

Ms. Anurita Dhiman  
[adhiman@sd35.bc.ca](mailto:adhiman@sd35.bc.ca)

**Class Sessions at LEC:**

Tuesdays & Thursdays 9:30am-12:30pm  
Room A181

**Weebly Website:** [anurita.weebly.com](http://anurita.weebly.com)

**OFFICE 365 LOGIN CREDENTIALS**

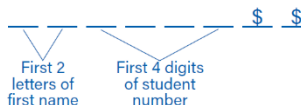
**USERNAME:**

First initial + lastname + last 4 digits of your student number  
@langleyschools.ca

**PASSWORD:**

Use your school network password.

If you have never changed your password, it defaults to:



**LOGIN EXAMPLE**

John Smith - #123456  
U: Jsmith3456@langleyschools.ca  
P: joi234\$\$

**Pre-Calculus 12 COURSE OUTLINE**

**Welcome to PC12!** This is an intellectually challenging, fast paced course containing a great deal of interesting and exciting information designed to prepare you for the standards and content of college and university programs. You will notice a larger workload than you have previously experienced in the PC Math 11 course, however, **with perseverance, hard work, and good study techniques**, you will be successful through these challenges and do well in PC12. Remember to **keep up with all notes, lessons, quizzes, assignments, and exams and be sure dedicate at least 2 hours each day outside of class to work on the course material.**

**PC12 TOPICS**

Chapter	Content	Test Dates
1	Arithmetic & Geometric Sequences & Series	Thursday, Jan. 18 <sup>th</sup>
2	Graphing Functions & Transformations	Tuesday, Jan. 30 <sup>th</sup>
Unit 1 Test		Thursday, Feb. 1 <sup>st</sup>
3	Polynomial Functions	Tuesday, Feb. 13 <sup>th</sup>
4	Rational Functions	Tuesday, Feb. 20 <sup>th</sup>
Unit 2 Test		Thursday, Feb. 22 <sup>nd</sup>
5	Exponential & Logarithmic Functions	
Unit 3 Test		Thursday, Mar. 7 <sup>th</sup>
6	Trigonometry I: Angle Measure, Special Angles, and Graphs of Trig Functions	Tuesday, Apr. 9 <sup>th</sup>
7	Trigonometry II: Identities and Equations	Thursday, Apr. 18 <sup>th</sup>
Unit 4 Test		Tuesday, Apr. 23 <sup>rd</sup>

**Evaluation**

CATEGORY	PERCENT OF COURSE
Chapter Projects	20%
Chapter Tests	20%
Unit Tests	60%
<b>TOTAL</b>	<b>100%</b>

The complete list of curriculum outcomes from the provincial Integrated Resource Packages is available on the Ministry of Education site: <https://www.bced.gov.bc.ca/irp>

## BIG IDEAS

Using **inverses** is the foundation of solving equations and can be extended to relationships between functions.

Understanding the characteristics of families of **functions** allows us to model and understand relationships and to build connections between classes of functions.

**Transformations** of shapes extend to functions and relations in all of their representations.

### Curricular Content

Students are expected to know the following:

- **transformations** of functions and relations
- **exponential** functions and equations
- **geometric** sequences and series
- **logarithms**: operations, functions, and equations
- **polynomial** functions and equations
- **rational** functions
- **trigonometry**: functions, equations, and identities

### Curricular Competencies

Students are expected to do the following:

- Reasoning and modelling
- Understanding and solving
- Communicating and representing
- Connecting and reflecting

## Important Information:

- **Please keep all devices on SILENT during class.**
- **Late projects** will be accepted with a 50% deduction once the marked projects are returned to students.
- **Chapter tests** will be closed-book and supervised in class. There is **one attempt** allowed on each of the chapter tests and they include multiple choice and written questions. **If you miss it**, it is counted as **zero**. You will be permitted **ONE** excused chapter test this term.
- **Unit tests** are closed-book exams completed in class. They will consist of multiple choice and written questions. You will have the opportunity to do a rewrite on the unit exam on a specific date outside of class time; if you cannot attend the scheduled time, you will not be able to do a rewrite and your first attempt will be your only attempt.
- If you are absent from a class, you must make the effort to contact me; however, you are still responsible for all missed work and must keep up with course work.
- **Please arrive to our classes on time** and expect to stay for the full class time.
- No eating meals in class; small, clean, cold snacks and enclosed drinks are okay.
- **No smoking is permitted on school property.**

## Course Help

- attend every class & take careful notes
- complete all worktext questions before the next class
- complete all projects on time
- take extra time preparing for tests
- form study groups to practice the material



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Please feel free to ask me questions regularly, either during class or via email. Good luck and enjoy Pre-Calculus 12!!!