

ALPHA HONOURS 2019 - 2020  
Application Form  
APPLICATION DEADLINE FEBRUARY 19, 2019

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Please check the program(s) to which you are applying:

<input type="checkbox"/> <b>Math 8 Honours</b>
<input type="checkbox"/> <b>Discovery Science 8/9 Accelerated Honours</b>

**PLEASE PRINT CAREFULLY AND COMPLETE THIS APPLICATION IN FULL**

Student's Name: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
Family Name Legal First Name Commonly Used Name

Birth Date: \_\_\_\_\_  
(Year/Month/Day)

Address: \_\_\_\_\_

Postal Code: \_\_\_\_\_ Home Tel: \_\_\_\_\_ Alternate Tel: \_\_\_\_\_

Parent's E-mail: \_\_\_\_\_ Student's E-mail: \_\_\_\_\_

Parents'/Guardians' Names: \_\_\_\_\_

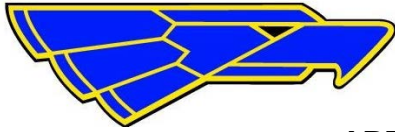
Elementary School: \_\_\_\_\_ Elementary Teacher: \_\_\_\_\_

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**Discovery Science 8/9 Accelerated**

**Discovery Science 8/9 Accelerated Honours at École Alpha  
Secondary means:**

- The pace of learning is quicker in order to provide time for students to explore new or different scientific topics or to delve deeper into a curricular topic
- There is an appropriate challenge for students including Science fair and connections to literature
- Students are organized, have sense of time management, and an ability to meet deadlines
- Students are committed to coming to class on-time, consistently, with all required materials and supplies
- Students are willing to take risks and work hard, even if they are uneasy or the work is challenging at first
- Students are willing to develop skills in collaboration through group activities
- Students have the ability to take initiative as a self-directed learner



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Please answer the following questions.

1. Why do you want to be in the Discovery Science 8/9 Accelerated Honours class?

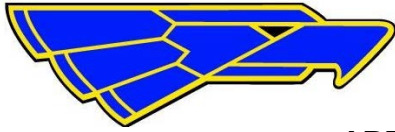
2. What skills do you have to be successful in this accelerated science 8/9 course?

3. In a short paragraph, show your passion for science?

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Date



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**Honours Mathematics 8**

The focus of Honours Mathematics 8 will be on the conceptual understanding of numeracy concretely, pictorially and symbolically. You will be provided with the opportunity to develop the knowledge, skills, and attitudes necessary to be numerate.

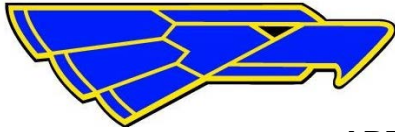
To successfully enroll in the course, you need to apply and be available for assessment. You should be interested in and can pursue a more challenging course of study. In the course, you will be challenged by in-depth study of some concepts that go beyond that required by the prescribed curriculum, such as those brought in mathematics contests. You will learn to reason logically, employ quantitative and spatial information, and apply a variety of mathematical methods to solve problems.

This course has the same learning outcomes and textbook as Mathematics 8, but contains a significant enrichment component. Most times, students will receive different assignments from students enrolled in Mathematics 8. The Honours assignments will sometimes have fewer questions, and sometimes include questions that are either at a higher level, or consist of questioning that extend the concepts beyond the basic assignment.

**Course Expectations:**

Students enrolled in Honours Mathematics 8 are:

- Organized – have a sense of time management and can prioritize
- Learn independently and collaborate in groups by speaking and listening to others
- Curious about a wide variety of mathematics topics and make connections
- Confident and willing to acknowledge and tolerate risk
- Willing to accept, respond to, and give constructive feedback
- Critical thinkers, eager to ask questions and listen to others
- Occasionally afforded the opportunity to meet and work together in mathematics with guest lecturers from either Simon Fraser University or the University of British Columbia.
- To explore non-routine problems, present the solutions to the problems, and participate in Mathematics Contests.
- Expected to maintain high levels of achievement in all their endeavours.



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Please answer the following questions.

4. Why do you want to be in an enriched math class?

5. What do you enjoy about mathematics?

6. What strategies do you use when working on a challenging math problem?

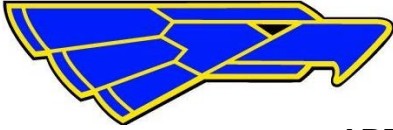
I understand that in an enriched math classroom it is my responsibility to preserve, to have a positive mind set, to take risks and to exhibit excellent work habits.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Parent Signature

\_\_\_\_\_  
Date

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**Important**

**Support of Parent(s) / Guardian(s):**

We/I have fully discussed this application to the **Alpha Honours Program** with our/my child and support his/her participation.

\_\_\_\_\_  
(Signature of Parent/Guardian)

\_\_\_\_\_  
(Signature of Student)

**Applicants will be required to write an assessment for Math 8 Honours at Alpha which will occur at:**

**(3:30pm on April 9<sup>th</sup> at Ecole Alpha Secondary School).**

**Please speak with your grade 7 teacher for more information.**

**Students will write an examination for Math and this assessment will take approximately one hour.**

**Please deliver to École Alpha Secondary School  
Via District Mail by Feb 19, 2019**

Questions? Contact Alpha at 604-296-6865 or by email  
[angela.basran@burnabyschools.ca](mailto:angela.basran@burnabyschools.ca)