

Welcome to Curie Learning's 6<sup>th</sup> Level English & Math Advancement courses. Our advancement classes are designed to progress your child's education and keep them one year ahead of their current grade level. Below you will find the topic overviews for what is taught in both classes. The classes are held for two hours (one hour each). The class schedule information is as follows:

Day:

Time:

### English Topics include:

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1. Perform an overview on grammar and the writing process
2. Review parts of speech and sentence structure
3. Complete Writing and Composition review
4. Understand and create complete essays on narrative
5. Create essays for informal writing
6. Use essay writing form to create persuasive writing
7. Understanding Critical Thinking
8. Evaluate critical thinking in writing
9. Identifying proper audiences for different writing styles

### Math Topics include:

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1. Reviewing variables and constants
2. Exponents and its identities
3. Algebraic expressions and simplifying algebraic expressions
4. Radicals and simplifying radical expressions
5. Solving single variable equations
6. Solving algebraic inequalities including compound inequalities and plotting inequalities
7. Solving two variable equations by plotting method
8. Solving two variable equations by substitution, addition and subtraction methods.  
Solving Types I to III quadratic equations

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