

ENRICHED CURRICULUM



AKELEY WOOD
SCHOOL

ENRICHED CURRICULUM

Our Enriched Curriculum programme gives senior school students the ability to choose a brand new club each term. Taking place every Friday afternoon, EC provides a great opportunity to collaborate with children across different year groups, while enabling students to develop new talents and passions.

This brochure gives an example of the choice of clubs students get to pick from each term. While most clubs take place onsite at Akeley Wood House, some take place offsite and travel will be arranged.

ADULT COLOURING & MINDFULNESS

YEARS 7,8

Enjoy relaxing at the end of a long week doing some colouring with soothing music in the background.

This is a great opportunity to try some other mindfulness strategies too!



AKELEY ECO ACTION

YEARS 7,8,9,10,11

WANT TO MAKE A CHANGE, GET YOUR VOICE HEARD AND GET INVOLVED WITH PROJECTS THAT COULD MAKE A DIFFERENCE BOTH LOCALLY AND GLOBALLY?
THEN THE AKELEY ECO ACTION CLUB IS FOR YOU!



ARCHERY

Years 7,8,9,10,11. Limited availability due to health & safety restrictions

SHOOTING TECHNIQUES | LAYOUT OF THE ARCHERY RANGE
EQUIPMENT MAINTENANCE | ESTABLISH A PB AND TRY TO IMPROVE ON THIS
DIFFERENT TARGETS | COMPETITION WITH PRIZES



BOOK CLUB

Years 7,8,9,10,11

THIS CLUB IS FOR THOSE OF A CURIOUS NATURE, AN ENQUIRING MIND AND A VIVID IMAGINATION
...AND OF COURSE, WHO LOVE TO READ!

- WE WILL READ, DISCUSS AND SHARE A WIDE RANGE OF BOOKS
- WE WILL DISCOVER NEW TITLES, PREVIOUSLY UNKNOWN AUTHORS AND WONDERFUL TALES
- WE WILL ACTIVELY PROMOTE READING AROUND THE SCHOOL BY SHARING OUR DISCOVERIES WITH THE SCHOOL COMMUNITY

COME ALONG ON FRIDAY AFTERNOONS TO SHARE YOUR ENJOYMENT OF LITERATURE
AND ITS SENSE OF ADVENTURE!



BADMINTON

Years 7,8,9,10,11. Limited availability due to health & safety restrictions

ALL ARE WELCOME! WE WILL BE PLAYING -

- BOYS AND GIRLS SINGLES
- BOYS AND GIRLS DOUBLES
- MIXED DOUBLES



CALLIGRAPHY

YEARS 7,8,9,10,11

YOU WILL GET THE OPPORTUNITY TO PRACTISE TRADITIONAL AND MODERN CALLIGRAPHY TECHNIQUES USING A RANGE OF FONTS AND FLOURISHES. THIS IS A CHANCE TO DEVELOP YOUR CREATIVITY IN A CALM AND RELAXING ENVIRONMENT. WE WILL BE COMPLETING DIFFERENT PROJECTS THROUGHOUT THE TERM (ARTWORK, FRAMED QUOTES, CARDS, ETC.). CALLIGRAPHY PENS AND PRACTISE SHEETS WILL BE PROVIDED BUT YOU ARE FREE TO BRING YOUR OWN EQUIPMENT.



CHESS AND BOARD GAMES

Years 7,8,9,10,11

MAY THE BATTLE BEGIN!

WHETHER YOU ARE A BEGINNER OR EXPERT, TAKE TIME OUT TO PLAY CHESS
OR ANOTHER GAME OF YOUR CHOICE.



COUCH TO 5K

YEARS 9,10,11

WOULD YOU LIKE TO IMPROVE YOUR FITNESS GRADUALLY AND ENJOY THE FRESH AIR?
WALK AND RUN UNTIL YOU CAN RUN FOR 30 MINS. CHALLENGE YOURSELF AND ENCOURAGE OTHERS!



DANCE

Years 7,8,9

COME ALONG AND LEARN ROUTINES TO YOUR FAVOURITE CHART SONGS.
STREET/COMMERCIAL STYLE DANCE.



FENCING

SUITABLE FOR THOSE IN YEARS 10 & 11 ONLY WHO HAVE NOT PREVIOUSLY LEARNED TO FENCE.
ALL SPECIALIST EQUIPMENT PROVIDED

FENCING IS BENEFICIAL FOR BOTH THE BRAIN AND BODY, IT IS A SPORT THAT REQUIRES A MENTAL SKILL THAT MATCHES THE PHYSICAL SKILL THAT'S REQUIRED. FENCING IS A SPORT THAT NEARLY ANYONE CAN PARTICIPATE IN – WHOEVER YOU ARE, EVEN IF YOU DON'T THINK YOU HAVE MUCH OF A "NATURAL" ATHLETIC ABILITY. FENCING IS A SPORT THAT YOU CAN DO FOR THE REST OF YOUR LIFE. IT CAN TEACH YOU PROFOUND LESSONS THAT WILL CROSS OVER INTO YOUR ACADEMIC AND, LATER, YOUR PROFESSIONAL LIFE



GAMES DESIGN WITH PYTHON

YEARS 9,10,11

CREATE A RANGE OF GAMES INCLUDING PONG, SNAKE, SPACE INVADERS, FALLING SKIES, MISSILE COMMAND AND MAZE GAM. DEVELOP YOUR OWN GAMES, WORK INDIVIDUALLY OR IN SMALL GROUPS AND FOLLOW THROUGH SELF-HELP GUIDES AND VIDEOS OR DEVELOP YOUR OWN CONEPT AND DESIGN.



GCSE FURTHER MATHS

MAX NUMBER OF STUDENTS: 15

OPEN TO YEAR 11 GCSE FURTHER MATHS STUDENTS

GCSE FURTHER MATHS IS IDEAL FOR ANY STUDENTS IN YEAR 11 WANTING TO TAKE A LEVEL MATHS. IT CAN LEAD TO AN EXTRA GCSE SHOULD YOU WANT TO TAKE THE EXAM (THIS IS ENCOURAGED BUT NOT COMPULSORY) YOU WILL LEARN NEW TOPICS THAT ARE NOT IN THE NORMAL GCSE SUCH AS DIFFERENTIATION AND MATRICES.

The image displays a collection of handwritten mathematical notes and diagrams:

- Limits:**
 - $\lim_{x \rightarrow a} [f(x) \pm g(x)] = l \pm m$
 - $\lim_{x \rightarrow a} [f(x) \cdot g(x)] = l \cdot m$
 - $\lim_{x \rightarrow a} \frac{1}{f(x)} = \frac{1}{l}$
- Algebra:**
 - $x^2 - 4x + 5 \leq 5$
 - $x^2 - 4x \leq 0$
 - $\sqrt{a^3} = a^{\frac{3}{2}}$
 - $\sqrt[3]{a^3} = a$
 - $\sqrt{5 + \sqrt{24}} = \sqrt{5 + \sqrt{4 \cdot 6}}$
 - $a_n = \frac{1}{2^{n-1}} = \frac{1}{2^{10-1}}$
 - $\frac{1}{2^9} = \frac{1}{512}$
 - $(100^2)a + 100b + c = 0$
 - $10000a + 100b - 5000 = 0$
- Geometry:**
 - A 3D diagram of a rectangular prism with dimensions 20, 6, and y .
 - A diagram of a cone with radius r and height h .
 - A right-angled triangle with angle 60° , hypotenuse $4\sqrt{3}$, and side x .
 - A diagram showing a vector \vec{v}_1 and an angle θ_1 .
- Physics/Chemistry:**
 - $E = mc^2$
 - $g = \frac{Gm_e}{R_e^2}$
 - $2CrSCN^{2+} + Cl_2 + H_3O^+ \rightarrow 2Cl^- + NO_3^- + CO_2 + 2H^+$
 - $SO_4^{2-} + Cr_2O_7^{2-} + H_2O$
 - $MO_4S_7 + 8NO_3^- \rightarrow MO_4 + 7S$
 - $\lambda = \frac{2\ell}{n}$
 - $v = \sqrt{\frac{T}{\mu}}$
 - $1H + 1n \rightarrow 2H + 2.23$
- Other:**
 - $n(BUC) = n(B) + n(C)$
 - $z = a \frac{\begin{vmatrix} D_1 & B_1 \\ D_2 & B_2 \end{vmatrix} - b \begin{vmatrix} D_1 & A_1 \\ D_2 & A_2 \end{vmatrix}}{a^2 + b^2 + c^2}$
 - $4 \frac{10}{15} - 4 \frac{2}{5} + 5 \frac{1}{3} = \frac{(15 \times 4) + 10}{15}$
 - $f = \frac{R}{Z}$, $U = \frac{v f}{v - f}$, $\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$, $v = \frac{u f}{u - f}$
 - $O: 3y = 16 + y + \frac{x}{2}$
 - $\bar{X}_1 = \frac{1+3+3+6+8+9}{6} = 5$
 - $\bar{X}_2 = \frac{2+4+4+8+12}{6} = 30$
 - $2x + 2y = 20$
 - $A = \pi r^2 h$
 - $\lambda = \frac{2\ell}{n}$
 - $v = \sqrt{\frac{T}{\mu}}$
 - $1H + 1n \rightarrow 2H + 2.23$

GYM

Open to students in Years 7 and 9 only for Spring term.
Limited numbers due to health and safety restrictions.

WHETHER YOU WANT TO USE A GYM FOR THE FIRST TIME OR ARE LOOKING TO SQUEEZE IN ONE MORE WEEKLY WORKOUT, THIS IS THE EC FOR YOU. WE WILL SPEND SOME TIME LOOKING AT EXERCISES, REPS, AND WEIGHTS TO WORK ON A SPECIFIC BODY PART EACH WEEK, BEFORE ENTERING THE GYM AND IMPLEMENTING OUR PLAN.



HARRY POTTER CLUB

Years 7,8,9,10,11

YOU NEED A LOVE OF HARRY POTTER AND SOME UNDERSTANDING OF THE WIZARDING WORLD. WE WILL BE DISCUSSING THE BOOKS AND FILMS; CREATING OUR OWN DAILY PROPHET AND QUIBBLER; DESIGNING PERSONAL PATRONUS CHARMS AND MORE.



HISTORY IN THE MEDIA

Years 7,8,9,10,11

DO YOU ENJOY LEARNING ABOUT THE PAST? DO YOU ENJOY WATCHING MOVIES?

YOU WILL CHOOSE FROM A SELECTION OF HISTORICAL MOVIES THAT WE WILL WATCH TOGETHER, BEFORE FINDING OUT HOW ACCURATE AND REALISTIC THESE MOVIES REALLY ARE. IF FINDING OUT ABOUT THE PAST AND ENJOYING A GOOD FILM SOUND LIKE A GOOD WAY TO FINISH YOUR WEEK, THEN SIGN UP FOR HISTORY IN THE MEDIA.



INNOVATION: CRYPTO CURRENCY, ELECTRIC CARS & ARTIFICIAL INTELLIGENCE

YEARS 7,8,9,10,11

EMERGING TECHNOLOGY IN ELECTRIC VEHICLES. NAVIGATE CRPYTO-CURRENCY ECOSYSTEM (GAME, NFT ETC). DEFI – DECENTRALISED FINANCE. ROBOTICS



NUMBER GAMES

YEARS 7,8,9,

COME ALONG AND PLAY SOME NUMBER THEMED GAMES ON A FRIDAY AFTERNOON, THESE WILL INCLUDE, RUMMIKUB, PHASE 10 AND UNO. THESE WILL HELP TO DEVELOP YOUR STRATEGICAL THINKING. YOU CAN ALSO CREATE YOUR OWN NUMBER THEMED GAMES.



PAPER SCULPTURE AND BOOK MAKING

Years 7,8,9,10,11

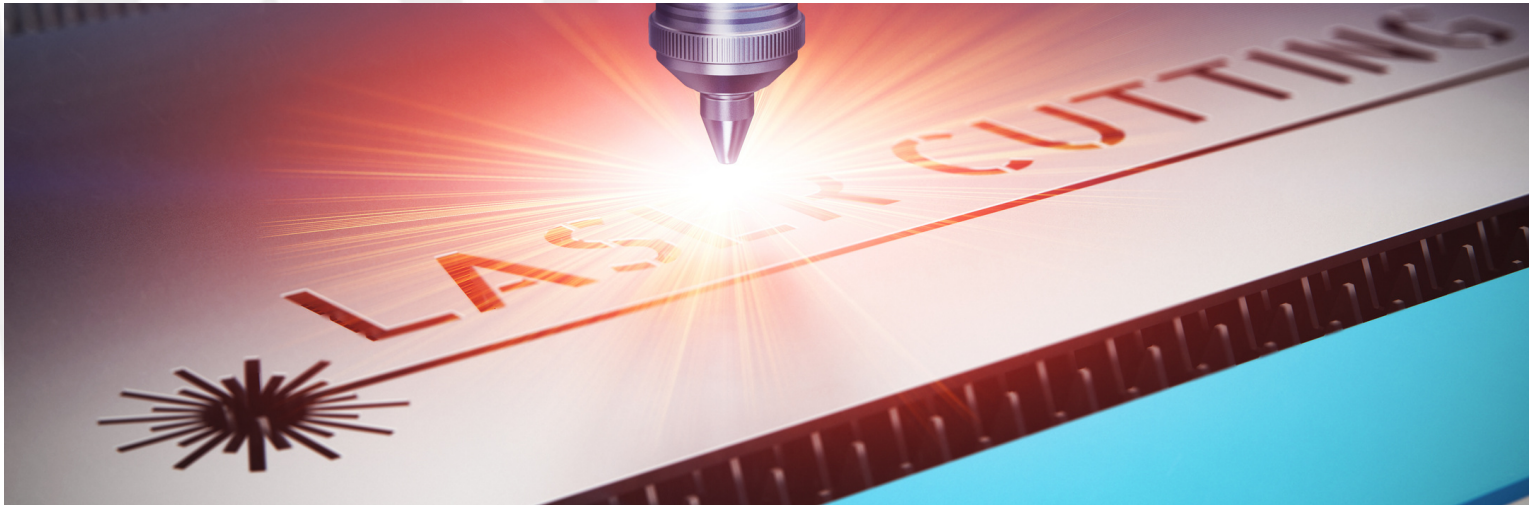
JOIN MS WYKES IN THE ART ROOM TO TRY YOUR HAND AT DIFFERENT BOOK MAKING TECHNIQUES AND DEVELOPING SCULPTURES FROM 'ALTERED BOOKS'
A LOVE OF ART AND WORDS WILL HELP YOU BE INSPIRED FOR THIS EC



PRODUCT DESIGN

Years 7,8,9,10,11

MANUFACTURING SKILLS ARE AN IMPORTANT PART OF DT. COME TO DT DURING EC TO LEARN NEW ONES AND IMPROVE YOUR SKILLS AND KNOWLEDGE. DESIGN & MAKE YOUR OWN PROJECT USING THE DEPARTMENT FACILITIES. LEARN TO USE THE LASER CUTTER AND 3D PRINTER EFFECTIVELY. IMPROVE YOUR COMPUTER AIDED DESIGN SKILLS.



SCHOOL PRODUCTION

For more information speak to Mr. Powell, Mr. Keegan, Mr. Startin or Mrs. Maltby

CALLING ALL MUSICIANS, BACKSTAGE CREW AND FRONT OF HOUSE CREW! IF YOU WOULD LIKE TO BE INVOLVED IN THIS YEARS' SCHOOL PRODUCTION THEN THIS IS THE EC FOR YOU. IT IS FOR THOSE WHO LOVE PERFORMING ON STAGE BUT WE ALSO HAVE ROLES IN THE BAND, BACKSTAGE CREW AND SOUND AND LIGHTING CREW. THERE WILL BE AN AUDITION PROCESS (PARTICULARLY FOR THE MAIN ROLES) HOWEVER ALL ARE INVITED TO TAKE PART. PLEASE BE AWARE THAT THIS IS A BIG COMMITMENT, WHICH WILL INVOLVE SOME REHEARSAL TIME AFTER SCHOOL, AND CLOSER TO THE SHOW DATE THERE WILL ALSO BE SOME WEEKEND REHEARSALS. THE PRODUCTION THIS YEAR IS BUGSY MALONE. STUDENTS IN THE CAST WHO HAVE ALREADY BEEN REHEARSING FOR A TERM WILL NEED TO SIGN UP FOR THIS AGAIN.



VERBAL FIGHT CLUB

YEARS 9,10,11

COME AND DEVELOP YOUR CONFIDENCE WITH PUBLIC SPEAKING AND ENGAGE IN INTERESTING TOPICS WITH AKELEY'S VERSION OF A DEBATE CLUB. EACH WEEK A NEW TOPIC WILL BE DISCUSSED AND SKILLS DEVELOPED WITH FUN GAMES.

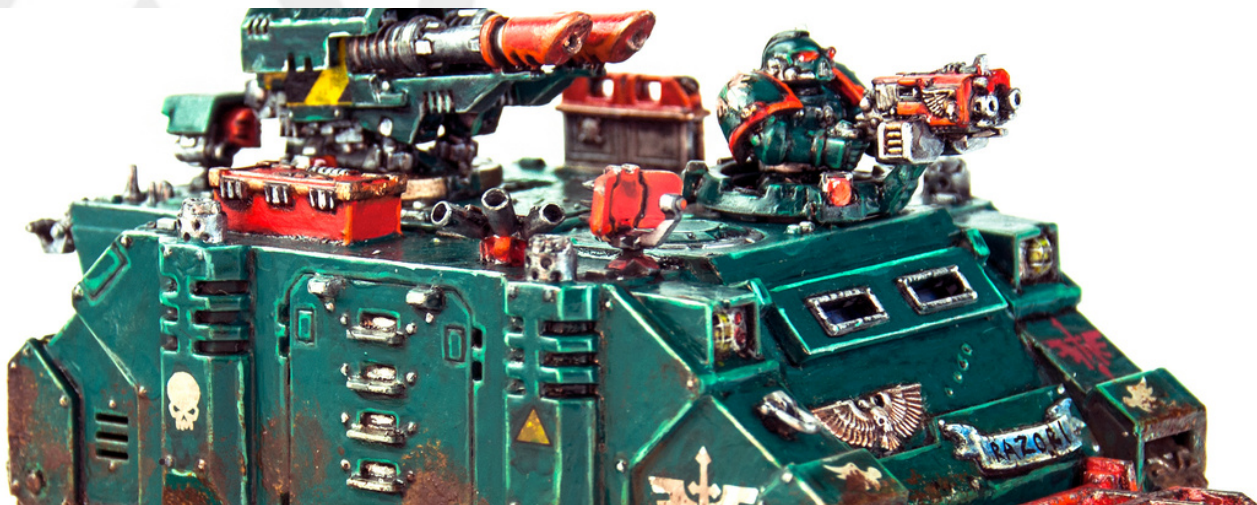


WARHAMMER PAINTING CLUB

MAX NUMBER OF STUDENTS: 11

YEARS 7,8,9,10,11

THIS IS A FANTASY AND SCIENCE FICTION BATTLE GAME USING MINIATURE MODELS. IN THE CLUB WE HAVE A GREAT TIME PAINTING AND MAKING THE MINIATURES USED IN EACH GAME, WHILE TALKING ABOUT NEW DEVELOPMENTS AND MODELS RELEASED FOR THE GAME EACH WEEK. OVERALL THIS IS A GREAT CLUB TO JOIN WHICH WILL DEVELOP YOUR ARTISTIC PAINTING SKILLS, LITERACY AND FINE MOTOR SKILLS. THERE IS A COST OF YOUR OWN PAINTS AND MODELS IN YOUR COLLECTION.



AWS EQUESTRAIN TEAM

OPEN TO ALL YEAR GROUPS, MUST HAVE OWN HORSE





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