	Ski Club	Type of Society	Academic	
			Skills and knowledge.	x
			Wellbeing	



**Description about what the society does:**  
 This society is part of our college Ski and Engineering challenge.  
 All members signed up for the ski trip will form groups and work each week towards finding a solution for the 2022 challenge which will be disclosed at the end of September.  
 You will develop your problem skills and learn new skills that could involve 3D printing, design, robotics, Lego etc

**Details of suggested trips:**  
 7 day trip to the ski resort of Nassfeld, Austria which includes 5 days of skiing.

<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Problem solving</li> <li>○ Group work</li> <li>○ Design</li> </ul>	<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ Develop a unique solution to a give engineering problem</li> <li>○ Understand materials that are suited to snowy conditions</li> <li>○ Develop skills in engineering design</li> <li>○ Leadership</li> <li>○ Critical thinking and creativity</li> </ul>
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**Society identity:**  
 Ski trip Hoodie

Suitable for	All year groups
No. of members	32
When	Thursdays from 15:00 – 17:00
Where:	In room 1:27
Equipment:	Equipment will be provided
Cost:	This society is for members who have already signed up and paid for the ski trip
Staff Lead:	Victoria Webb – Vice Principal and Mark Watson – Engineering Lead

Society Name:	Young Enterprise	Type of Society	Academic	
			Skills and knowledge.	x
			Wellbeing	



Description about what the society does:

Society Meets once a week to discuss and debate current issues within business including current news and developments. Students will be provided with a current news event involving a business scenario. We Will analyse the pros and cons of the event and possible business solutions.

Society will also include the opportunity to complete and receive guidance on coursework, assignments, exam help and homework.

Possible employer engagement via external businesses including guest speakers and mentoring is also a possibility.

Details of suggested trips:

Possible organised visits to relevant local businesses.

Key Concepts

- Business Law
- Business Growth
- Marketing and Promotion

Skills and knowledge gained

- Analysis
- Evaluation
- Identifying key concepts

Society identity:

Suitable for:	All learners
No. of members	Maximum of 10
When	Wednesdays and Thursdays from 15:00-16:00
Where:	In Room 1.03
Equipment:	Please bring a pen and paper
Cost:	This society is free
Staff Lead:	Mohammed Hafesji – Business Teacher

Society Name:	Prop Design	Type of Society	Academic	
			Skills and knowledge.	X
			Wellbeing	



Description about what the society does:

Creation of famous movie props using 3D design in the VRLAB and eventually use of the 3D printers.

Details of suggested trips:

Science Museum

Key Concepts

- 3D modelling

Skills and knowledge gained

- Replica recreation
- Visualisation
- 3D modelling

Society identity:

Suitable for:	All learners and all staff
No. of members	Maximum of 15
When	Wednesdays from 15:00 – 17:00
Where:	In the VR Lab 1.26
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	James Culley – Curriculum Lead- Digital

Society Name:	EPQ / Higher Catch up	Type of Society	Academic	
			Skills and knowledge.	X
			Wellbeing	
<p>Description about what the society does:</p> <p>An EPQ / Higher Projects Catch up club to allow a quiet supported time for those working on / completing their written projects.</p>				
<p>Details of suggested trips:</p>				
<p>Key Concepts</p> <ul style="list-style-type: none"> <li>○ Analysis</li> <li>○ Evaluation</li> </ul>		<p>Skills and knowledge gained</p> <ul style="list-style-type: none"> <li>○ Independent Working</li> <li>○ Evaluation and Improvement</li> </ul>		
<p>Society identity:</p>				
Suitable for:	All learners and all staff			
No. of members	Maximum of 12			
When	Thursdays from 15:00-17:00			
Where:	In Room TBC			
Equipment:	Please bring a laptop computer			
Cost:	This society is free			
Staff Lead:	James Culley – Curriculum Lead - Digital			

Society Name: Aviation Society	Aviation Society	Type of Society	Academic	
			Skills and knowledge	x
			Wellbeing	



**Description about what the society does:**  
 We are aiming to provide learners with the ability to improve their general knowledge of the aviation sector through the use of media and our own experience, as well as offering trips to bring this information to life.

**Details of suggested trips:** A trip to see London City airport, as well as trips to aviation museums.

- Key Concepts**
- To understand the current aviation climate
  - To discover new tech and its use in aviation
  - To integrate knowledge with real life experience

- Skills and knowledge gained**
- General knowledge of the aviation industry
  - Teamwork and cooperation
  - An understanding of the aviation workplace
  - An understanding of the basic principles of airline operation

**Society identity:**

Suitable for:	All learners and all staff
No. of members	Maximum of 16
When	Thursdays from 08:00-09:00
Where:	In room 1.01
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Ethan Comer – IASTI Trainer

Society Name:	Ten Pound Challenge	Type of Society	Academic	
			Skills and knowledge.	x
			Wellbeing	



Description about what the society does:

Society Meets once a week to try and plan to set up a business using ten pounds. The young people taking part in the 'Ten Pound Challenge' will be trying to start up a business in groups with just £10 capital and run it for a month. Potential ventures can range from pop-up restaurants, Market Stalls to bee-keeping.

The aim of the competition to encourage the development of employability skills to help pupils prepare for the next stage of education, training or for their future careers.

Details of suggested trips:

Possible organised visits to relevant local businesses including guest speakers, mentorship and lectures.

Key Concepts

- Innovation
- Planning and Pitching
- Research and Development
- Marketing

Skills and knowledge gained

- Identifying key concepts
- Analysis
- Evaluation

Society identity:

Suitable for:	All learners
No. of members	Maximum of 12
When	Wednesdays from 16:00-17:00
Where:	In Room 1.03
Equipment:	Please bring a pen and a laptop
Cost:	This society is free
Staff Lead:	Mr Mohammed Hafesji – Business Teacher

Society Name:	LDE Motorsports Team	Type of Society	Academic	
			Skills and knowledge	x
			Wellbeing	



**Description about what the society does:**

Equip you with the Knowledge and Skills to succeed in the motorsports sector. Great Britain has a proud history in Motorsports being coined as the home of Formula 1; as well as many great car brands. Our LDE Motorsports team has ties to the ABB FIA Formula E World Championship which competes locally at the Excel Centre. Members will design, build, and operate Racing Simulators. Learn and Analyse racing data. Engineer scale model vehicles. And get opportunities to interact with people in the industry.

**Details of suggested trips:**

**Key Concepts**

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**Skills and knowledge gained**

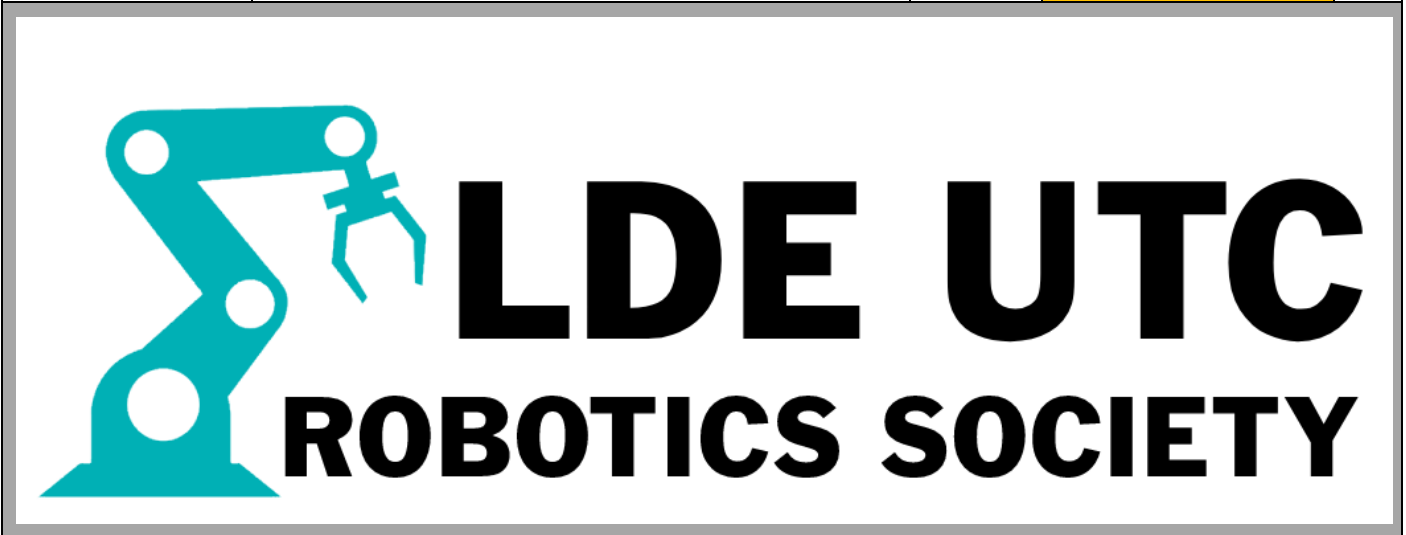
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Society identity: Clothing Merch

Suitable for:	All learners and all staff
No. of members	Maximum of 15
When	Fridays from 13:30 – 15:30
Where:	In Room 1.26
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Joshua Button - Senior IT Technician



Society Name:	Robotics	Type of Society	Academic	
			Skills & Knowledge	x
			Wellbeing	



Description about what the society does:  
Learn how to program robots!

Details of suggested trips:

Key Concepts	Skills and knowledge gained
<ul style="list-style-type: none"> <li>○</li> <li>○</li> <li>○</li> </ul>	<ul style="list-style-type: none"> <li>○</li> <li>○</li> <li>○</li> </ul>

Society identity: Clothing Merch

Suitable for	All learners and staff
No. of members	Maximum of 15
When	Wednesdays from 15:00- 17:00
Where	In Room G.01
Equipment:	Please bring a laptop
Cost:	This society is free
Staff Lead:	Joshua Button – Senior IT Technician

Society Name:	Here for All	Type of Society	Academic	
			Skills & knowledge	
			Wellbeing.	x



**Description about what the society does:**

- Explore equality diversity and inclusion
- Hold events for learners and contribute to them such as Black History Month, International women’s Day, Holocaust Memorial Day.
- Potential to complete a Level 2 qualification:  
[AQA | Programmes | Unit Award Scheme | unit details](#)

**Details of suggested trips:**

Jewish Museum                      Museum of London                      Exemplary places of equality diversity and inclusion practice

<b>Key Concepts</b> <ul style="list-style-type: none"> <li>○ Equality, diversity and inclusion</li> <li>○ Pro-social, social cohesion</li> <li>○ Co-creation</li> </ul>	<b>Skills and knowledge gained</b> <ul style="list-style-type: none"> <li>○ Understand and celebrate diversity examples</li> <li>○ Understand the Equality Act and its protected characteristics</li> <li>○ Understand areas of prejudice and stereotyping in society</li> <li>○ Deliver programmes in the college celebrating the diversity and attempt to include all members of the LDE community</li> </ul>
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Suitable for:	All learners and all staff
No. of members	Maximum of 20
When	Thursdays from 15:00 -17:00
Where:	In Room 3.30
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Sabrin Aman – Humanities Teacher

Society Name:	Accelerate- Citizens UK	Type of Society	Academic	
			Skills & Knowledge	
			Wellbeing.	x



**Description about what the society does:**

Accelerate is a leadership club that has been created to encourage young people to have their voices heard. The society is in collaboration with Citizens UK- one of the biggest community organising groups. Members are able to discuss social issues that are close to their heart and work together to find solutions to the problems they, and their community face.

**Details of suggested trips:**

**Key Concepts**

- Leadership
- Effective communication
- Power building
- Problem solving
- Activism


**Skills and knowledge gained**

- Learning how to build relationships in order to gain power
- Gaining the ability to use your voice to make change
- Having a space to talk about worldly issues and how it affects you and your community

**Society identity:**

Badge

Suitable for:	All learners and all staff
No. of members	Maximum of 8
When	Wednesday during learner lunchtimes
Where:	In Room 3.32
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Edward Badu – Chaplaincy team member

Society Name:	Knit and Natter	Type of Society	Academic	
			Skills & knowledge	
			Wellbeing.	x
				
<p>Description about what the society does: A social group to discuss what is going on in the world whilst learning to knit / crochet blankets/hats for babies.</p>				
<p>Details of suggested trips:</p>				
<p>Key Concepts</p> <ul style="list-style-type: none"> <li>○</li> <li>○</li> <li>○</li> </ul>	<p>Skills and knowledge gained</p> <ul style="list-style-type: none"> <li>○ Learn how to knit / crochet if not able to already</li> <li>○ To follow a pattern and instructions</li> <li>○ Ability to de stress and talk about things in a safe space</li> </ul>			
<p>Society identity: Pin</p>				
Suitable for:	All learners and all staff			
No. of members	Maximum of 165			
When	Thursdays from 15:00-17:00			
Where:	In Room 2.33			
Equipment:	Equipment will be provided			
Cost:	This society is free			
Staff Lead:	Gloria Gold – Vice Principal, Personal Development			

Society Name:	Rowing Club	Type of Society	Academic	
			Skills & Knowledge	
			Wellbeing.	x



Description about what the society does: The Rowing Club at LDE UTC is aimed at introducing learners to Rowing through weekly training sessions at College on Indoor Rowing machines and then progressing to water-based rowing in partnership with London Youth Rowing at Royal Albert Dock.

Details of suggested trips: Autumn/Winter term - National Junior Indoor Rowing Championships at the Copper Box and Spring/Summer term – Outdoor training on water at Royal Albert Dock with LYR

**Key Concepts**


- N/A
- 
- 

**Skills and knowledge gained**

- Indoor Rowing Skills
- Outdoor Rowing Skills
- Teamwork
- Communication

Society identity: The Rowing Club is a Sports/Social Club – ‘Per ardua’ (through adversity to the stars)

Suitable for:	Years 11, 12 & 13 and all staff
Number of members	Maximum of 30
When	Wednesdays from 15:00-17:00
Where:	In the main lecture hall
Equipment:	Please bring a sports kit, towel and water bottle
Cost:	This society is free
Staff Lead:	Jonny Morgan – Head of year 12

Society Name:	Health & Wellbeing Club	Type of Society	Academic	
			Skills & knowledge	
			Wellbeing.	x
				
<p>Description about what the society does:</p> <p>Couch to 5k running club to build learner fitness. Yoga and meditation. Breathing and mindfulness techniques.</p>				
<p>Details of suggested trips:</p>				
<p>Key Concepts</p> <ul style="list-style-type: none"> <li>○ Begin with intervals of running and walking</li> <li>○ Use the NHS App</li> </ul>	<p>Skills and knowledge gained</p> <ul style="list-style-type: none"> <li>○ Discipline</li> <li>○ Fitness</li> <li>○ Self-awareness</li> </ul>			
<p>Society identity:</p>				
Suitable for	All learners and all staff			
No. of members	Maximum of 12			
When	Thursdays from 15:00 – 16:00			
Where	Along the waterfront.			
Equipment	Trainers and a kit			
Cost	This society is free			
Staff Lead	Faeqa Khan – Maths teacher			

Society Name:	Fantastic Beasts and How to Make Them	Type of Society	Academic	
			Skills & knowledge.	x
			Wellbeing	
<h1>FANTASTIC BEASTS</h1> <p>AND HOW TO MAKE THEM SOCIETY</p>				
<p>Description about what the society does: Explore Digital 3D modelling and sculpting techniques to create creatures and characters. Apply creative, artistic and technical skills to build creatures from concept to final models. No creatures are harmed.</p>				
<p>Details of suggested trips: None</p>				
<p>Key Concepts</p> <ul style="list-style-type: none"> <li>○ Conceptualising</li> <li>○ Visualisation</li> <li>○ Forms, shapes textures colour.</li> </ul>		<p>Skills and knowledge gained</p> <ul style="list-style-type: none"> <li>○ Digital Modelling</li> <li>○ Digital Sculpting</li> <li>○ Digital Painting</li> </ul>		
<p>Society identity: <a href="#">Motivational Wristbands</a>:</p>				
Suitable for	All learners and all staff			
No. of members	Maximum of 12			
When	Tuesday to Friday from 08:30 – 09:30			
	Wednesdays from 15:00 -16:00			
	Fridays from 14:50 – 15:50			
Where	In room LRC – Learner Resource Centre			
Equipment:	Equipment will be provided			
Cost:	This society is free			
Staff Lead:	Sarwar Ahmed – Digital Media Teacher			

Society Name:	Virtual Reality Studios	Type of Society	Academic	
			Skills & knowledge	x
			Wellbeing	



Description about what the society does:  
 Learn how to design, program, and publish your own Virtual Reality and PC Games, or even make your own Android apps.

Details of suggested trips:

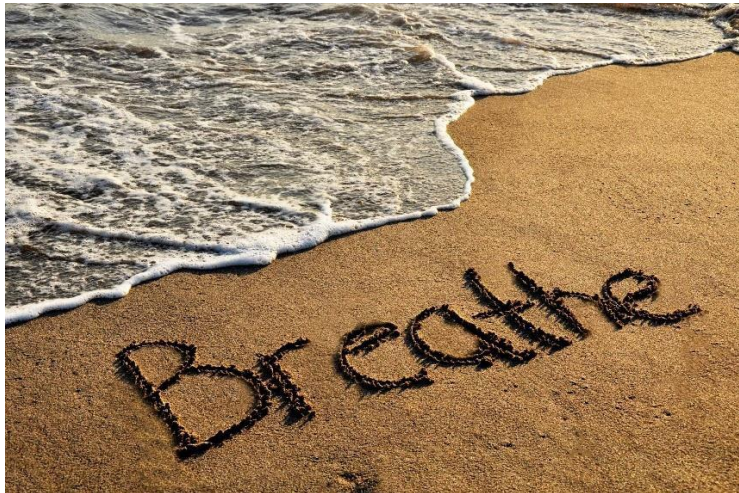
Key Concepts	Skills and knowledge gained
<ul style="list-style-type: none"> <li>○</li> <li>○</li> <li>○</li> </ul>	<ul style="list-style-type: none"> <li>○</li> <li>○</li> <li>○</li> <li>○</li> <li>○</li> </ul>

Society identity: Clothing Merch

Suitable for:	All learners and all staff
No. of members	Maximum of 20
When	Mondays from 15:00 – 17:00
Where	In Room 1.26
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Joshua Button – Senior IT Technician



Society Name:	Breathe	Type of Society	Academic	
			Skills & knowledge	
			Wellbeing.	x



**Description about what the society does:**

This society invites you to simply breathe and engage in mindfulness. When the day has been stressful, *Breathe* offers you the opportunity to come to a quiet place, sit or lie down, close your eyes and listen to the 15-minute guided session. This is meditation and mindfulness for any day, any mood, any mind, anyone. The session repeats, allowing you to attend on the hour, 20 past or 20 to.

**Details of suggested trips:**

Buddhist Centre in Bethnal Green  
London Centre for Mindfulness in Kennington

**Key Concepts**


- Mental health
- Stress management
- Mindfulness

**Skills and knowledge gained**

- Learn to manage your stress levels
- Develop resilience for daily functioning
- Become more in control of your emotions
- Reduce anxiety, address low mood and improve sleep patterns
- Improve mental, emotional and physical health – awareness training

Society identity: Pin badge

Suitable for:	All learners and all staff
No. of members	Maximum of 16
When	Thursdays from 16:00-17:00
Where:	In Room 3.22
Equipment:	Equipment will be provided
Cost:	This society is free
Staff Lead:	Jolanta Kutereba – EAL Lead

Society Name:	<b>Morning Running Club</b>	Type of Society	Academic	
			Skills & knowledge	
			Wellbeing.	x
				
<p>Description about what the society does:</p> <p>Aerobic exercise promoting fitness and stamina – improving both physical and mental health.</p>				
<p>Details of suggested trips:</p> <p>No trips</p>				
<p>Key Concepts</p> <ul style="list-style-type: none"> <li>○ Breathing techniques while running</li> <li>○ Different types of running</li> <li>○ Mindfulness – healthy thinking</li> </ul>		<p>Skills and knowledge gained</p> <ul style="list-style-type: none"> <li>○ Stamina building</li> <li>○ Increased mental health</li> <li>○ Heart health</li> <li>○ Fitness</li> <li>○ Aerobic exercise</li> </ul>		
<p>Society identity:</p>				
Suitable for:	All learners			
No. of members	Maximum of 10			
When	Tuesdays and Thursdays from 08:30 – 09:00			
Where:	Along the waterfront			
Equipment:	Please bring trainers and running clothes			
Cost:	This society is free			
Staff Lead:	Derek Jones – Engineering Teacher			

Society Name:	Yoga & Mindfulness Society	Type of Society	Academic	
			Skills & knowledge	
			Wellbeing.	x



**Description about what the society does:**

The society will introduce learners and staff to the practice of mindfulness through yoga and meditation.

Through deep breathing, mindful yoga movement and relaxation exercises, the society can serve as a release and safe space for young people and can become a place of peace away from the inevitable stress that they will face.

The exercises that we will practice will help to build strength, flexibility and calm the nervous system, bringing the body back into restful state and serving as a great self-management tool for anxiety and general life challenges.

Details of suggested trips: Not at present but possibility of arranging something in the future

**Key Concepts**

- Moving meditation
- Reduced anxiety and tension
- Physical wellbeing
- A safe space
- Inner peace

**Skills and knowledge gained**

- Mindfulness
- Breathe regulation
- Emotional Intelligence and Self-Regulation
- Imagination and Creativity
- Resilience
- Relaxation skills

Society identity: Secret Greeting

Suitable for:	All learners and all staff
No. of members	Maximum of 12
When	Fridays from 13:45-14:45
Where:	In room 3.32
Equipment:	Please bring comfortable clothing and a yoga mat if you have one
Cost:	This society is free
Staff Lead:	Chanel Edwards – Finance Officer