

CP Summer Assignment Grade 9 to Grade 10

Please find the summer assignment work in the table below. All concepts and skills are revision work from Grades 7 through 9. Completing the work before returning to school will give you a jump start on the first quarter's work.

Complete the following worksheets. If you need help with the concepts, I have provided a content video for you to watch and learn.

The answers are provided for each task. I expect you to

- Check your answers to each sheet
- Tick any correct answers
- Make corrections if they are incorrect
- At the beginning of the school year, you will submit your corrected work as a package with a clear heading for each worksheet.
- There will be an assessment in week 2 covering this content.

Topic	Worksheet	Video Lesson
Equation of a Linear Function. This creates the base level of understanding for more complicated functions	Equation of a Linear Function	1. Finding the Slope 2. Point Slope Formula
Graphing a Linear Function These concepts and skills required for this task will help with the first project.	Graphing a Linear Function	3. Graphing
Averages One of the first units in CP will be statistics. This reviews the skills needed before advancing to more complicated concepts.	Averages	4. Mean Median Mode Range
Box and Whisker Plots Understanding the interquartile range is necessary for the first project.	Box and Whisker Plot Box and Whisker Plots Answers	5. Box and Whisker
Linear Systems - Three Methods Understanding the concepts behind these skills will help with advanced-level problem-solving.	Linear Systems - Graphing Linear Systems - Substitution Linear Systems - Elimination	6. Graphing Method 7. Substitution Method 8. Elimination Method

Substitution Function Notation This is a fundamental skill in algebra that needs to be practised.	Substitution Function Notation	9. Function Notation
Converting Units This is a basic skill used in both mathematics and science that students struggle with.	Converting SI Units	10. Converting SI Units
Exponent Rules and Scientific Notation This is a basic skill used in both mathematics and science that students struggle with.	Operations with Scientific Notation	11. Operations with Scientific Notation
Applying Formula Understanding the concepts behind these skills will help with advanced-level problem-solving.	Formula Worksheet	12. Isolating a variable

This work has been selected as the foundation work required before starting the Integrated Math 3 course. Completion of this work before the beginning of the school year is essential to start the academic year strong.

After you finish your math section you should proceed to the [Science Addendum](#) so as to practice the math skills that are necessary to be successful in Science. To open the Addendum link please open the pdf using Acrobat.

This work is due at the end of the first week back to school. If you need support during the break, you can use Student Tutor Week (August 10-14), where volunteer students are available to help you in the US Library.