



CHILDWALL
SPORTS &
SCIENCE ACADEMY

LYDIATE
LEARNING TRUST

More Able Students Subject Attributes

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Characteristics of a More Able student

- Exhibit above average ability in perceptual/cognitive processes of internally manipulating perceptions with expression.
- Above *Perceptual Discrimination*: i.e. the ability to perceive and differentiate through the senses with acute awareness.
- Display a high degree of *Complexity and Elaboration*, whereby, intellectual development is connected to the ability to relate information and observations about objects. Sensitivity to detail and the use of memory are directly related to complexity and elaboration.
- Show a passionate interest in the world of art and design, they are often interested in a specific culture (possibly relating to their own cultural background or sense of identity), particular art forms, contemporary culture or youth culture.
- Have an excellent *Calculating Capacity* in that they have a superior ability to utilize past information in new contexts.
- Take creative risks without knowing what the outcome will be.
- Think and express themselves in creative, original ways, they want to follow a different plan to other pupils.
- Challenge the tasks given, or extend the brief in seemingly unrelated or fantastic directions.
- Have a strong desire to create in a visual form, use materials, tools and techniques intuitively and skilfully and will learn new approaches easily.
- Driven by ideas, imagination and flights of fancy, humanitarian concerns, humour or deep personal/psychological experiences.
- Persevere until they have completed a task successfully, with little or no intervention from the teacher.
- Explore ways to depict ideas, emotions, feelings and meanings in a visual form, willingly changing ideas to take into account new influences or outcomes
- Keen to extend their technical abilities and sometimes get frustrated when other skills do not develop at the same time, initiating ideas and define problems.
- Critically evaluate visual work and other information. Making unusual connections between their own and others' work;
- Apply ideas to their own work in innovative ways, exploiting the characteristics of materials and processes they use materials and processes in creative, practical and inventive ways.



Activities that More Able students should do

- Have access to their own equipment for regular use
- Attend external art classes, e.g. Life-drawing classes, Bluecoat Gallery print-making union
- Join an art society or club (in school or in the community e.g. Crosby Photography Club)
- Take part in extra-curricular art activities
- Use a wide range of media, styles and genres in their art work
- Attend art exhibitions
- Engage in conversations about art
- Have their own 'Pinterest' or blog pages
- Collect materials and/ or inspirational objects when outside for future use
- Devote time each day work on art
- Attend external art organizations e.g. Tate Gallery summer schools and Family days
- Go to Art Galleries on a regular basis
- Be in the Art department at break, lunch and after school
- Learn about Artists, the history and theory of Art from all external sources e.g. TV, radio internet etc.

How can parents support More Able students?

- Support when students are completing their homework, providing them with the space, time and resources where necessary.
- Visit local galleries, the Tate taster days, the Bluecoat, etc.
- Watch documentaries
- Try to meet local artists

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Characteristics of a More Able student

- Logical reasoning - can verify, justify and prove.
- Ability to problem solve using a variety of problem solving approaches
- Inquisitive - *"What if.....then....."*
- Can be creative and strategic in their approach to solving problems
- Persistence
- Be self-motivated to learn new concepts and languages
- Ability to work independently when solving problems and creating solutions
- Attention to detail when analysing problems or creating solutions
- Demonstrates curiosity and enthusiasm for problem solving
- Demonstrates a curiosity for how things work
- Makes connections between concepts they have learnt

Activities that More Able students should do

- Model curiosity by asking questions
- Encourage the use of problem solving games to develop thinking skills
- Encourage their children to research and discuss current technology news stories
- Show an interest by asking about what they are studying in their Computer Science lessons
- Encourage the use of tutorial coding websites at home

How can parents support More Able students

- Talk to students about current news stories which are relevant to technology
- Ensure students have access to online resources which will help them to investigate the subject area further (for example BBC News Technology website)
- Take students on day trips to science museums to widen their experiences of the subject area

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Characteristics of a More Able student

- Excellent awareness of how to create, develop and produce a 3D outcome.
- Excellent mathematical skills.
- Excellent understanding of materials and tools needed for a process.
- Excellent awareness of social and moral issues around material selection.
- Excellent understanding of the end users' needs for a product.
- Excellent ability to plan ahead.
- Excellent ability to disassemble products and evaluate their use.
- Excellent presentation skills.
- Excellent communicational skills.

Activities that More Able students should do

- Look at the assembly of a product (how it is put together) and think about the steps to create this, i.e. the disassembly of a product.
- Use google sketch up (free software)

How can parents support More Able students?

- Discuss the assembly/construction of everyday products such as chairs, tables, light switches, etc.
- Provide access to IT so that they can access google sketch up (free software)

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Characteristics of a More Able student

- Can communicate the elements of drama verbally and through active participation in performance
- Willing to work hard and self-motivate in drama rehearsals to achieve success in performance
- Ability to see the bigger picture and set long term goals in drama (challenging choice of texts)
- Communicate through use of movement and voice showing sensitivity and empathy
- Interested in how technical and design elements of theatre work in tandem with texts
- Can show versatility in performance demonstrating a range of skills.
- Prefers to respond to drama practically rather than through written communication
- A natural performer who understands how to engage an audience
- Reads a variety of plays for pleasure
- Can learn lines effectively
- Can use directing skills
- Has an interest in theatrical history
- Often takes a leading role in group work due to high confidence levels
- Will probably participate in drama outside of school

Activities that More Able students should do

- Participate in productions in school and outside
- Consider taking LAMDA Acting grades
- Join a Youth Theatre
- Take part in extra-curricular drama activities
- Read a wide variety of texts of different styles and genres
- Visit the theatre
- Engage in conversations about drama
- Develop skills in improvisation and devising
- Help run a school drama club
- Read reviews of major theatrical productions



- Attend external drama clubs/ amateur theatre societies
- Explore technical/design elements of theatres
- Use the theatre when it is free to have extra rehearsals
- Learn about playwrights, the history of theatre and dramatic theory

How can parents support More able students?

- Encourage son/daughter to participate in drama activities
- Take students to the theatre to experience live performances

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Characteristics of a More Able student

- reads widely, fluently and independently (fiction and non-fiction)
- reads with meaning, drawing on inference and deduction, can 'read between the lines'
- can draw parallels between plot, theme and characterisation of texts from different contexts
- can frame their own questions about text and interpret texts in an independent fashion
- are sensitive to the nuance of language
- uses language precisely, technical accuracy
- delights in the meaning of words
- uses extended vocabulary
- shows pleasure and involvement in experimenting / 'playing' with language and manipulating language to effect
- writes or talks in imaginative, lucid and cogent ways showing flair and creativity
- can express ideas succinctly and elegantly
- grasps the essence of particular styles and adapts them to their own purposes
- can display a sophisticated sense and appreciation of humour, this humour can be 'quirky', understands irony etc
- contributes with incisive, critical responses
- can analyse own work
- can produce written work that is substantial and the product of sustained, well directed effort
- elaborates on content that is exceptional for their age
- can engage seriously and creatively with moral and social themes expressed in literature and non-fiction texts
- develops an interest in the context of literary texts
- can justify opinions convincingly and can challenge others' points of view
- strong communicative skills
- articulate and confident speaker
- very good listening skills
- shows enthusiasm and enjoyment in the subject, can be sensitive



Activities that More Able students should do

- Regularly read comment articles from broadsheet newspapers or political magazines
- Log onto the British Library archive to learn more about the life and times of authors which feature on the curriculum

How can parents support More Able students?

- Take them to see plays, book launches and poetry readings
- Get them signed up at their local library and the Central Library in town and encourage them to use it

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Characteristics of a More Able student

- Demonstrate high levels of nutritional understanding and application
- Display high-quality making and precise practical skills
- Demonstrate innovative ideas through problem solving and practical skills
- Demonstrate different methods of working or different approaches to problems
- Demonstrate logical thinking and can work in an organised way
- Reflect, learn from mistakes and are constructively self-critical
- Sensitive to aesthetic, social and cultural issues when developing products and evaluation
- Capable of rigorous analysis and interpretation of products
- Independently research knowledge to solve problems
- Work comfortably in contexts beyond their own experience and empathise with users' needs and wants

Activities that More Able students should do

- Cook at home with supervision
- Research ingredients and recipes

How can parents support More Able students?

- Encourage students to cook with them and try different cuisines
- Visit food markets/fairs
- Discuss current health campaigns/news
- Encourage students to carry out independent research into the topics they are studying
- Provide students with the time and space needed to ensure homework is completed to a high standard

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Characteristics of a More Able student

- The ability to think like a Geographer. Students can make synoptic links between topics.
- Can locate major human and physical features on local, national and international scales.
- understands concepts clearly so that they can apply this understanding to new situations in order to make interpretations, develop hypotheses, reach conclusions and explore solutions
- understands geographical ideas and theories, and applies them to real situations
- communicates effectively using both the written and spoken word and in ways that are appropriate to task and audience
- learns subject specific vocabulary and uses it accurately
- reasons, argues and thinks logically, shows an ability to manipulate abstract symbols and recognise patterns and sequences
- uses and applies mathematical principles and formulae to solve geographical tasks and problems
- identifies their own geographical questions and sequence investigations
- understands, and is able to explain, complex processes and interrelationships enjoys using graphs, charts, maps, diagrams and other visual methods to present information
- competent and confident in using the wide range of visual resources required
- has well-considered opinions on issues such as the environment and the life in different places
- has a wide-ranging general knowledge about the world and topical issues
- is able to transfer knowledge from one subject to another
- is creative and original in their thinking, frequently going beyond the obvious solutions

Activities that More Able students should do

- Follow current affairs
- Read the news regularly and link to a geographical issue
- Ask pertinent questions about the world around us

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How can parents support More Able students?

- Encourage them to read/read together
- Encourage them to use maps/atlasses when following directions
- Engage in debates/discussions – linked to current affairs
- Discuss current affairs/news
- Model curiosity
- Encourage pupils to conduct research around the topic they are studying
- Provide pupils with sufficient time to ensure homework is completed to a high standard
- Provide pupils with an adequate space/area to be able to work independently

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Characteristics of a More Able student

- Uses subject specific vocabulary and terminology with accuracy and confidence
- Able to make judgements on source utility applying valid criteria with developed reasoning
- Can take into account how the provenance affects the usefulness of source content.
- Able to use contextual knowledge in the process of interpreting the sources and applying criteria for judgements on their utility.
- Can provide an analytical explanation is given which is directed consistently at the conceptual focus of the question
- Produces answers showing a line of reasoning that is coherent, sustained and logically structured directly
- Has wide-ranging knowledge and understanding of features or characteristics of the period studied.
- Spell and punctuate with consistent accuracy and use rules of grammar with effective control of meaning, along with a wide range of specialist terms.
- show particular skill at inference
- has an excellent understanding of second order concepts such as cause, consequences, change, continuity
- able to set information in a chronological framework
- able to use several sources simultaneously with confidence
- able to question, challenge and develop own lines of enquiry
- good understanding of historical interpretation
- able to review alternative views in coming to a substantiated judgement.
- Analyses interpretations indicating how the differences of view are conveyed.
- ability to hypothesise, can make judgements and justify them
- has a thirst for knowledge
- reads widely around topics and has good general knowledge
- takes an interest in current affairs and can discuss with confidence



Activities that More Able students should do

- Practice source utility skills by researching sources to then analyse.
- Use the subject road map to prepare for lessons and read in advance of the topics.

How can parents More Able students?

- Support students with revision and ask questions using the PiXL Independence Booklets on Google classroom
- Guide students to complete the PiXL app and doddle activities

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Characteristics of a More Able student

Resilience

- Willing to try and willing to fail
- Sees the value in mistakes and errors
- Not only corrects mistakes but learns from them

Inquisitive

- Shows a desire to understand the reasons behind a solution rather than just knowing how to get the answer
- Willing to take risks in order to solve a problem
- Looks to advance their learning outside the classroom
- Enjoys mathematical problems/puzzles/investigations/open ended tasks

Restless

- Eager to advance their learning
- Persistent in their learning when faced with difficulties
- Always looking to progress to the next step/extension/problem solving questions

Logical

- Is able to apply logic to a problem and set answers out in a systematic order
- Understands that the answer may not be straight forward and prior work may be needed
- Able to reverse a mathematical process to solve a problem

Fluent/converses

- Able to discuss mathematical concepts in order to develop learning both with classroom teacher and peers
- Ability to solve the same problem using varied strategies
- Able to create their own questions/problems to solve

Problem solver

- Able to apply learnt knowledge to novel problems/situations
- Able to visualise/generalise problems in order to understand complex mathematical concepts/questions
- Able to recall mathematical facts easily
- Times tables
- Types of numbers i.e. squares, primes etc.
- Formulae



Activities that More Able students should do

- Use of PiXL Maths App to identify key areas of improvement in conjunction with classroom teacher
- Use of www.onmaths.com online past and predicted exam papers that are marked and graded instantly
- <https://corbettmaths.com/more/corbetts-conundrums/> 365 difficult maths problems
- Analyse and critique the numbers they see every day
- Shopping – best value/budgets
- News paper reports – data representation/percentages
- Follow maths relevant feeds on twitter/snapchat/Instagram etc.
- Puzzles – crosswords/Sudoku/code breakers

How can parents support More Able students?

- Talk to children about the maths they have learnt that day
 - o Can they describe it/teach it to you?
 - o Can they explain their homework?
- Involve them in every day mathematics
 - o Shopping budgets
 - o Monthly bills – gas meters, water usage etc.
 - o Timetables/scheduling
- Check progress on PiXL Maths App
 - o Find out your child's log in details and see for yourself how they have done
 - o Ask their classroom teacher for a printout/email of their progress

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Characteristics of a More Able student

- an early awareness of the second language as a separate system
- curiosity in how language works
- the ability to extrapolate general rules from samples
- the ability to pick up new language and structures quickly
- the ability to make connections and classify words and structures e.g. to help them learn more efficiently
- the ability to identify, memorise and reproduce new sounds
- a strong desire to put language together by themselves
- creativity and imagination when using language
- a desire to seek ask further questions and seek solutions
- awareness and use of a range of strategies for learning
- an intense interest in the cultural features of the language studied
- the ability to transfer skills across and to other languages
- the ability to manipulate vocabulary to express something new
- Inquisitive – asks the ‘right’ questions to understand information
- able to apply knowledge to unfamiliar content
- competitive
- creative in their written work
- well-organised



Activities that More Able students should do

- Listen to the podcasts, the news, etc. in a foreign language
- Take opportunities to read about the countries where their foreign language is spoken
- Read comics, short articles, etc. in a foreign language

How can parents support More Able students?

- Encourage pupils to conduct research around the topic they are studying
- Encourage them to read
- Encourage the use of puzzle games/word games/card games etc. to improve thinking and developmental skills
- Visit foreign countries where possible
- Engage in discussions regarding the importance of foreign language learning
- Discuss current affairs

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NOTES







Characteristics of a More Able student

- Can communicate the elements of music verbally and through musical demonstrations
- Willing to work hard and self-motivate in music practice to achieve success
- Ability to see the bigger picture and set long term goals in music (grades/specific pieces)
- Communicate through music performing with musical expression and confidence
- Interested in sound and in particular its creation
- Have a preferred instrument that appeals to them and they may be unwilling to relinquish the instrument
- Prefers to respond to music physically rather than through written communication
- Performs music with a natural awareness of phrasing and pulse
- Captivated by sound and engages fully with music
- Memorises music quickly and recognises patterns in music
- Able to repeat more complex rhythms and melodic phrases (even after one hearing)
- Ability to understand the theory of music in the creation of music
- Able to use correct instrumental technique
- Finds it difficult not to respond to music

Activities that More Able students should do

- Learn a musical instrument
- Take peripatetic music lessons
- Join a music ensemble (in school or in the community e.g. Sefton Music Service)
- Take part in extra-curricular musical activities e.g. musical theatre
- Listen to a wide range of music styles and genres
- Attend concerts and live performances
- Engage in conversations about music
- Use Gigajam instrumental software to develop correct instrumental technique
- Join a choir
- Devote time each day to music practice
- Attend external music organisations e.g. Aintree School of Music Ltd, Resonate...



- Go to music festivals e.g. Crosby Music Festival...
- Be in the Music department at break, lunch and after school practicing music
- Learn about musicians, the history of music and music theory

How can parents support More Able students?

- Get students to attend music lessons where possible
- Attend live concerts to increase cultural awareness

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Characteristics of More Able students

Pupils in PE can be defined as MA if they meet all of the criteria outlined below.

The criteria are sub divided into 4 categories. These are the categories used to assess pupil's progress. MA would be expected to be above the expected level for their age group.

PRACTICAL PERFORMANCE

- Use the body with confidence in differentiated, expressive and imaginative ways.
- Good sense of shape, space direction and timing.
- Movement is fluent and can be elegant.
- High degree of control of their body - good control of gross and fine body movements and can handle objects skilfully.
- Specific strengths in particular areas.
- Able to perform advanced skills and techniques and transfer skills between activities.
- Takes risks with ideas and approaches.

FIT FOR LIFE

- Shows a high level of understanding of principles of health related exercise and their application in a variety of activities.
- Particularly high levels of fitness for their age.
- Have a good understanding of the benefits of exercise on the body.
- Know how to improve elements of strength, speed, stamina and flexibility in both their own and others.

COACHING

- Able to use technical terms effectively, accurately and fluently.
- Able to analyse and evaluate their own and others' work, using results for self-improvement.
- Good decision makers and able to take the initiative demonstrating autonomy, leadership and independence of thought.
- Able to reflect on processes and outcomes in order to improve performance.



PARTICIPATION AND ATTITUDE

- Show a high degree of motivation and commitment to practice and performance.
- Show perseverance and resilience.
- Involvement with a range of related extra-curricular activities.

Activities that More Able students should do

- Extra-curricular sports activities outside of school
- Engage in the understanding of how to lead a healthy and active lifestyle (e.g. watch Joe Wicks, etc.)

How can parents support More Able students?

- Parents can support this by encouraging pupils to lead active healthy lifestyles.
- Encouraging them to read articles on health and fitness useful websites will be given on a google classroom accesses by haps students.
- Encouraging them to take up opportunities in school when available to MA students re: coaching roles and leadership.
- Encouraging them to engage in a sporting activity outside school.

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Characteristics of a More Able student

- Good mathematical skills – able to manipulate equations and data
- Inquisitive – asks extended questions
- Be able to apply knowledge to unfamiliar content
- Can recall factual information
- Good problem solving skills
- Has a thirst to understand information
- Competitive
- Eloquent written communication
- Self-evaluative
- Logical
- Organised
- Aspirational
- Good observational skills
- Good practical skills

Activities that More Able students should do

- Pay attention to any current affairs surrounding Science. For example; plastic usage and global warming.
- Focus on increasing maths in science skills due to the increased maths content in all 3 science subjects.



How can parents support More Able students?

- Encourage them to read/read together
- Encourage the use of puzzle games/word games/card games etc. to improve thinking and developmental skills
- Visit science exhibitions/museums' to encourage engagement
- Engage in debates/discussions
- Discuss current affairs/news
- Model curiosity
- Encourage pupils to conduct research around the topic they are studying
- Provide pupils with sufficient time to ensure homework is completed to a high standard

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Characteristics of a More Able student

- Can make comparisons between religious beliefs and practises.
- Able to evaluate moral questions, giving reasons for and against.
- Can reach justified conclusions with reasons on religious issues.
- Understand religious ideas and theories and applies them to real life situations.
- Perform at levels of literacy that are advanced for their age
- Ability to communicate effectively in different forms
- Use subject specific vocabulary with confidence
- Has a good understanding of cause and effect
- Broad range of religious knowledge
- Can discuss the significance of events, people and changes
- Maturity in their ability to analyse religious concepts
- Able to demonstrate and use a wide and growing knowledge base
- Able to question, challenge and develop own lines of enquiry
- Good grasp and understanding of religious interpretation
- Can make imaginative links between the topics studied with other subjects in the curriculum
- Ability to hypothesise, can make judgements and justify them
- Can take on broad concepts
- Offers unexpected insights
- Willingness to search for new information and ideas
- Has an enquiring mind
- Can cope with tentative conclusions
- Developed sense of empathy and imagination
- Uses subject specific vocabulary and terminology with accuracy and confidence



Activities that More Able students should do

- Keep up to date with current affairs by watching the news or reading the news online (e.g. Headlines and articles linked on twitter)
- Explore issues arising in current affairs linked to your religious education studies

How can parents support More Able students?

- Encourage them to read/read together
- Engage in debates/discussions – linked to current affairs
- Discuss current affairs/news
- Model curiosity
- Encourage pupils to conduct research around the topic they are studying
- Provide pupils with sufficient time to ensure homework is completed to a high standard
- Provide pupils with an adequate space/area to be able to work independently

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