

COURSE: Workplace Math 11 (WPM11)

INSTRUCTOR

Chris Brandle

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RECOMMENDED PRE-REQUISITES

Foundations and Pre-Calculus 10 or
Workplace Math 10

CREDITS

4

OVERVIEW

The Big Ideas, Content, and Curricular Competencies for this course can be found here: [WPM11](#)

Big Ideas

[Proportional reasoning](#) is used to make sense of [multiplicative](#) relationships.

Mathematics informs financial [decision making](#).

[3D objects](#) are often represented and described in 2D space.

Flexibility with number builds meaning, [understanding](#), and confidence.

Representing and analyzing data allows us to [notice and wonder](#) about relationships.

The Mathematics curriculum aims to develop deep mathematical understanding and fluency, logical reasoning, analytical thought, and creative thinking. There is a focus on concepts related to number sense, patterns and relations, spatial sense, and statistics and probability. Students actively investigate problems and find solutions. Throughout the course, students will develop a willingness to take risks, experiment, and make logical guesses. They will learn through both their successes and their failures, developing perseverance, competence, and confidence in mathematics.

Topics Covered:

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| <ul style="list-style-type: none"> Financial Literacy: personal investments, loans, and budgeting How probability and statistics are used in different contexts | <ul style="list-style-type: none"> Interpreting graphs in society 3D objects: angles, views, and scale diagrams Rate of change |
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ASSESSMENT

Students will have the opportunity to demonstrate their learning through a variety of means such as tests, quizzes, and written assignments.

REGISTRATION

Please note – vLearn is a District Online School and can only serve students in the SD22 Catchment Area. Grade 8/9 students need approval from their home school administrator to take courses with vLearn. Please use your SD22 email address to register (000000@sd22.bc.ca)



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