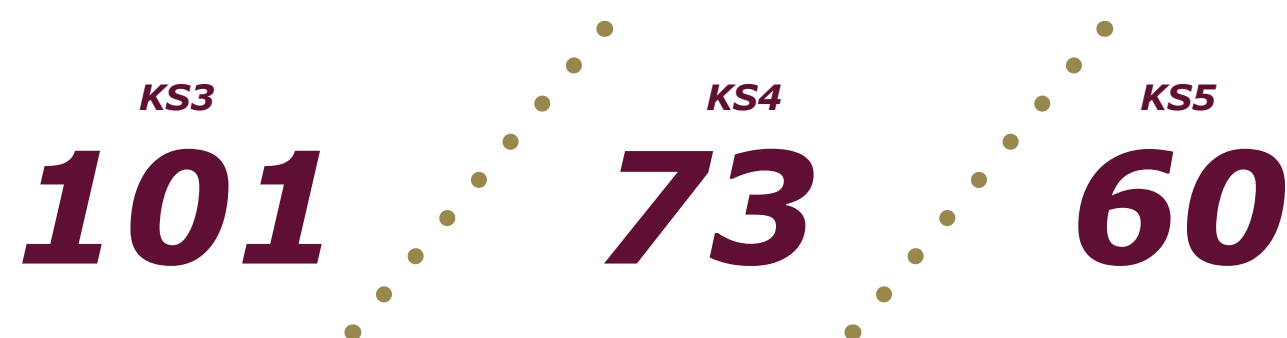


INTENT: Our 'Character Curriculum' is where we provide students with experiential learning outside of the classroom. We aim to offer range of options that provide a balance between learning more about themselves as individuals and challenge knowledge and skills already gained in other subject areas



" Barnhill's Character Curriculum runs parallel to our curriculum, offering students further opportunities: before school, at lunchtime and after school to further develop themselves as individuals. These clubs are across all subject disciplines and promote student growth, independence and individuality. "

Character Curriculum Clubs on Offer



" All Character Curriculum Clubs are free to students and are run by expert teachers. Students can attend as many clubs as they would like, and we encourage them to do so. The Character Curriculum allows students to further develop their passions, and teachers will challenge them to grow beyond the curriculum. "



Click to discover what's on offer for each year group









**All of our clubs encourage the development of student growth.
Continue reading to discover more about the clubs on offer at Barnhill**

An introduction from our Headteacher



"At Barnhill we believe strongly in the need for a rounded education. Our focus is jointly placed on our students achieving the best academic results and on building strong character. The Barnhill Character Curriculum educates our students to become active citizens who engage in British and the global society."

These are the six pillars of the character curriculum:

Student behaviour & attitudes	Student leadership & voice	Careers: CEIAG	Cultural capital	Citizenship & British Values	PSHE
					
All students are taught moral, social and ethical standards of behaviour. They are inspired to learn to become the best that they can be.	All students are active, confident thinkers and eloquent speakers. "Learning to use your voice. Using your voice to learn."	All students are taught the knowledge and skills to make confident and informed choices for their future education and careers in modern Britain.	All students are enriched and inspired through understanding and enjoying the very best that has been thought and said.	All students are taught the knowledge and skills to play a full and active part in British society.	All students are taught the knowledge, attitudes and practical skills to live healthy, safe, productive, fulfilled, capable and responsible lives.

Great academic outcomes open the doors to university places and employment. However, students need to develop great character to access those opportunities and most of all to enjoy them.

Partaking in clubs is an enjoyable and rewarding way to develop sporting and mental skills. Students can learn new skills, become better at existing ones and even teach their fellow students. At Barnhill we ask that all students partake in a number of clubs to develop great strengths of Barnhill character."

**Year 7
Character Curriculum
Clubs**

	Before School	Lunchtime	After School
	7:30-8:00	12:10-12:50	14:50-15:50
Monday	Maths Breakfast Club Dr Liadi F58	Year 7 Creative Art Club Ms Mansell	Historical Film/Documentary Club Mr Khan S01
	Breakfast Club Mr Pilkington G100	Parlez-vous Français - French Club Ms Abelard F55	KS3 STEM Club F85, F89 & G84
		Hablas español? - Spanish Club Ms Cruz-Aguilera F70	Just Dance - Dance Club Miss Bhandari Dance Studio
		Keyboard Club - Music Mr Taylor F48 - Week B only	Whiz Bang Pop - Science Club Mr Babber G92 - Week A
		Reading Club Ms Siddique Library	Hegarty Maths Club Dr Liadi F58
		Board Game Club Mrs Martincevic G20 - Everyday	Table Tennis Mr Shepherd Assembly Hall
		Creative Writing Club HMI F14 - Week B	Year 7 Boys & Girls Football Mr Reid & Mr Hillman Astro
Tuesday	Maths Breakfast Club Dr Liadi F58	Barnhill Geographical Society Mr Boon S25	How It's Made - DT Club Mrs Clark G108
	Basketball Club Mr Edwards Sports Hall	Dissection/Anatomy Club Miss Kaur F29	Trampolining Club Mrs Parsons & Miss Dale Assembly Hall
	KS4 Music Theory Club - KS3 Break Mr Taylor F48	Creative Writing Club HMI F14 - Week A	Rugby Club Mr Shepherd Rugby Fields
	Breakfast Club Mr Pilkington G100	Theatre Club FAL F01 - Week A only	Badminton Club Mr Clyde Sports Hall
		Debate Club Miss Mcgrath F24	
		Music Tech - Music Club Mr Taylor & Mr Jones F44	
Wednesday	Maths Breakfast Club Dr Liadi F58		Netball Mrs Parsons & Miss Dale Cage
	Girls Fitness Miss Dale Gym	Textiles Club Mrs Arjoon G100	Rock Band - Music Club Mr Taylor & Mr Jones F44
		Keyboard Club - Music Mr Taylor F48 - Week A only	
Thursday	Maths Breakfast Club Dr Liadi F58		
	Boys Fitness Mr Zaoudi Gym	Reading Club Ms Siddique Library	
Friday	Maths Breakfast Club Dr Liadi F58	Classics Club Mrs Petsopoulou F07	Dodgeball Mrs Parsons Sports Hall
	Breakfast Club Mr Pilkington G100	Barnhill Buskers - Music Club Mr Taylor F48	Chess Club Dr Liadi F58
		Barnhill Actors Society - Drama Mr Pilkington F53 - Week A	

Respect

Wisdom

**Further details of all
clubs can be found
here**

Aspiration
Community

**Year 8
Character Curriculum
Clubs**

	Before School	Lunchtime	After School
	7:30-8:00	12:10-12:50	14:50-15:50
Monday	Maths Breakfast Club Dr Liadi F58	Year 8 Creative Art Club Ms Mansell	Historical Film/Documentary Club Mr Khan S01
	Breakfast Club Mr Pilkington G100	Parlez-vous Français - French Club Ms Abelard F55	KS3 STEM Club F85, F89 & G84
		Hablas español? - Spanish Club Ms Cruz-Aguilera F70	Just Dance - Dance Club Miss Bhandari Dance Studio
		Keyboard Club - Music Mr Taylor F48 - Week B only	Whiz Bang Pop - Science Club Mr Babber G92 - Week A
		Reading Club Ms Siddique Library	Hegarty Maths Club
		Board Game Club Mrs Martincevic G20 - Every day	Table Tennis Mr Shepherd Assembly Hall
		Creative Writing Club HMI F14 - Week B	
Tuesday	Maths Breakfast Club Dr Liadi F58	Barnhill Geographical Society Mr Boon S25	How Its' Made - DT Club Mrs Clark G108
	Basketball Club Mr Edwards Sports Hall	Dissection/Anatomy Club Miss Kaur F29	Trampolining Club Mrs Parsons & Miss Dale Assembly Hall
	Music Theory Club Mr Taylor F48	Creative Writing Club HMI F14 - Week A	Rugby Club Mr Shepherd Rugby Fields
	Breakfast Club Mr Pilkington G100	Theatre Club FAL F01 - Week A only	Badminton Club Mr Clyde Sports Hall
		Debate Club Miss McGrath F24	Boys & Girls Football Mr Zaoudi & Mr Hillman Astro
		Music Tech - Music Club Mr Taylor & Mr Jones F48	
Wednesday	Maths Breakfast Club Dr Liadi F58	Textiles Club Mrs Arjoon G100	Netball Mrs Parsons & Miss Dale Cage
	Girls Fitness Miss Dale Gym	Sport & Games Mr Reid Sports Hall	Rock Band - Music Club Mr Taylor & Mr Jones F44
		Keyboard Club - Music Mr Taylor F48 - Week A only	
Thursday	Maths Breakfast Club Dr Liadi F58	Reading Club Ms Siddique Library	
	Boys Fitness Mr Zaoudi Gym		
Friday	Maths Breakfast Club Dr Liadi F58	Classics Club Mrs Petsopoulou F07	Dodgeball Mrs Parsons Sports Hall
	Breakfast Club Mr Pilkington G100	Barnhill Buskers - Music Club Mr Taylor F48	Chess Club Dr Liadi F58
	KS3 Choir - Music Club Mr Jones F44	Barnhill Actors Society - Drama Mr Pilkington F53 - Week A	

Respect

Wisdom

***Further details of all
clubs can be found
here***

*Aspiration
Community*

	Before School	Lunchtime	After School
	7:30-8:00	12:10-12:50	14:50-15:50
Monday	Maths Breakfast Club Dr Liadi F58	Parlez-vous Français - French Club Ms Abelard F55	Historical Film/Documentary Club Mr Khan S01
	Breakfast Club Mr Pilkington G100	Hablas español? - Spanish Club Ms Cruz-Aguilera F70	KS3 STEM Club F85, F89 & G84
		Keyboard Club - Music Mr Taylor F48 - Week B only	Just Dance - Dance Club Miss Bhandari Dance Studio
		Reading Club Ms Siddique Library	Whiz Bang Pop - Science Club Mr Babber G92 - Week A
		Board Game Club Mrs Martincevic G20 - Every day	Hegarty Maths Club
		Creative Writing Club HMI F14 - Week B	Table Tennis Mr Shepherd Assembly Hall
Tuesday	Maths Breakfast Club Dr Liadi F58	Barnhill Geographical Society Mr Boon S25	How It's Made - DT Club Mrs Clark G108
	Basketball Club Mr Edwards Sports Hall	Dissection/Anatomy Club Miss Kaur F29	Trampolining Club Mrs Parsons & Miss Dale Assembly Hall
	KS4 Music Theory Club - KS3 Break Mr Taylor F48	Creative Writing Club HMI F14 - Week A	Rugby Club Mr Shepherd Rugby Fields
	Breakfast Club Mr Pilkington G100	Theatre Club FAL F01 - Week A only	Badminton Club Mr Clyde Sports Hall
		Debate Club Miss McGrath F24	
Wednesday	Maths Breakfast Club Dr Liadi F58	Textiles Club Mrs Arjoon G100	Netball Mrs Parsons & Miss Dale Cage
	Girls Fitness Miss Dale Gym	Keyboard Club - Music Mr Taylor F48 - Week A only	Rock Band - Music Club Mr Taylor & Mr Jones F44
Thursday	Maths Breakfast Club Dr Liadi F58	Coding Club - Computing Ms Limban G	
	Boys Fitness Mr Zaoudi Gym		
Friday	Maths Breakfast Club Dr Liadi F58	Classics Club Mrs Petsopoulou F07	Dodgeball Mrs Parsons Sports Hall
	Breakfast Club Mr Pilkington G100	Barnhill Buskers - Music Club Mr Taylor F48	Chess Club Dr Liadi F58
		Barnhill Actors Society - Drama Mr Pilkington F53 - Week A	
		KS3 Choir - Music Club Mr Jones F44	

**Year 10
Character Curriculum
Clubs**

	Before School	Lunchtime	After School
	7:30-8:00	13:10-13:50	14:50-15:50
Monday	Maths Breakfast Club Dr Liadi F58	Science Masterminds Mr Macauley G90	Historical Film/Documentary Club Mr Khan S01
	Breakfast Club Mr Pilkington G100	Hegarthys Maths Club F58	Art Club Miss Balcomb F
		Reading Club Mr Gardener Library	
		Keyboard Club - Music Mr Taylor F48	Table Tennis Mr Shepard Assembly Hall
Tuesday	Maths Breakfast Club Dr Liadi F58	Barnhill Geographical Society Mr Boon S25	How Its Made - DT Club Mrs Clark G108
	Music Theory Club Mr Taylor F48	Dissection/Anatomy Club F29	Trampolining Club Mrs Parsons & Miss Dale Assembly Hall
	Breakfast Club Mr Pilkington G100	Debate Club Mr Yates F05	Rugby Club Mr Shepherd Rugby Fields
		Recreational Volleyball Club Mr Reid Sportshall	Volleyball Club Mr Reid Sports Hall
		Psychology & Sociology Debate Ms Calaça & Ms Love S14 - Week B	Badminton Club Mr Clyde Sports Hall
Wednesday	Maths Breakfast Club Dr Liadi F58	Reach for the stars - Science club G86	Netball Mrs Parsons & Miss Dale Cage
	Breakfast Club Mr Pilkington G100	Reading Club Mr Gardener Library	Basketball Mr Edwards Sports Hall
	Girls Fitness Miss Dale Gym	Photography Club Miss Balcomb F	Rock Band - Music Club Mr Taylor & Mr Jones F44
Thursday	Maths Breakfast Club Dr Liadi F58	Reading Club Mr Gardener Library	Food Skills - Food Tech Club Miss Luke G99
	Boys Fitness Mr Zaoudi Gym		
Friday	Maths Breakfast Club Dr Liadi F58	The Boardroom - Business Club Mr Church G66 - Week A	Dodgeball Mrs Parsons Sports Hall
	Breakfast Club Mr Pilkington G100	Barnhill Actors Society - Drama Mr Pilkington F53 - Week B	Boys Football Mr Clyde & Mr Zaoudi Astro
		Classics Club Mrs Petsopoulou F07 - Week B	Chess Club Dr Liadi F58
			Basketball Mr Reid Sports Hall

**Further details of all
clubs can be found
here**

**Year 11
Character Curriculum
Clubs**

	Before School	Lunchtime	After School
	7:30-8:00	13:10-13:50	14:50-15:50
Monday	Maths Breakfast Club Dr Liadi F58	Science Masterminds Mr Macauley G90	Historical Film/Documentary Club Mr Khan S01
	Breakfast Club Mr Pilkington G100	Hegarty Maths Club F58	Art Club Miss Balcomb F
		Keyboard Club - Music Mr Taylor F48	Table Tennis Mr Shepherd Assembly Hall
Tuesday	Maths Breakfast Club Dr Liadi F58	Barnhill Geographical Society Mr Boon S25	How It's Made - DT Club Mrs Clark G108
	Music Theory Club Mr Taylor F48	Dissection/Anatomy Club F29	Trampolining Club Mrs Parsons & Miss Dale Assembly Hall
	Breakfast Club Mr Pilkington G100	Debate Club Mr Yates F05	Rugby Club Mr Shepherd Rugby Fields
		Recreational Volleyball Club Mr Reid Sports Hall	Volleyball Club Mr Reid Sports Hall
			Badminton Club Mr Clyde Sports Hall
Wednesday	Maths Breakfast Club Dr Liadi F58	Reach for the stars - Science club G86	Netball Mrs Parsons & Miss Dale Cage
	Girls Fitness Miss Dale Gym	Photography Club Miss Balcomb F	Rock Band - Music Club Mr Taylor & Mr Jones F44
Thursday	Maths Breakfast Club Dr Liadi F58	Reading Club Mr Gardener Library	Food Skills - Food Tech Club Miss Luke G99
	Boys Fitness Mr Zaoudi Gym		
Friday	Maths Breakfast Club Dr Liadi F58	The Boardroom - Business Club Mr Church G66 - Week A	Dodgeball Mrs Parsons Sports Hall
	Breakfast Club Mr Pilkington G100	Barnhill Actors Society - Drama Mr Pilkington F53 - Week B	Boys Football Mr Clyde & Mr Zaoudi Astro
		Science Magazine Miss Kaur F79	Chess Club Dr Liadi F58
		Classics Club Mrs Petsopoulou F07 - Week B	Basketball Mr Reid Sports Hall

**Further details of all
clubs can be found
here**

	Before School	Lunchtime	After School
	7:30-8:00	13:10-13:50	14:50-15:50
Monday	Maths Breakfast Club Dr Liadi F58	Science Masterminds Mr Macauley G90	Historical Film/Documentary Club Mr Khan S01
	Breakfast Club Mr Pilkington G100	Hegarty Maths Club F58	Art Club Miss Balcomb F
		Keyboard Club - Music Mr Taylor F48 - Week B	Table Tennis Mr Shepherd Assembly Hall
Tuesday	Maths Breakfast Club Dr Liadi F58	Barnhill Geographical Society Mr Boon S25	How Its Made - DT Club Mrs Clark G108
	Music Theory Club Mr Taylor F48	Debate Club Mr Yates F05	Trampolining Club Ms Macbride & Miss Dale Assembly Hall
	Breakfast Club Mr Pilkington G100	Reading Club Mr Gardener Library	Rugby Club Mr Shepherd Rugby Fields
			Volleyball Club Mr Reid Sports Hall
			Badminton Club Mr Clyde Sports Hall
Wednesday	Maths Breakfast Club Dr Liadi F58	Reading Club Mr Gardener Library	Netball Ms Macbride & Miss Dale Cage
	Breakfast Club Mr Pilkington G100		Basketball Mr Edwards Sports Hall
	Girls Fitness Miss Dale Gym		Rock Band - Music Club Mr Taylor & Mr Jones F44
Thursday	Maths Breakfast Club Dr Liadi F58	Reading Club Mr Gardener Library	Food Skills - Food Tech Club Miss Luke G99
	Boys Fitness Mr Zaoudi Gym		
Friday	Maths Breakfast Club Dr Liadi F58	The Boardroom - Business Club Mr Church G66 - Week A	Dodgeball Ms Macbride Sports Hall
	Breakfast Club Mr Pilkington G100	Barnhill Actors Society - Drama Mr Pilkington F53 - Week B	Boys Football Mr Clyde & Mr Zaoudi Astro
		Science Magazine Miss Kaur F79	Chess Club Dr Liadi F58
		Classics Club Mrs Petsopoulou F07 - Week B	Basketball Mr Reid Sports Hall

*Further details of all
clubs can be found
here*

Character Curriculum Clubs Further Information

Respect

Wisdom

***B**usiness Studies Character Curriculum*



Aspiration

Community

Character Curriculum Clubs Further Information

Respect

Wisdom

Business Studies Clubs

The Boardroom

Student Growth



- *The Boardroom club offers students the skills to become the next Alan Sugar.*
- *Students will learn how a business is run and how people become successful in the business world.*
- *Students will leave with ideas to create a business start-up.*

- *This is an opportunity to gain an in-depth insight into the way businesses operate.*
- *Students will develop their **teamwork** and **leadership skills** by helping each other become **competent researchers** and further developing their **creativity and thinking**.*
- *Students will develop their **analytical skills** and will need to be **self-motivated** in order to ensure success.*

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Character Curriculum Further Information

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Creative Design Character Curriculum



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Character Curriculum Further Information

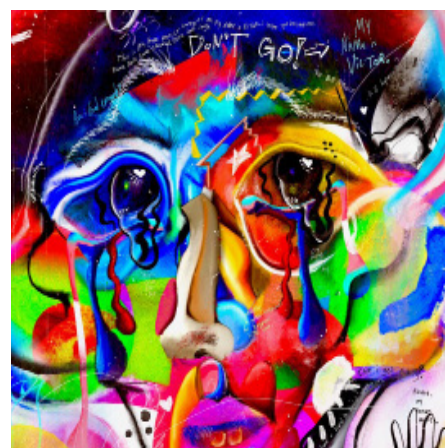
Respect

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Creative Design Clubs

The Art Club

Student Growth



- The Art Club is a great place to explore your personal interest in art and experiment using a range of art tools and materials.
- The Art Club offers students the opportunity to develop existing skills as well as learning new and exciting techniques.
- The Art Club is the perfect place to be if you just want more art in your life!

- Students will be able to **creatively** challenge themselves, building upon existing **confidence**.
- This opportunity requires high levels of **patience**, **imagination** and **bravery**.
- Students must be analytical to show **understanding** of the process and methods involved, **think critically** while planning, and show **resilience** and engagement.

Photography Club

Student Growth



- Photography club is ideal for those wishing to take a shot and develop (puns intended!) their understanding and appreciation of photography.
- Students will gain experience and hone their skills and learn what makes a perfect photograph from composition to artistic expression.

- Students will be **creatively** challenged to build upon existing **confidence**.
- This opportunity will improve **practical photography skills**.
- Students must be analytical to show **understanding** of the process and methods involved.

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Character Curriculum Further Information

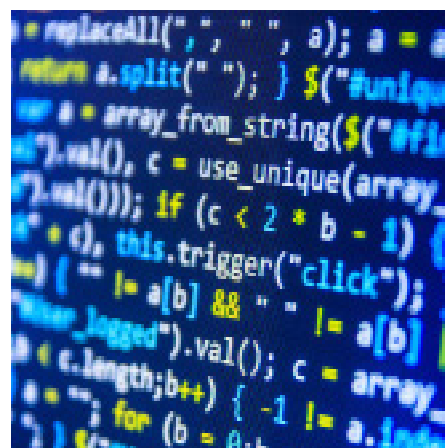
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Creative Design Clubs

Coding Club

Student Growth



- The aim of the Coding club is to engage children in Computer Science and allow them to gain a practical understanding of basic coding.
- Using computers and tablets, students learn to write and sequence instructions using drag and drop programming and basic JavaScript.

- Students will be challenged to develop their key skills in **computational thinking** and **logic** through **creativity**, media and technology.
- This club demands a high degree of **ambition**, **confidence** and **risk taking**

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Character Curriculum Further Information

Respect

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English Character Curriculum



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Character Curriculum Further Information

Respect

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English Clubs

Creative Writing Club

Student Growth



- *Maya Angelou wrote, "There is no greater agony than bearing an untold story inside you." The Creative Writing Club allows you to let this untold story unfold.*
- *The Creative Writing Club brings together students of all writing abilities who are interested in creating fiction, nonfiction, scripts, and/or poetry.*
- *It provides a collaborative workspace for members to write, share ideas, and provide feedback on each others work.*

- *The students will be able to **creatively** challenge themselves, building upon existing **confidence**.*
- *Students will need to be **imaginative** and **creative** while writing for different genres, crafting characters and landscapes.*
- ***Perseverance** will be rewarded as students look to combine collections of their work into their own book.*

Debate Club

Student Growth



- *Debate club gives students of all abilities a fun way of developing their oracy skills. Teachers use different activities to help students with their critical thinking and to speak confidently. Students will learn how to reason and structure an argument.*
- *The club also helps students to become more informed about political and global affairs. This allows students to think critically about key events in today's modern society.*

- *Students will be able to practice and demonstrate their **critical thinking skills** and to discuss social and political topics competently.*
- *This opportunity will help sharpen **communication skills** by actively encouraging students to listen to opposing views.*

They will broaden and deepen their reasoning and communication skills and ability to build an argument.

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Character Curriculum Further Information

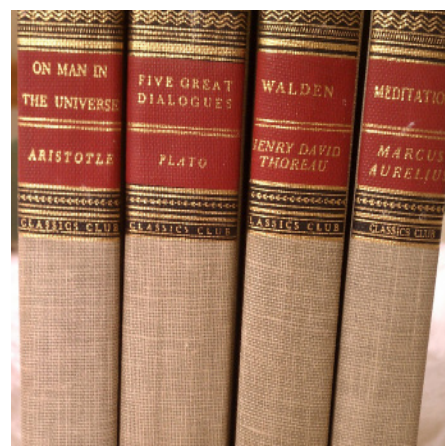
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Wisdom

English Clubs

Classics

Student Growth



- *Ideal for those with an interest in the ancient Latin and Greek world and the influence of ancient culture on modern life.*
- *Classic's Club explores Greek and Roman Civilisation, including their lifestyle, customs and language.*
- *This club is open to all abilities*

- *Students will be able to practice and demonstrate their **critical thinking** skills and discuss ancient social and political topics competently.*
- *Classics will help sharpen **comprehension** skills by actively encouraging students to develop an **understanding** of different cultures and history.*
- *They will broaden and deepen their **reasoning** and **communication** skills whilst demonstrating **teamwork**.*

Theatre Club

Student Growth



- *Do you have a passion for theatre? Are you looking to extend your English literature understanding?*
- *Theatre club gives students access to the world's finest theatre productions from the comfort of the classroom.*
- *Experienced staff will assist to develop the understanding of the concepts of the stage and dramatisation.*

- *The students will be able to **creatively challenge** themselves, building upon existing **confidence**.*
- *Students will be challenged to think critically while **analysing** the different performances, and further develop their **understanding** of theatre.*

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Character Curriculum Further Information

Respect

Wisdom

Humanities *Character Curriculum*



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Character Curriculum Further Information

Respect

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Humanities Clubs

Historical Documentary Club

Student Growth



- Do you have an interest in History? Or wondered how different battles have influenced modern life?
- Members of the History Club will share their love of History, promote historical discussion, debunk historical myths and have fun in the process.
- The aim to enrich and enhance historical understanding

- Students will be able to practice and demonstrate their **critical thinking** skills and discuss the impact of historical events.
- The Historical Documentary Club will actively encourage students to develop an **appreciation** of the past.
- They will broaden and deepen their **reasoning** and **communication** skills whilst demonstrating **teamwork**.

Barnhill Geographical Society

Student Growth



- The Barnhill Geographical Society will facilitate students to apply the geographical skills learned in the classroom to real-world scenarios.
- Knowledge and skills will be gained through activities such as Map reading, surveying, interactive travel exercises and exploring the issue of sustainability.
- Students will have the opportunity to gain a qualification in sustainability through an online course.

- As part of the Barnhill Geographical Society, students will use and develop their **investigative, analytical, and critical thinking** skills.
- Students will develop a **critical understanding** of sustainability while developing their **planning** and **organisation** skills.

Aspiration
Community

Social Science Character Curriculum



Character Curriculum Further Information

Respect

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Social Science Clubs

Current Affairs Debate Club

Student Growth



- *Debate club gives students of all abilities a fun way of developing their oracy skills. Teachers use different activities to help students with their critical thinking and confident communication. Students will learn how to reason and structure an argument.*
- *The club also helps students to become more informed about political and global affairs. This allows students to think critically about key events in today's modern society.*

- *Students will be able to practice and demonstrate their **critical thinking** skills and to discuss social and political topics competently.*
- *Students will broaden and deepen thier reasoning and communication skills.*
- *Students will develop skills and strategies to build arguments and challenge opposing views constructively whilst also demonstrating **teamwork**.*

Aspiration

Community

$$\frac{1}{2\pi} \frac{\Delta \lambda}{\lambda} = \frac{\lambda_2 - \lambda_1}{\lambda} S_2 \quad V = c/\lambda \quad \Phi = \frac{\mu_0 I_1 I_2}{2\pi d} \ell$$

$$k = \frac{2\pi}{\lambda_1} \quad \kappa = \sqrt{\frac{m_2}{\kappa_2}} \quad \vec{F}_m = \vec{B} I \ell = \frac{\mu_0 I_1 I_2}{2\pi d} \ell$$

$$L = \frac{U_m}{I_m} = \omega L = 2\pi f L \quad F = \frac{m_1 m_2}{r^2} \quad \mathcal{E} = \frac{M_m}{N_A}$$

$$-V_0/T = \frac{4 n_1 n_2}{(n_2 + n_1)^2} \quad g = \frac{c}{T} \quad k = \pm \sqrt{\frac{2m}{\hbar^2} (E - V_0)}$$

$$E = \frac{E_c}{q} \int_0^{+a/L} \sin(\omega t + \phi) dy$$

$$I = \frac{U_e}{R + R_i} \quad 2 \quad \frac{\sin \alpha}{\sin \beta} = \frac{v_1}{v_2} + \frac{nv_2}{nv_1} \quad v = \frac{1}{\sqrt{\epsilon \cdot \mu}} = \frac{c}{\sqrt{\epsilon \cdot \mu}}$$

$$\beta = \frac{\Delta I_c \phi_c}{\Delta t} = \frac{\Delta E}{\Delta t} \quad \frac{m_1}{x} + \frac{m_2}{x'} = \frac{m_2 - m_1}{r}$$

$$\vec{B}) \quad \Delta I_B \quad \oint \vec{D} d\vec{S} = Q$$

$$pc = \frac{1 \text{ AU}}{r} \quad S \quad R = \frac{U}{I} \quad F_v = \int \frac{F_n}{R}$$

$$M = F d \cos \alpha \quad S I_m^2 = U_m^2 \left[\frac{1}{\alpha^2} + \left(\frac{1}{\nu} - \frac{1}{\nu'} \right)^2 \right] \lambda^* T = b$$

Character Curriculum Further Information

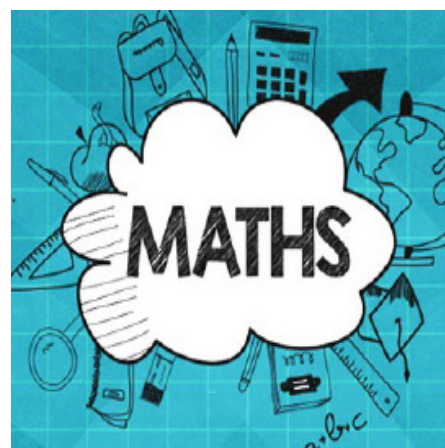
Respect

Wisdom

Maths Clubs

Maths Breakfast Club

Student Growth



- Do you have aspire to become the next great mathematician?
- This club offers the opportunity to further develop mathematical skills through a combination of challenges and self-study.

- Students will enhance their **analytical, reasoning** and **mathematical** skills.
- Students will develop **resilience, understanding** and **criticality** as they are challenged to solve innovative and exciting maths problems and scenarios.

Hegarty Maths Club

Student Growth



- Hegarty Maths Club aims to develop mathematics understanding. Students are supported by experienced staff as well as the incredible learning programme, Hegarty Maths.
- The club has been carefully designed and structured to support students' understanding through short videos and quizzes for almost every topic.

- Students will develop their **analytical, reasoning** and **mathematical confidence** skills.
- Students will develop **resilience, understanding** and **criticality** as they are challnmegeed to solve and respond to a range opf magthematical problems and scenarios.

Character Curriculum Further Information

Respect

Wisdom

Maths Clubs

Chess Club

Student Growth



- *Test your powers of logic and critical thinking with arguably the greatest game ever invented by humanity.*
- *Chess Club helps develop many valuable mental skills such as logic, strategic and tactical thinking, planning and preparation and problem-solving.*
- *Chess Club provides an opportunity to have fun playing the game and making friendships while simultaneously building a range of skills.*

- *The students will be able to **creatively** challenge themselves, building upon existing **confidence**.*
- *This opportunity requires high levels of **patience** and **bravery**.*
- *Students must be analytical to show **understanding** of the game, **think critically** while planning, and show **resilience** and engagement. All while **developing logic, strategic and tactical thinking, planning and preparation, and problem-solving**.*

Character Curriculum Club Further Information

Respect

Wisdom

M ***Modern Foreign Languages Character Curriculum***



Aspiration

Community

Character Curriculum Further Information

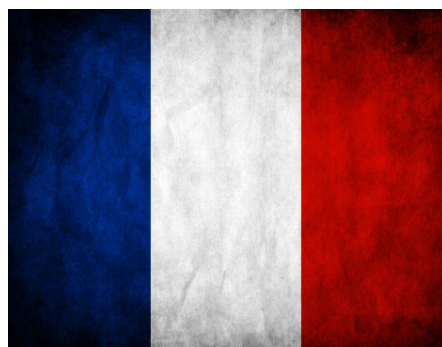
Respect

Wisdom

Modern Foreign Languages Clubs

Parlez-vous Français - French Club

Student Growth



- Students will increase knowledge and confidence in written and oral skills.
- This opportunity requires high levels of **patience** and **bravery**.
- Students must be analytical to show **understanding** of the language, **think critically** and show **resilience** and engagement.

Hablas español? - Spanish Club

Student Growth



- Students will increase knowledge and confidence in written and oral skills.
- This opportunity requires high levels of **patience** and **bravery**.
- Students must be analytical to show **understanding** of the language, **think critically** and show **resilience** and engagement.

Aspiration
Community

Character Curriculum Further Information

Respect

Wisdom

***P*erforming Arts Character Curriculum**



*Aspiration
Community*

Character Curriculum Clubs Further Information

Respect

Wisdom

Performing Arts Clubs

Just Dance - Dance Club

Student Growth



- *Dance is a way to express one's emotions in a fun way.*
- *The Just Dance Club offers the opportunity to develop dance ability.*
- *The Just Dance Club believes that anybody can dance; all you need is the desire to dance.*

- *The Just Dance Club enables students to display an **understanding of expressions** and rhythm.*
- *It helps them in developing a **multifaceted physicality** by way of providing training in various dance techniques*

Barnhill Actors Society - Drama

Student Growth



- *The Barnhill Actors Society is dedicated to bringing the joy and power of Drama to students by providing high-quality dramatic programming at the beginner and intermediate levels.*
- *It pledges to offer participants the chance to experience the excitement and rewards of theatre arts while developing poise, social skills, confidence and teamwork.*

- *Students will work through masterclasses to rehearse and develop their **performance skills** culminating in the delivery of a live performance.*
- ***Listening skills, performance skills, collaboration, resilience, and bravery** are at the heart of this opportunity, providing the students with rich performance arts training.*

Aspiration
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Character Curriculum Club

Further Information

Respect

Wisdom

Performing Arts Clubs

Keyboard Club

Student Growth



- Do you have the desire to learn a new instrument?
- The Club offers students the opportunity to learn how to play the keyboard or enhance existing skills.
- Personalised support is provided to ensure everyone makes progress.

- Students will endeavour to **rehearse** and **stretch** themselves within a musical context, learning new pieces towards a public performance.
- **Listening** skills will be critical for students to work harmoniously within the ensemble.
- Beyond music, this experience should leave students feeling more **confident**, **resilient** and **brave**.

Rock Band

Student Growth



- The Rock Band offers students at the beginning, intermediate and advanced levels to develop their knowledge and skills with instruments such as drums, electric and acoustic guitar, bass and vocals.
- Students with no experience are welcome to jump on the 'band wagon'!

- Students will endeavour to **rehearse** and **stretch** themselves within a musical context, learning new pieces towards a public performance.
- **Listening** skills will be critical for students to work harmoniously within the ensemble.
- Beyond music, this experience should leave students feeling more **confident**, **resilient** and **brave**.

Aspiration
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Character Curriculum Clubs Further Information

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Performing Arts Clubs

Music theory

Student Growth



- Are you looking to take Music GCSE in the future?
- Do you want to know about how the music industry works outside of playing an instrument?
- The aim of this club is to increase knowledge and understanding of Music beyond playing an instrument.

- By the end of this opportunity, students will have enriched their **vocabulary**, building on existing schemes using an interactive and competitive platform.
- This opportunity requires high levels of **resilience**, **self-motivation**, **engagement** and **metacognition**.

KS3 Choir

Student Growth



- Do you love to sing in a group?
- Do you love pop and chart music?
- Embrace the power of your voice and come along to our choir!
- Students explore vocal technique, choral singing tone, sight-reading and performance techniques.

- Students will endeavour to rehearse and stretch themselves within a musical context, learning new pieces culminating in a public performance.
- Listening skills will be critical for students to work harmoniously within the ensemble.
- Beyond music, this experience should leave students feeling more **confident**, **resilient** and **brave**.

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Character Curriculum Further Information

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Performing Arts Clubs

Barnhill Buskers

Student Growth



- *Could you be the next Ed Sheeran?*
- *Busking is an act of performance in a public place to share a performer's music.*
- *Barnhill Buskers offers the space to practice and the opportunity to develop confidence and performance skills.*

- *Students will endeavour to **rehearse** and **stretch** themselves within a musical context, learning new pieces culminating in the delivery of a performance.*
- ***Listening** skills will be critical for students to work harmoniously within the ensemble.*
- *Beyond music, this experience should leave students feeling more **confident**, **resilient** and **brave**.*

Character Curriculum Further Information

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Physical Education Character Curriculum



Aspiration

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Character Curriculum Further Information

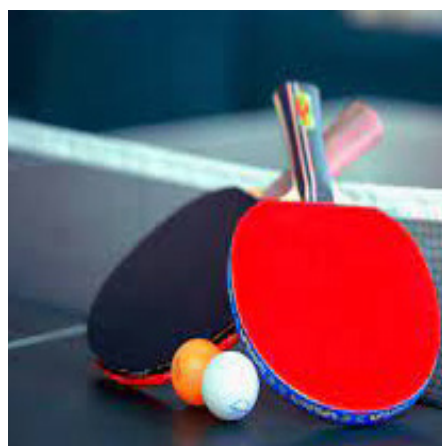
Respect

Wisdom

Physical Education Clubs

Table Tennis Club

Student Growth



- *Table tennis is a fast-paced, high coordination game in which participants aim to outplay their opponent.*
- *Students will develop skills and game play ability through drills and tournaments.*
- *Table Tennis Club is open to all abilities*

- *The students will be able to challenge themselves and build upon existing **confidence**.*
- *This opportunity requires high levels of **concentration and engagement**.*
- *Students must be analytical to show **understanding** of the game and strategies, **think quickly** and **respond under pressure** and demonstrate resilience.*

Football

Student Growth



- *Football club offers students of all abilities to play the 'Beautiful Game'.*
- *Students will be put through their paces through a range of drills, small-sided games and tournaments.*
- *All students will have the opportunity to represent the school through interschool fixtures.*

- *Students will be able to practise and demonstrate their **critical thinking skills** and their ability to **react under pressure**.*
- *This opportunity will help hone **communication skills** by actively encouraging students to take a lead within games.*
- *Students will broaden their skill set whilst demonstrating **teamwork**.*

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Character Curriculum Clubs Further Information

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Physical Education Clubs

Basketball

Student Growth



- Basketball is a fast paced, high-intensity sport in which players aim to outwit the opposition.
- It is one of the fastest growing sports in the UK.
- Basketball skills will be taught through focused sessions and small-sided games. All students will be given the opportunity to represent the school through interschool fixtures.
- Basketball Club is open to students of all abilities

- Students will be able to practice and demonstrate their **critical thinking skills** and their ability to **react under pressure**.
- This opportunity will help hone **communication skills** by actively encouraging students to take a lead within games.
- They will broaden their skill set whilst demonstrating **teamwork**.

Trampolining

Student Growth



- Are you looking for a new challenge or to push yourself out of your comfort zone and reach new heights?
- Trampoline club will introduce you to the aesthetics of trampolining while teaching you new skills and working towards a competition level routine.

- The students will be able to **creatively** challenge themselves, building upon existing **confidence**.
- This opportunity develops high levels of **self-discipline**.
- Students must be **analytical** to understand the demands and **think progressively** while planning a routine.

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Character Curriculum Further Information

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Physical Education Clubs

Volleyball

Student Growth



- *Joining Barnhill's Volleyball team is a great opportunity to be part of a supportive, motivated and enthusiastic club.*
- *Players of all abilities are challenged through a range of innovative practices and drills to develop their skills.*
- *If you are willing to commit to a team in a sport that relies on teamwork then Volleyball is for you*

- *The students will be able to challenge themselves and build upon existing **confidence**.*
- *This opportunity requires high levels of **concentration and engagement**.*
- *Students must be analytical to show **understanding** of the game and strategies, **think quickly and respond under pressure and demonstrate resilience**.*

Badminton

Student Growth



- *Barnhill's recreational Badminton Club caters for all abilities.*
- *This hugely popular sport is fast-paced and highly competitive.*
- *Learn new skills or develop existing ones, with the opportunities to play other schools, students and even teachers.*

- *The students will be able to challenge themselves and build upon existing **confidence**.*
- *This opportunity requires high levels of **concentration and engagement**.*
- *Students must be analytical to show **understanding** of the game and strategies, **think quickly and respond under pressure and demonstrate resilience**.*

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Character Curriculum Clubs Further Information

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Physical Education Clubs

Rugby

Student Growth

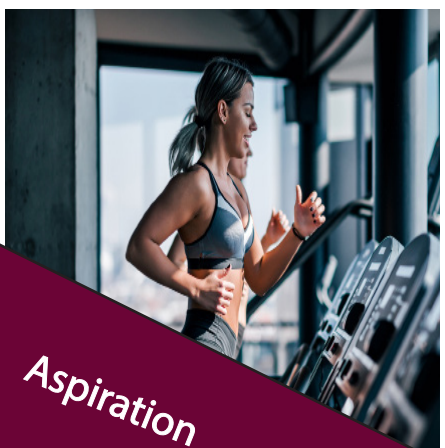


- Rugby is a fast paced, high-intensity sport in which players aim to outwit their opponent.
- Rugby will be taught within an inclusive learning environment developing all students into disciplined young athletes who will be given the chance to represent the school at interschool matches.
- Come on - give it a try!

- Students will be able to practice and demonstrate their resilience and ability to **react under pressure**.
- This opportunity will help to hone **communication skills** by actively encouraging students to take a lead within games.
- They will broaden their skill set and communication skills whilst demonstrating **teamwork**.

Fitness

Student Growth



- Regular physical activity is one of the most important things you can do for your health.
- The Fitness Club is a great way to start the day as you complete the session and leave with that natural buzz.
- This club is open to all pupils who would like to improve their overall fitness levels through a variety of different exercises and activities.

The students will be able to **creatively** challenge themselves, building upon **resilience**.

This opportunity develops high levels of **self-discipline** both practically and intrinsically.

Students must be **analytical** to understand the process and methods involved and **think progressively** while planning a routine.

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Character Curriculum Further Information

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Physical Education Clubs

Netball

Student Growth



- Do you enjoy fast paced sport with a high degree of strategy?
- Join one of Barnhills clubs involved in one of the most popular sports played by 20 million people world wide.
- Learn how to play netball from scratch or play on the elite team that participate in competitions against other schools.

- Students will be able to practice and demonstrate their **critical thinking skills** and their ability to **react under pressure**.
- This opportunity will require patience and resilience **and** students will be encouraged to take a lead within games.
- Students will broaden their skill set and communication whilst demonstrating **teamwork**.

Dodgeball

Student Growth



- Fast-paced, high intensity, great fun - that sums up Dodgeball!
- Dodgeball is a great way to blow off steam at the end of the day and the nature of the sport means that everyone can play, regardless of ability.
- Remember the 5 D's of dodgeball: Dodge, Duck, Dip, Dive and Dodge.

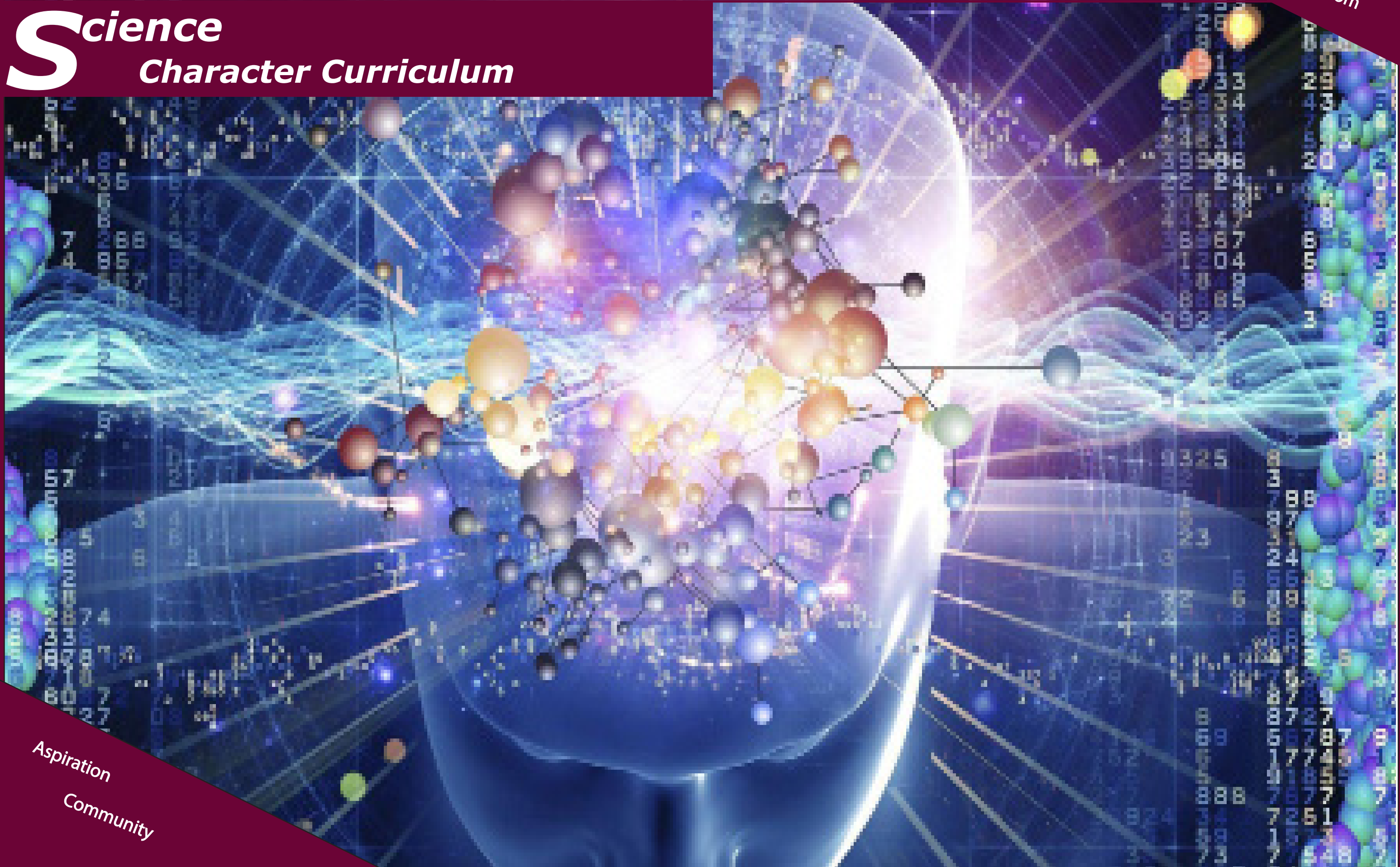
- Students will be able to practice and demonstrate their **critical thinking skills** and their ability to **react under pressure**.
- This opportunity will require patience and resilience **and** strategic thinking to outwit opponents.
- Students will broaden their skill set and potentially increase fitness.

Character Curriculum Further Information

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Science Character Curriculum



Aspiration

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Character Curriculum Further Information

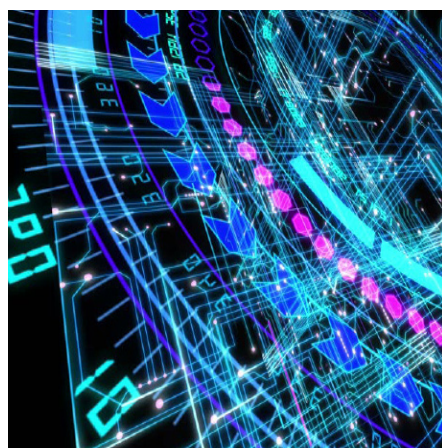
Respect

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Science Clubs

KS3 STEM Club

Student Growth



- The STEM Club aims to enrich and broaden the curriculum, giving students the chance to explore Science, Technology, Engineering and Maths in less formal settings.
- The STEM Club is dedicated to empowering students to be independent problem-solvers.
- Students will work collaboratiely on activities requiring them to be constructive, creative, and c critical in their thinking

- Students will be able to **creatively** challenge themselves, building upon existing **confidence**.
- This opportunity requires high levels of **patience** and **bravery**.
- Students must be analytical to show **understanding** of the process and methods involved, **think critically** while planning, and show **resilience** and engagement.

Science Masterminds

Student Growth



- Science Mastermind is an invitation-only club in which skilled teachers and experts will be visiting specific topics that students need to further develop their science knowledge.
- The club will offer scientists further opportunities to explore different areas and increase their knowledge.

- At the end of this experience, students will be able to reflect upon being **investigative**, **analytical** and **critical thinkers**.
- This club demands a tremendous amount of **ambition** and **bravery** to further students' **understanding** and **science knowledge**.

Aspiration
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Character Curriculum Further Information

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Science Clubs

Science Magazine Club

Student Growth



- Do you have a passion for science you would like to share with others interest in science?
- Are you interested in technological and scientific advances with shouting about?
- Science Magazine Club will introduce students to the skills of journalism, photography and collaboration in creating a news platform for the school.

- Students will work collaboratively to determine content and format for a monthly publication.
- The club will afford students opportunities to develop and improve their **time management**, design, **communication** and **writing skills**.

Whizz Bang-Pop club

Student Growth



- Whizz Bang Pop Science club is crammed full of exciting science experiments, in which you will literally make things Whiz, Bang and Pop!
- The club introduces students to a wide range of science topics, from chemistry, physics, and biology to engineering, geology, astronomy, scientific history and much more!
- There will be a different experiment each week, designed to turn students into young scientists.

- Students will be challenged to develop their key skills in computational thinking and logic through **creativity**, **experimenting** and **technology**.
- This club demands a huge amount of **ambition**, **bravery** and **concentration**.

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Character Curriculum Further Information

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Science Clubs

Dissection/ Anatomy Club

Student Growth



- *Students with an interest in anatomy and physiology will explore how animals work.*
- *The club goes beyond the standard Biology curriculum and dissections can include sheep eyes, rats and hearts.*
- *The club is perfect for students who are looking to pursue further study or a career in the field of medicine or if you just have a passion for Biology.*

- *At the end of this experience, students will be able to reflect upon being **investigative**, **analytical** and **critical thinkers**.*
- *This club demands a huge amount of **ambition** and **bravery** as well as a steady hand and high levels of **concentration and determination**.*