

Welcome to Curie Learning's 4<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. Reviewing Parts of Speech
2. Understanding Punctuation
3. Expanding on sentence varieties
4. Creating Various Sentence Structures
5. Identifying Common Errors
6. Reviewing the Basics of Writing
7. Creating Expressive Writing
8. Developing Descriptive Writing
9. Understanding Entertainment Writing
10. Writing for different audiences
11. Understanding writing styles

### Math Topics include:

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1. Computation and number sense: estimating sums, differences and products
2. Multiplying using distributive property
3. Long division
4. Exponent operation & Geometric sequence
5. Introducing negative number concept. Addition, subtraction, multiplication and division of positive and negative number combinations.
6. Order of operations
7. Algebra: single variable equation solving
8. Prime factorization – LCM & GCF
9. Addition, subtraction, multiplication and division of proper and improper fractions and mixed numbers
10. Concept of percentage
11. Geometry: Angle and its measurement, polygons, circles and calculating their area. 3-dimensional shapes and their surface areas and volume

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Corporate Office :

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