



# Lake City Student Course Selection

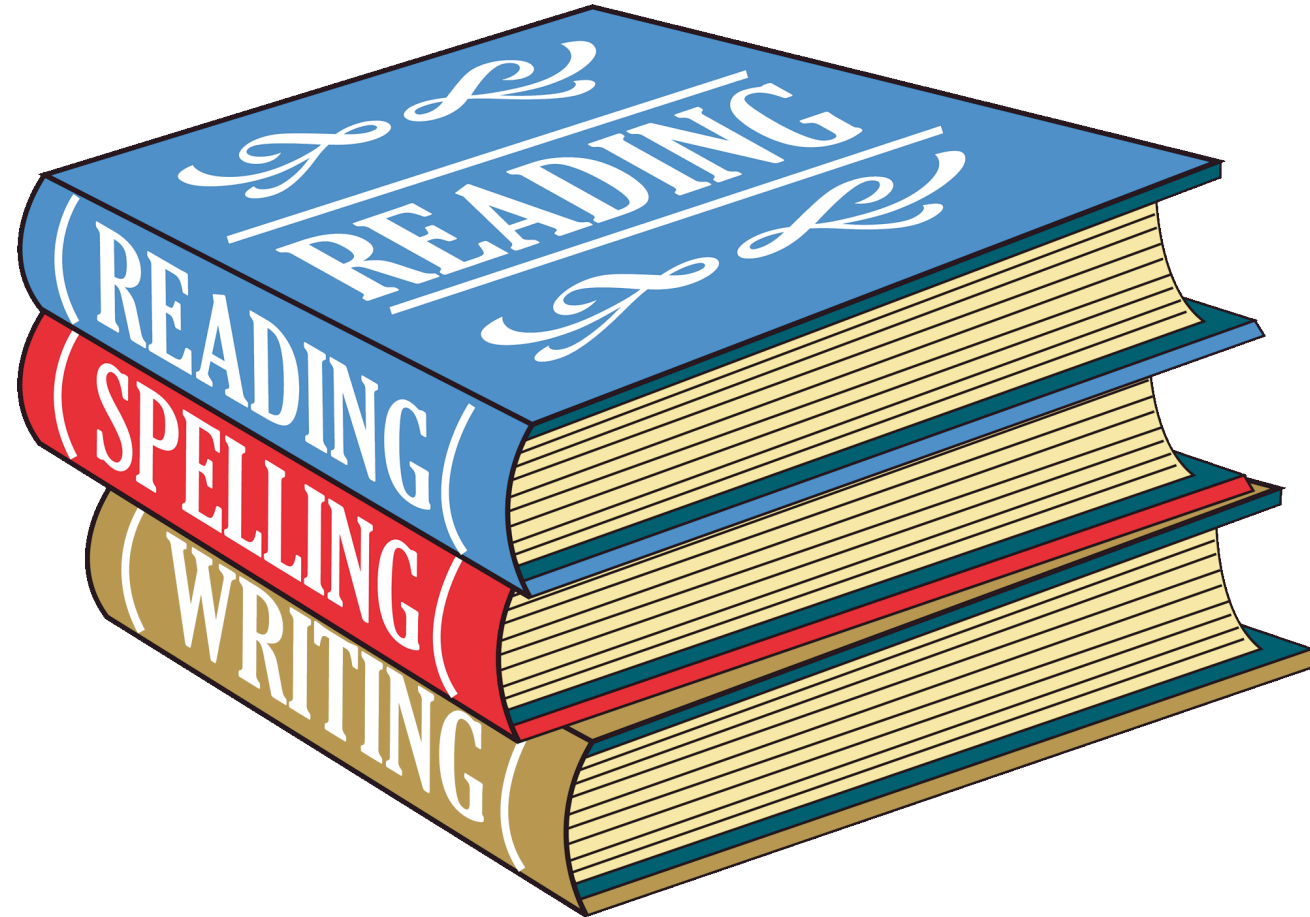
2022 - 2023

# Graduation Requirements

Grade 10	Grade 11	Grade 12
English 10 (made up of 2 modules)	One English 11 course	English Studies 12 <u>or</u> English First Peoples 12
Socials 10	Explorations in Social Studies 11 <u>or</u> any Social Studies 12	Plus 7 electives, at least 3 of which must be at the Grade 12 level
Foundations Pre-Calculus 10 <u>or</u> Workplace Math 10	One Math 11/12 course	Work Experience
Science 10	One Science 11/12 course	CLC 12 (Capstone Project)
Physical & Health Education 10 <u>or</u> Hockey 10 <u>or</u> Aquatics 10	Career Life Connections 12 (Moodle part)	
Career Life Education 10	Plus 4 Electives	
Plus 2 Electives		

A total of 80 credits are required to Graduate

# Language Arts



# Composition 10

- Intimidated by essays? Want to get better at writing for school? Then this is the course for you!
- Build up confidence writing academically and learn the art of essay in Composition 10
- Great prep for anyone interested in college/university





# Creative Writing 10

- Practice reading and writing short stories, poetry, scripts, and much, much more!
- Build confidence in writing your own original pieces by learning about the writing process



# Literary Studies 10

- Like to read? Like to talk about what you're reading? Then this is the class for you!
- Read a variety of different stories and learn how to read for deeper meaning and communicate your thoughts



# New Media 10

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- Tired of reading books? Want to try something new?
- Learn how to read and create digital texts like podcasts, webcomics, videogames, blogs, and other virtual texts in New Media!



# Spoken Language 10

- Do you like to talk to your friends?
- Like to tell stories in front of a campfire?
- Want to build confidence speaking in front of a crowd?
- If you answered yes to any of these questions, then you might want to sign up for Spoken Language!







# English First Peoples Literary Studies 10

- Like to read? Like to talk about what you're reading? Want to read more stories by Indigenous writers? Then this is the class for you!
- Read a variety of different First Peoples stories and build confidence in reading for deeper meaning and communicating your thoughts



## **English First Peoples New Media 10**

- Tired of reading books? Want to try something new?
- Learn how First Peoples are creating digital texts like podcasts, webcomics, videogames, blogs, and other virtual texts in EFP New Media!



# English First Peoples Spoken Language 10

- Do you like to talk to your friends?
- Like to tell stories around the campfire?
- Want to build confidence speaking in front of people?
- Want to learn more about First Peoples oral traditions?
- If you answered yes to any of these questions, then you might want to sign up for EFP Spoken Language!



# English First Peoples Writing 10

- Explore personal and cultural identities, memories, stories, and connections to the land
- Build confidence writing both creatively and academically



- Use text to better understand ourselves and others
- Develop your ability to question, create and communicate
- Topics include:
  - reading novels, stories, poems, plays, articles/essays
  - accessing information from a variety of sources
  - communicating in a variety of ways (essays, stories, fiction and non-fiction)

# Creative Writing 11

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- Want to try writing your own stories, plays, poems, song lyrics, and much, much more?
- Develop and refine your writing skills within a variety of genres
- Gain confidence in writing and self-expression through writing creatively



# Literary Studies 11



- Did you read that bumper sticker above and think, “Me too!”?
- Study literature at an academic level with others who enjoy reading
- Explore different themes, periods, and authors
- Recommended for students interested in pursuing English in University

# New Media 11

- Reading is changing.
- More and more amazing texts are being published digitally rather than in a book.
- Websites, Blogs, Podcasts, YouTube, TikTok, videogames are just the beginning of digital texts.
- Sign up for New Media 11 and learn how to read for the Future





# Spoken Language 11

- Refine oral communication skills through study and practice with increasing independence

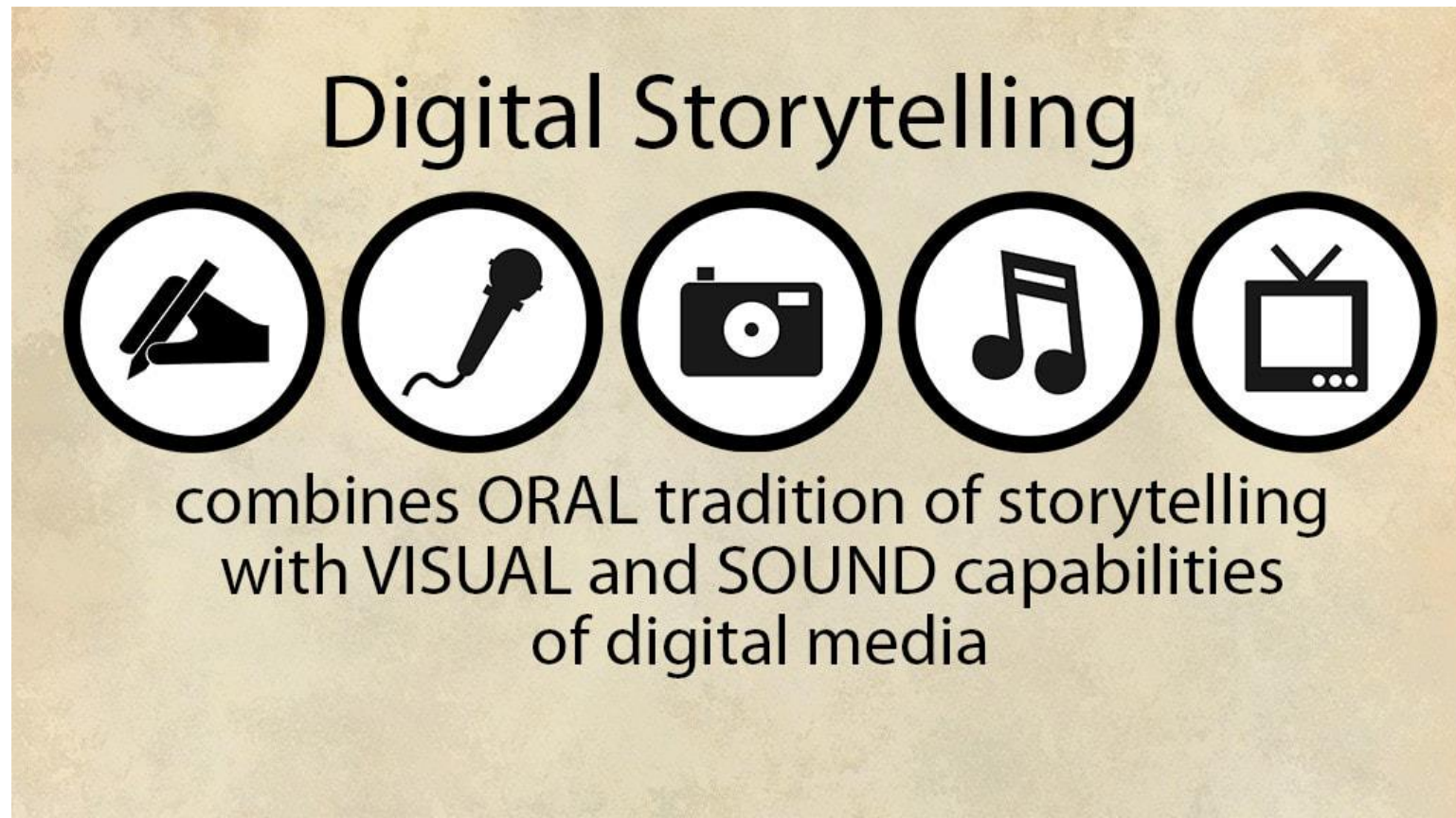
Recommended for students with little to some confidence speaking in front of others and those interested in:

- speech and debate
- oral storytelling
- spoken word poetry/rap
- radio/podcast posts



# English First Peoples Literary Studies & New Media 11

- Learn how digital media is saving and revitalizing First Peoples storytelling traditions.





# First Peoples Literary Studies & Spoken Language 11

- EFP Literary Studies & Spoken Language 11 focuses on First Peoples traditions and storytelling to further develop and explore oral and written literature and create powerful, purposeful oral and written compositions.
- Recommended for **ALL** students interested in studying First Peoples literature and strengthening their oral communication skills.



# English First Peoples Literary Studies & Writing 11

- Read great stories written by Indigenous writers and build more confidence writing on your own!



# English Studies 12

- One of the only Grade 12 courses required for graduation!
- Build the reading and writing skills you'll need for life outside school, whether you are going to university, the trades, or working. No matter where life takes you, there's English Studies 12.





# First Peoples English 12

- English First Peoples 12 is grounded in First Peoples Principles of Learning, building on and extending previous learning in ELA and EFP 10/11.
- Focus on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text, including oral story, poetry, song, performance, film, and prose
- Recommended for **all** students, Aboriginal and non-Aboriginal, interested in focusing on First People literature as an **alternative to English Studies 12**
- Online experiences through Kahoot and Storiumedu

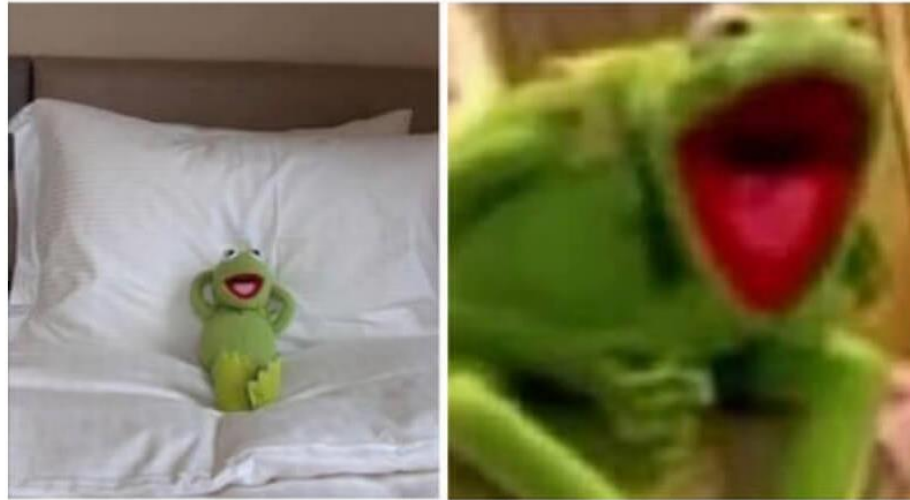




# Composition 12

ELECTIVE

When you finally submit your essay but then realize you forgot to do it in MLA format and cite your sources

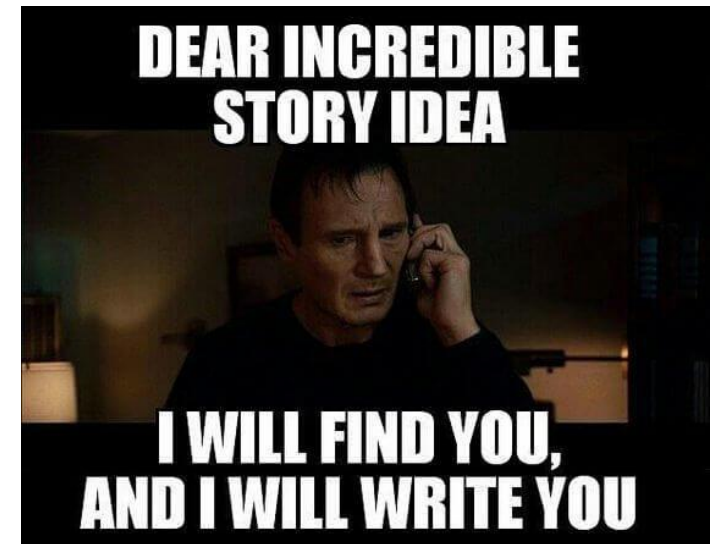
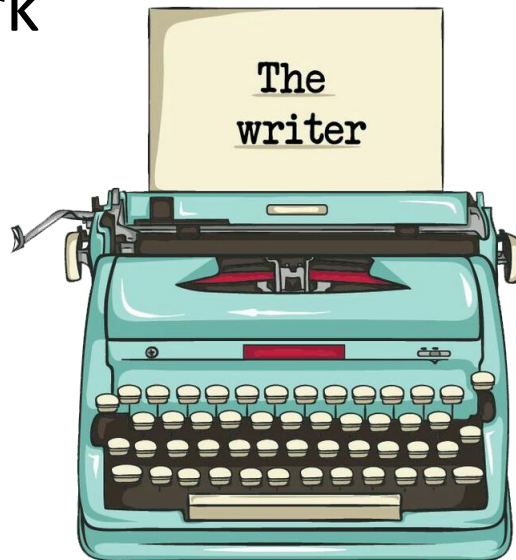


- Don't let this happen to you!
- Sign up for Composition 12 and master the university essay!
- Learn research skills and proper parenthetical citations for academic essays and reports

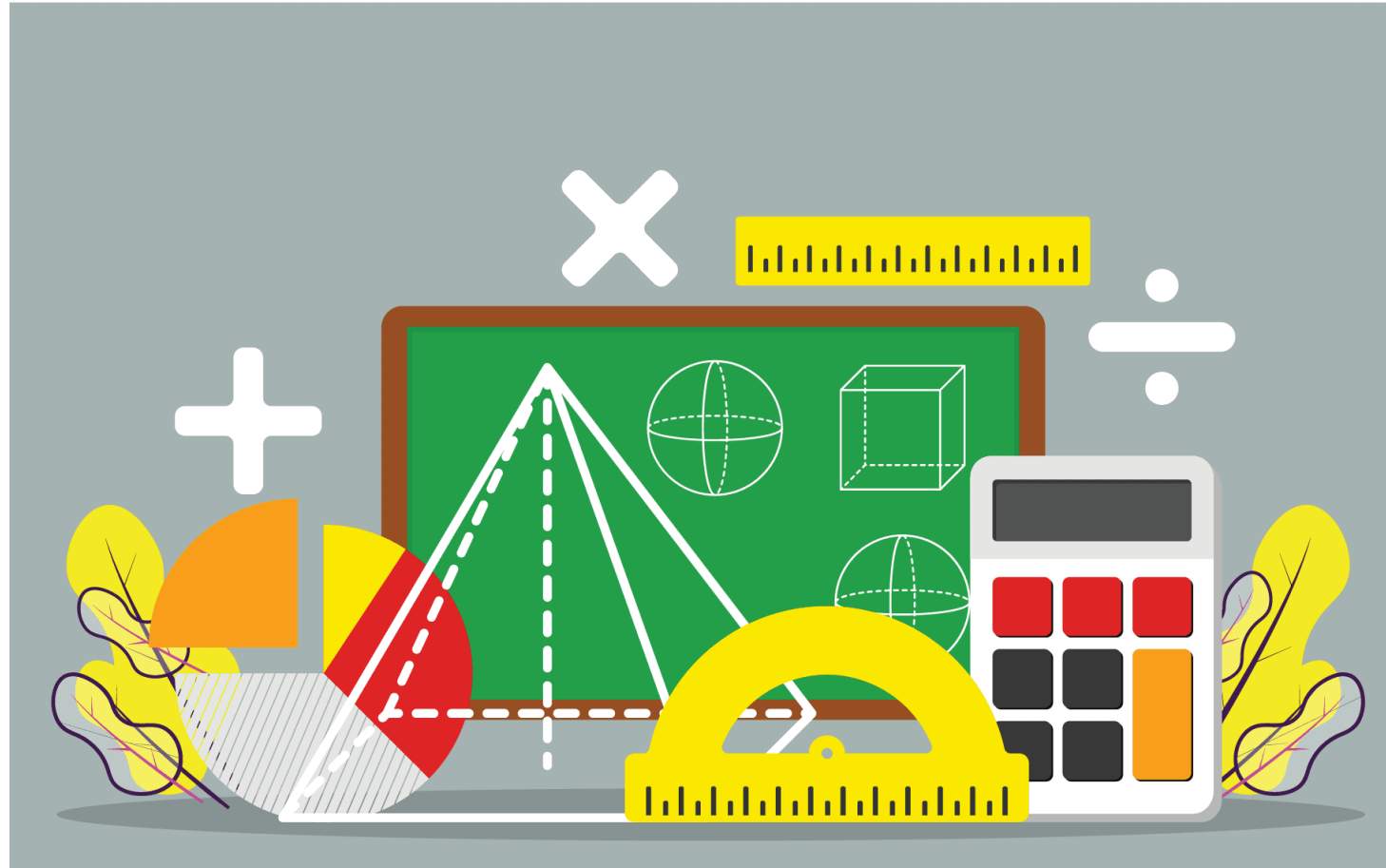
# Creative Writing 12

ELECTIVE

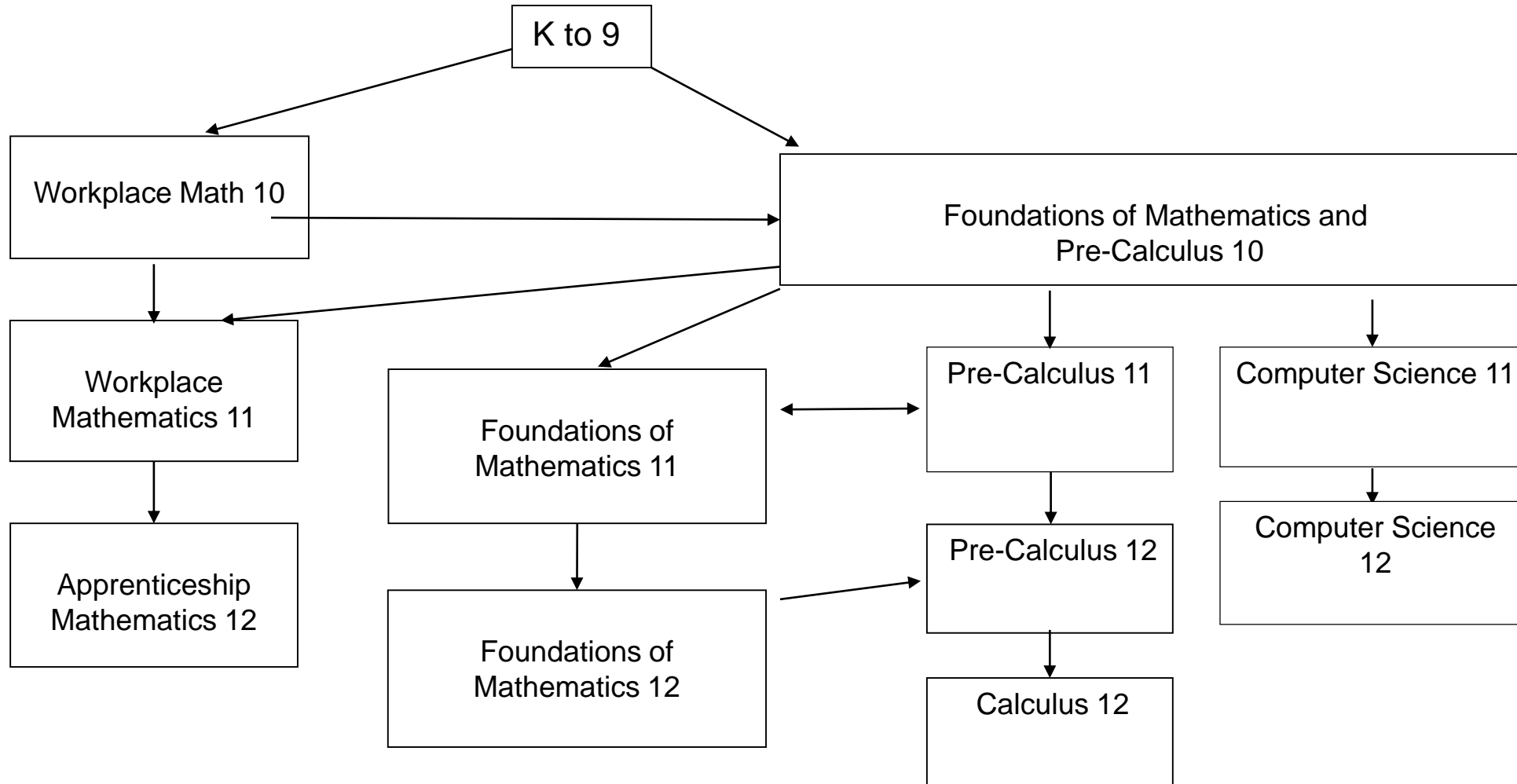
- Are you a writer? Do you want to be? Want to write stories? Novels? RPGs? Poems? Plays? Movies? Songs? Then this is the “write” class for you!
- Create your own projects and write what **YOU** want to write!
- Refine your writing and ability to write in rich, complex styles and produce publishable work



# Mathematics



# Math Pathway for Grades 10 - 12



# Workplace Mathematics 10

- Topics covered in this course include:
- Math conversions
- Graphs,
- Trigonometry
- Probability
- Geometry
- Finance
- Puzzles & Games

$$\frac{\text{cm}}{\text{hour}} \quad \frac{30}{3} = \frac{60}{6}$$

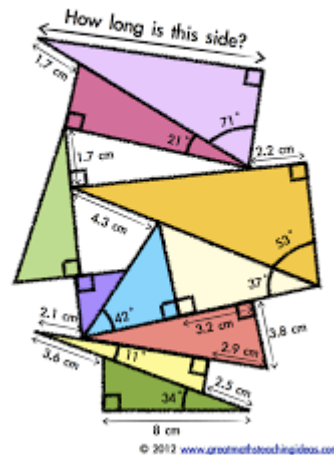
The diagram shows a unit conversion. On the left is the unit  $\frac{\text{cm}}{\text{hour}}$ . To its right is an equation  $\frac{30}{3} = \frac{60}{6}$ . A curved arrow labeled  $\times 2$  points from the numerator 30 to the numerator 60. Another curved arrow labeled  $\times 2$  points from the denominator 3 to the denominator 6.

This course is a basic math course that fulfills graduation requirements. It leans towards some of the trades and basic workforce careers. If you got 59% or less in Math 9 this may be the math for you – if unsure you can check with your Math 9 teacher to see what they recommend.

# Foundations of Mathematics and Pre-Calculus 10



Trigonometry Pile Up!



## Recommended prerequisite:

- **Should have a minimum of 60% in Math 9**

This course is designed to prepare students for post-secondary studies and some of the trades that require a lot of math. This course will prepare students to follow either the Foundations pathway or the Pre-Calculus pathway in grade 11.

## In Foundations of Mathematics and Pre-Calculus 10 the following topics will be covered:

1. Financial Mathematics
2. Right Triangle Trigonometry
3. Exponents and Radicals
4. Polynomials
5. Linear Relations and Functions



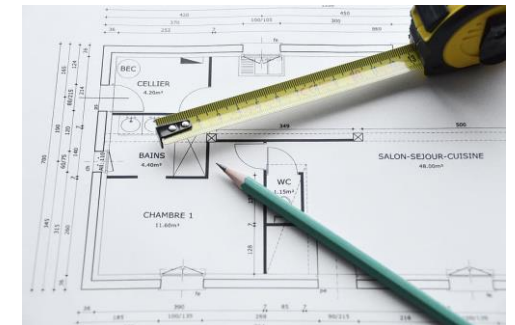
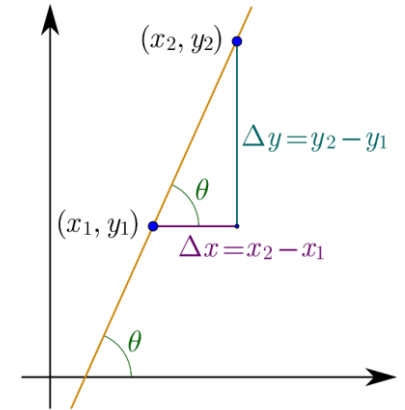
# Workplace Math 11

This course is designed to prepare students for entry into some of the post-secondary vocational (trades) programs and for direct entry into the workforce by providing mathematical understanding and critical-thinking skills

**\*If you took Workplace Math 10 then you should choose Workplace Math 11**

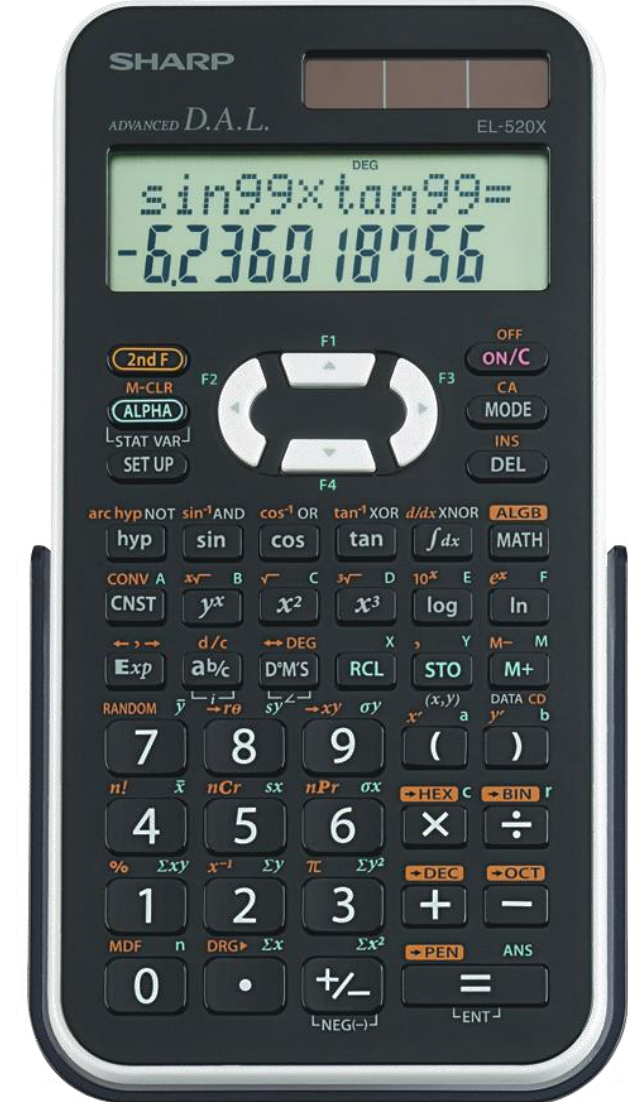
In Workplace Math 11 the following **BIG IDEAS** will be covered:

1. Proportional reasoning used to make sense of multiplicative relationships
2. Mathematics informs financial decision making
3. 3D Objects are often represented and described in 2D space
4. Flexibility with number builds meaning, understanding, and confidence
5. Representing and analyzing data allows us to notice and wonder about relationships



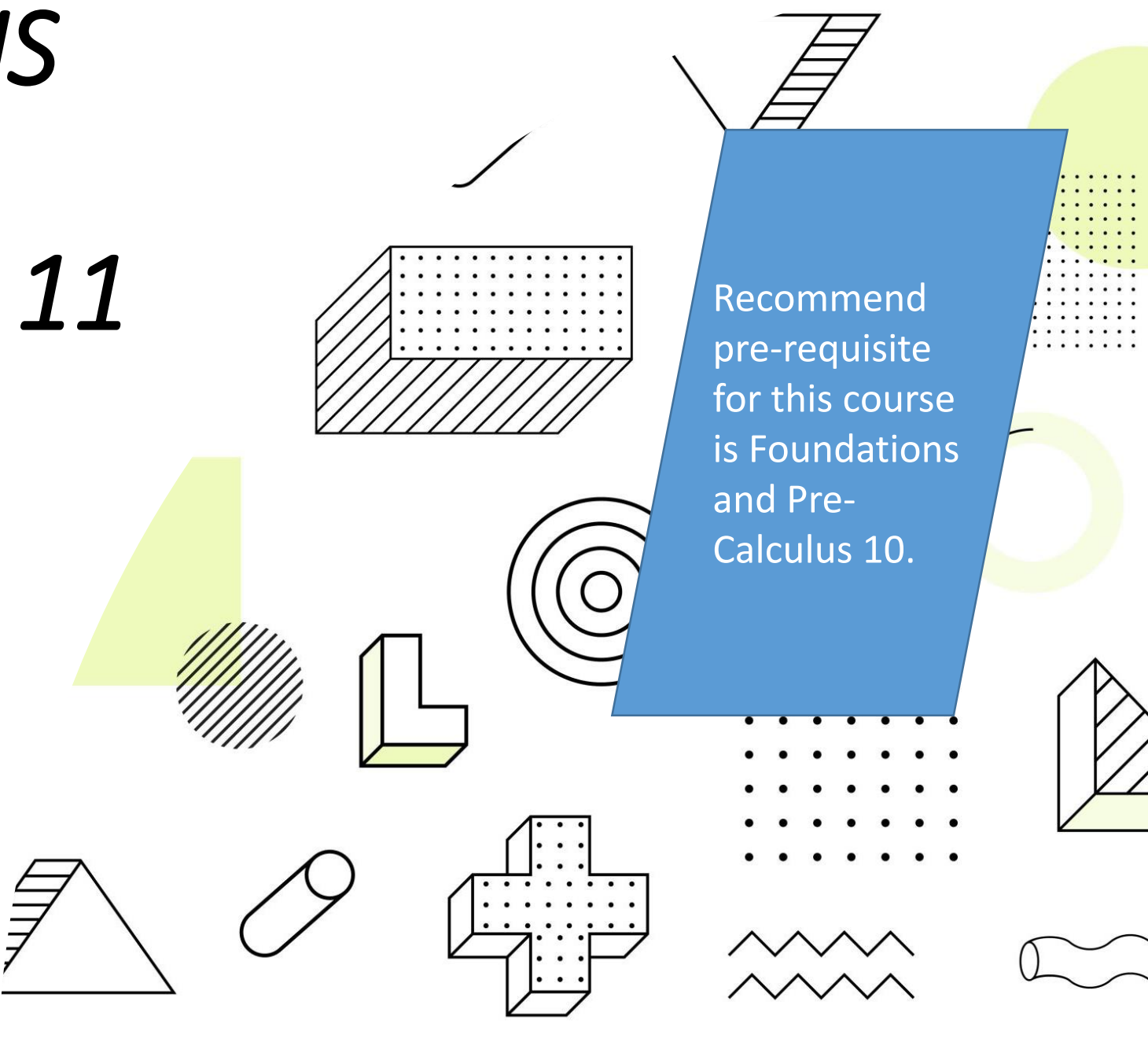
# In Workplace Math 11 the following topics will be covered:

1. Slope and Rate of Change
2. Graphical Representations, interpreting graphs
3. Statistics, how it is used in different contexts
4. Probability, how it is used in different contexts
5. Scale Representations, 3D objects including angles, views and scale diagrams
6. Financial Literacy, personal investments, loans, credit cards, mortgages, banking services, significant purchases
7. Personal Budgets



# *FOUNDATIONS OF MATHEMATICS 11*

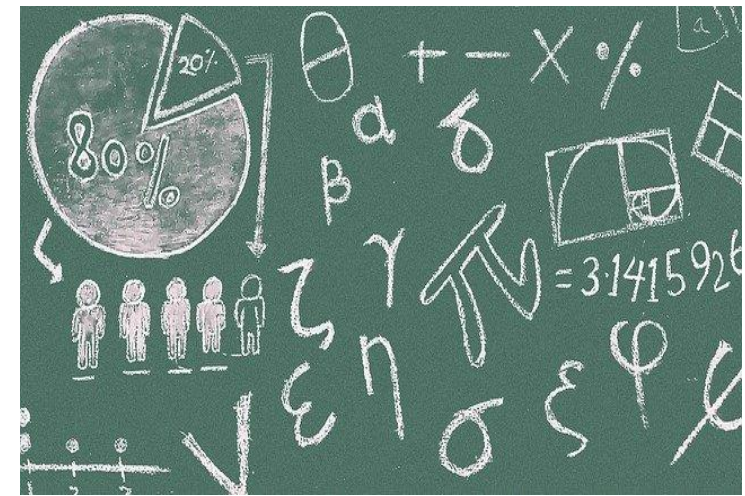
Math skills and materials covered in this course are a combination of workplace equations and pre-calculus functions with statistics data analysis. It is a graduation requirement which fulfills some college and university entrance requirements.

The background of the slide is decorated with various geometric shapes and patterns. These include a large blue parallelogram containing text, a green triangle, a circle with diagonal lines, a 3D L-shape, a target-like circle with concentric rings, a 3D cross, a triangle with a staircase pattern, a cylinder, a wavy line, and several rectangular blocks with different patterns like dots and diagonal lines. Some shapes are solid colors (blue, green), while others are line art or have patterns.

Recommend  
pre-requisite  
for this course  
is Foundations  
and Pre-  
Calculus 10.

# *Foundations Math 11 topics include:*

- **Mathematical reasoning**
- **Geometry**
- **Scale diagrams**
- **Statistics**
- **Linear inequalities**
- **Quadratic functions**
- **Financial math**



**MATH  
ROCKS**



# Pre-Calculus 11

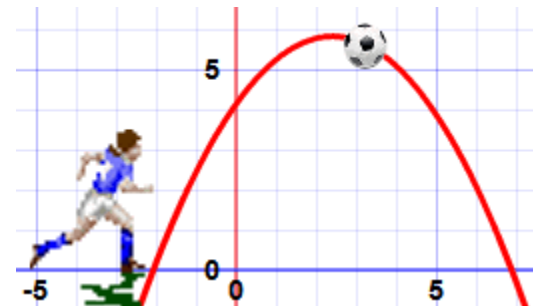


The pre-calculus pathway is designed to prepare students for entry into post-secondary programs that require the study of theoretical calculus such as Mathematics, Sciences or Engineering.

**Pre-Calculus 11** Recommended pre-requisite: Minimum of 67% in Foundations of Math and Pre-Calculus 10

**The following topics will be covered:**

1. Financial literacy
2. Trigonometry
3. Quadratics
4. Functions and Equations
5. Systems of Equations and Inequalities





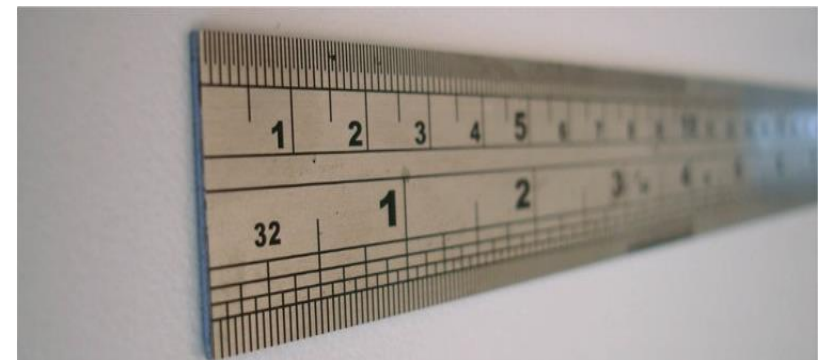
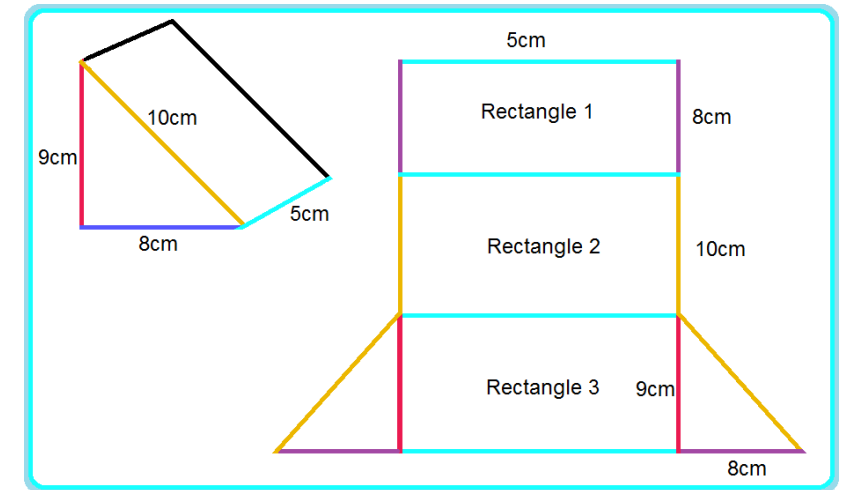
# Apprenticeship Math 12

This elective course is recommended for students who are planning to enter the workforce directly after high school.

Recommended pre-requisite: Workplace Math 11

## The BIG IDEAS for this course are:

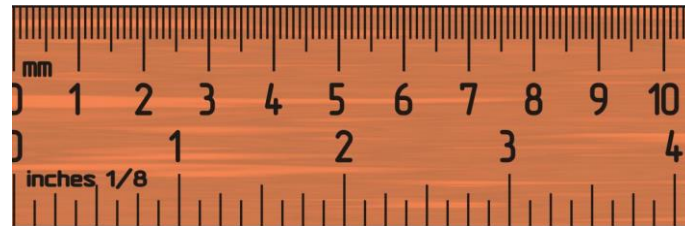
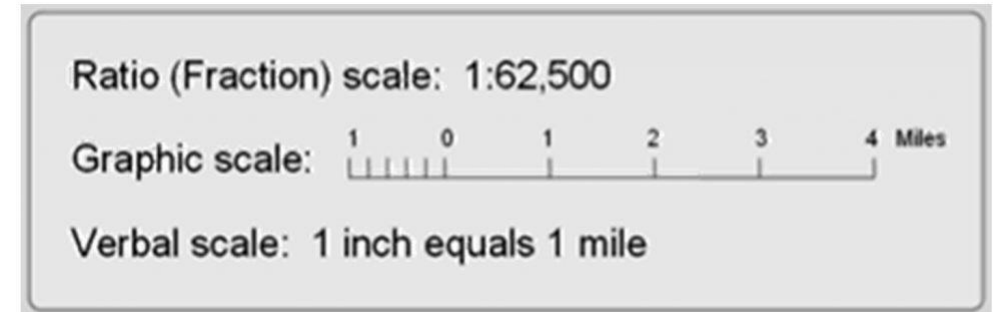
1. Design involves investigating, planning, creating, and evaluating
2. Constructing 3D objects often requires a 2D plan
3. Transferring mathematical skills between problems requires conceptual understanding and flexible thinking
4. Proportional reasoning is used to make sense of multiplicative relationships
5. Choosing a tool based on required precision and accuracy is important when measuring



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# In Apprenticeship Math 12 the following topics will be covered:

1. Measurement; metric and imperial
2. Trigonometry and similar triangles
3. Surface area, volume, and Capacity (2D and 3D shapes)
4. Scale drawings and representations (3D objects)
5. Financial Literacy: Loans and owning a small business
6. Mathematics in the workplace



# Foundations Math 12

Recommended for students who are planning to pursuing post-secondary studies that do not require Pre-calculus 12.

Recommended pre-requisite: completion of either Pre-Calculus 11 or Foundations Math 11.



# Foundations Math 12 topics include:

- Financial math
- Logical reasoning
- Probability
- Combinatorics
- Geometry
- Relations & functions
- Regression analysis



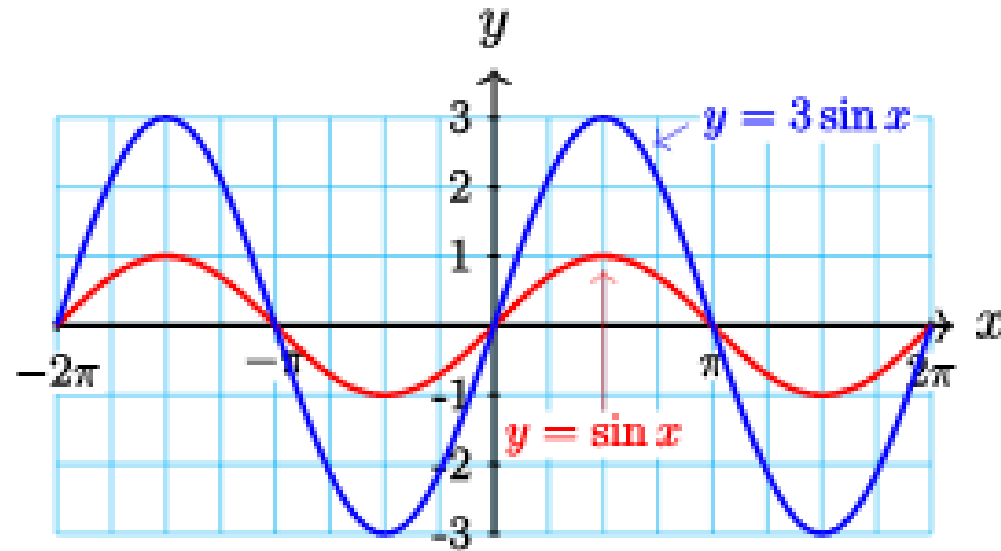
# Pre-calculus 12

For students pursuing post-secondary programs that require the study of theoretical calculus such as Mathematics, Sciences or Engineering.

Recommended pre-requisite: Minimum of 67% in Pre-Calculus 11

The following topics will be covered:

- Transformations and Functions
- Trigonometry
- Logarithmic Functions
- Equations and Functions





# Calculus 12

**Calc 1 - Derivatives**

$$\frac{d}{dx} \left[ \frac{1}{x} \right] \quad \frac{d}{dx} \left[ x^2 \sin x \right]$$
$$\frac{d}{dx} \left[ \sqrt{x} \right] \quad \frac{d}{dx} \left[ \frac{5x+6}{3x-7} \right]$$

**Recommended prerequisite:**

**Pre-Calculus 12 (B or higher)**

Calculus 12 is strongly recommended for students who will be required to take Post Secondary Mathematics (Calculus) in the Science, Engineering or Mathematics fields.

**In Calculus 12 the following BIG IDEAS will be covered:**

1. The **concept of a limit** is foundational to calculus.
2. Differential calculus develops the concept of **instantaneous rate of change**.
3. Integral calculus develops the concept of determining a product involving a **continuously changing** quantity over an interval.
4. Derivatives and integrals are **inversely related**.

In Calculus 12 the following topics will be covered:

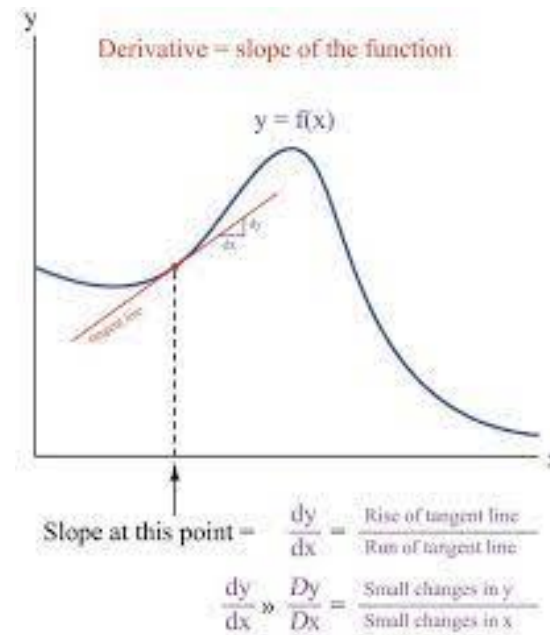
- functions
- limits
- derivatives
- maximum/minimum, optimization, and rate problems
- integration

### Definition of Derivative

Derivative of  $f(x)$  at  $x = a$

$$f'(a) = \lim_{h \rightarrow 0} \frac{f(a+h) - f(a)}{h}$$

$$f'(a) = \lim_{x \rightarrow a} \frac{f(x) - f(a)}{x - a}$$



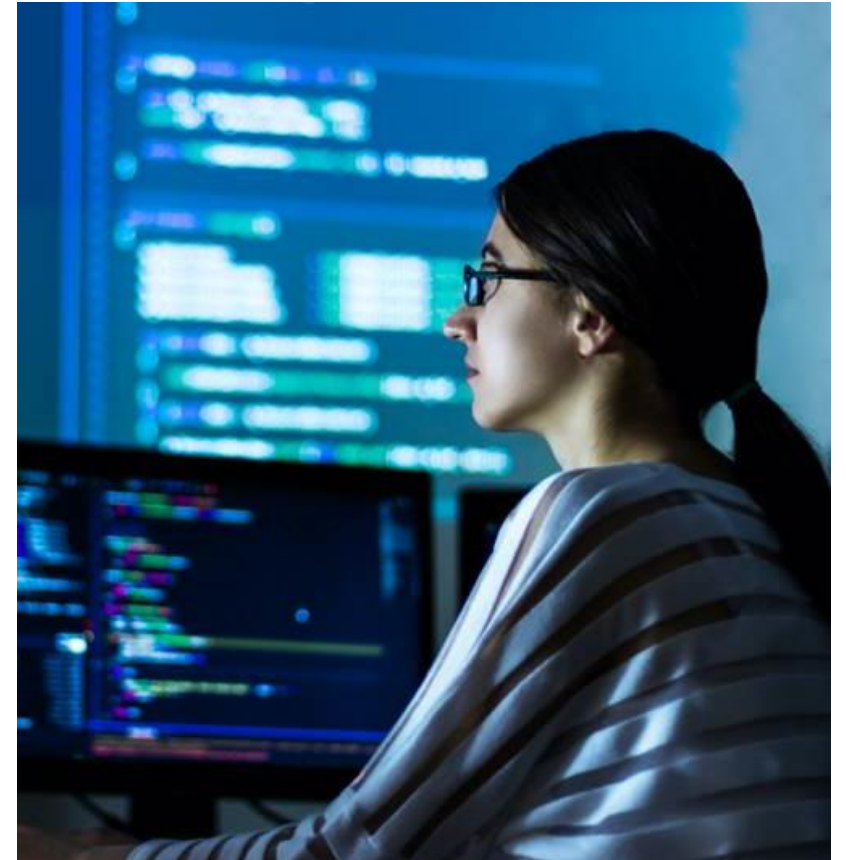
# COMPUTER SCIENCE 11/12

\*These courses count for Math 11/12 credits. However, if you wish to pursue Computer Science in post-secondary, it is highly recommended that you also take Pre-Calculus 11 or Math Foundations 12.\*

Learn how to build with code!

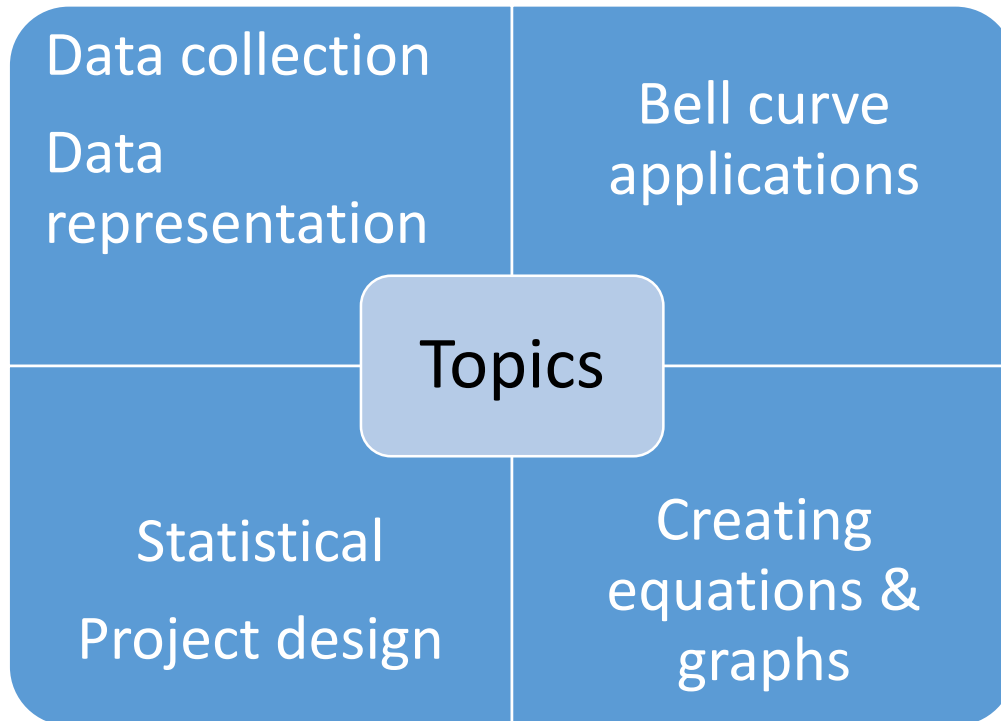
**Comp Sci 11:** You will learn the foundations of Computer Science and explore how technology can impact the world! The course covers the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. The main programming language used is JavaScript, one of the leading industry standards.

**Comp Sci 12:** Builds on the foundations established in Comp Sci 11. You will also have the opportunity to develop a programming portfolio that reflects your interests.



# Statistics 12

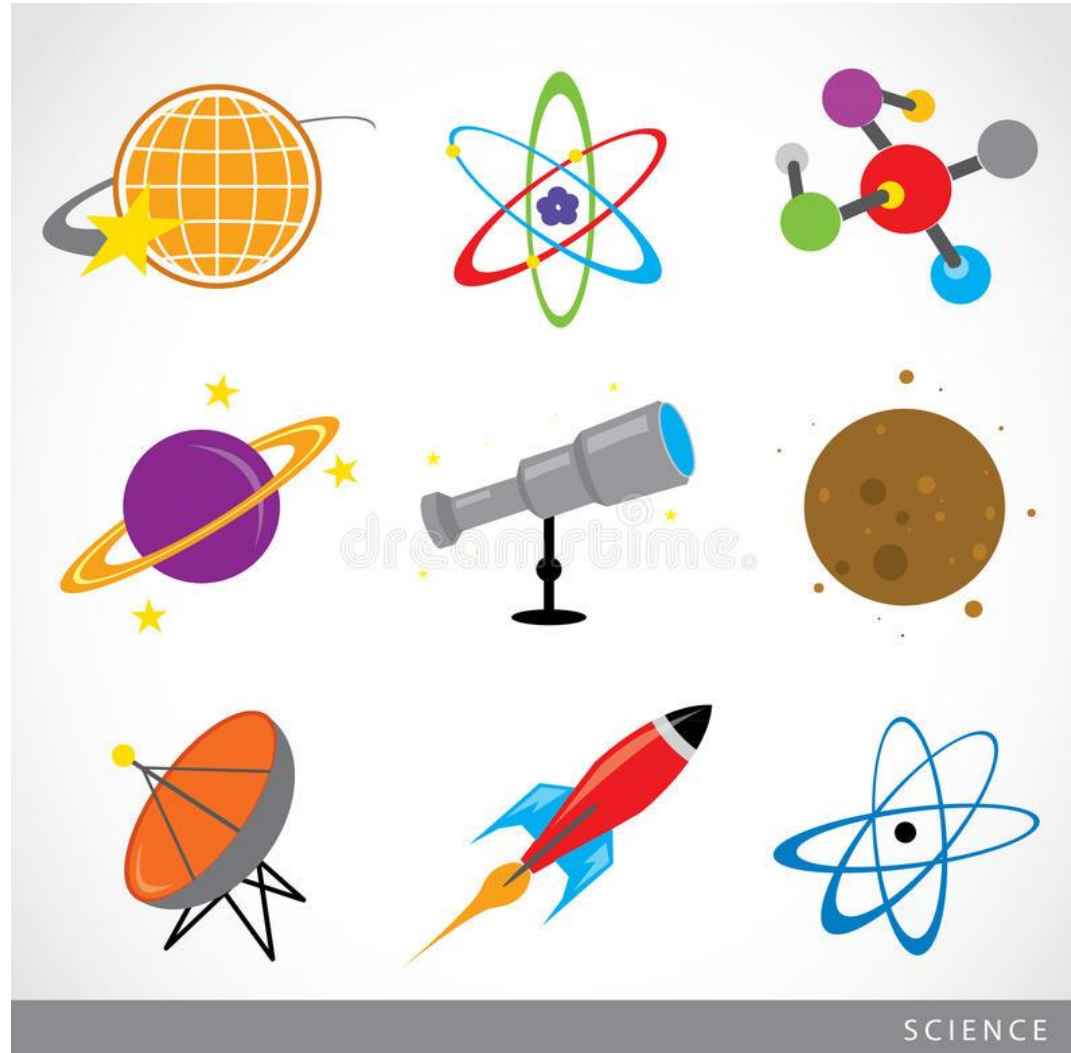
**Recommended pre-requisite:** completion of Foundations of Math 11 or Pre- Calculus 11



This course is a B.C. Ministry approved course that accounts for 4 elective credits at the grade 12 level. It is geared towards academic topics which are important to many fields of study in University. Students will collect data, make graphs, create equations, and analyze data.



# Sciences





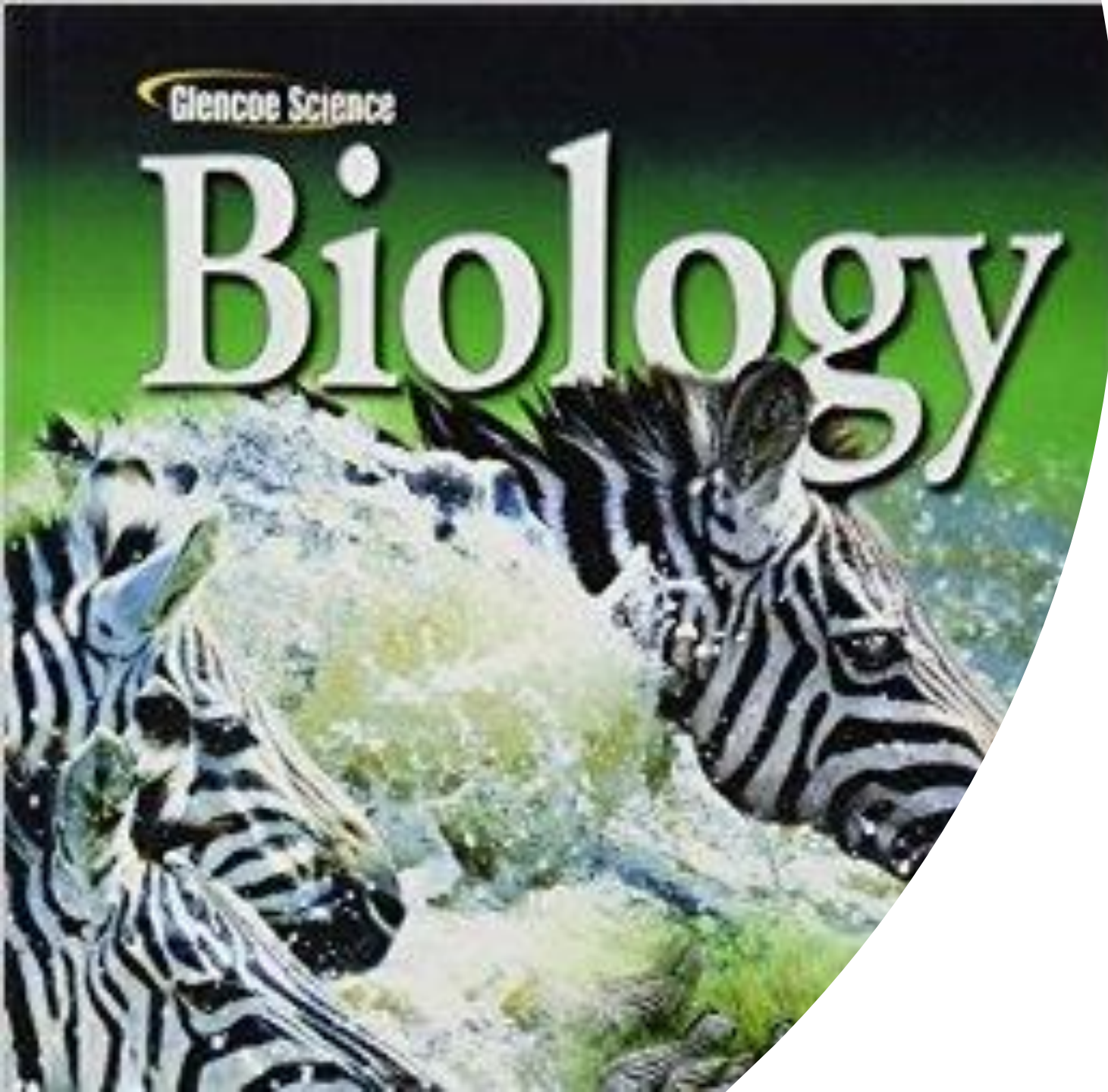


# Earth Science 11

\*recommended pre-requisite:  
completion of Science 10

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- Topics covered include:
- Geology
- Astronomy
- Oceanography
- Meteorology
- Resources and the Environment



# Life Sciences 11

Formerly known as Biology 11

This academic course focuses on learning about three "Big Ideas":

- 1) Life is a result of interactions at the molecular and cellular level
- 2) Evolution occurs at the population level
- 3) Organisms are grouped based on common characteristics Subtopics include: -Evolution -Microbiology - Plant and Animal diversity

Recommended to have at least a C+ in Science 10



# Chemistry 11

Periodic Table of the Elements

The periodic table displays elements from Hydrogen (H) to Oganesson (Og). It is color-coded by groups: Group 1 (pink), Group 2 (purple), Groups 3-10 (blue), Groups 11-18 (yellow), and the Lanthanide/Actinide series (green). The table is organized into rows and columns, with groups labeled at the top and bottom. The Lanthanide and Actinide series are shown separately at the bottom.

## Recommended prerequisites:

- **Foundations & Pre-Calculus 10**
- **Science 10**

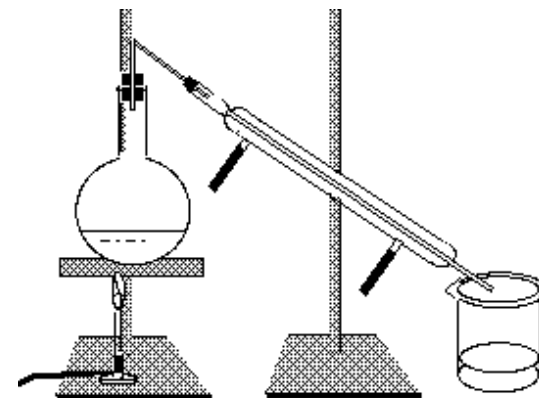
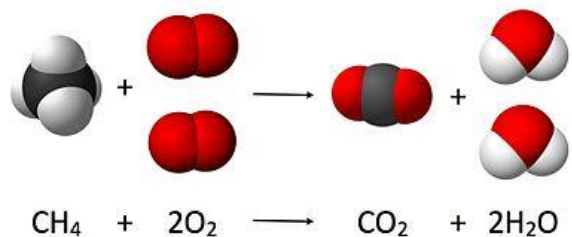
Chemistry 11 builds on skills first introduced in Science 10 and Foundations & Pre-Calculus 10. As such, a minimum grade of **67%** is recommended in the above courses in order to experience success in this science course.

## In Chemistry 11 the following BIG IDEAS will be covered:

1. **Atoms and Molecules** are building blocks of matter.
2. **Organic Chemistry** and its applications have significant implications for human health, society, and the environment.
3. The **MOLE** is a quantity used to make atoms and molecules more measurable.
4. Matter and Energy are conserved in **CHEMICAL REACTIONS**.
5. **SOLUBILITY** within a solution is determined by the nature of the solute and solvent.

## In Chemistry 1 1 the following topics will be covered:

- unit conversion and measurement
- separation of matter techniques
- inorganic nomenclature
- writing, completing, balancing, and classifying chemical reactions
- the mole
- stoichiometry
- intramolecular and intermolecular chemical bonding
- quantum mechanical models, electron configuration, & Lewis structures
- enthalpy and chemical reactions
- trends on the periodic table
- analysis techniques
- organic chemistry

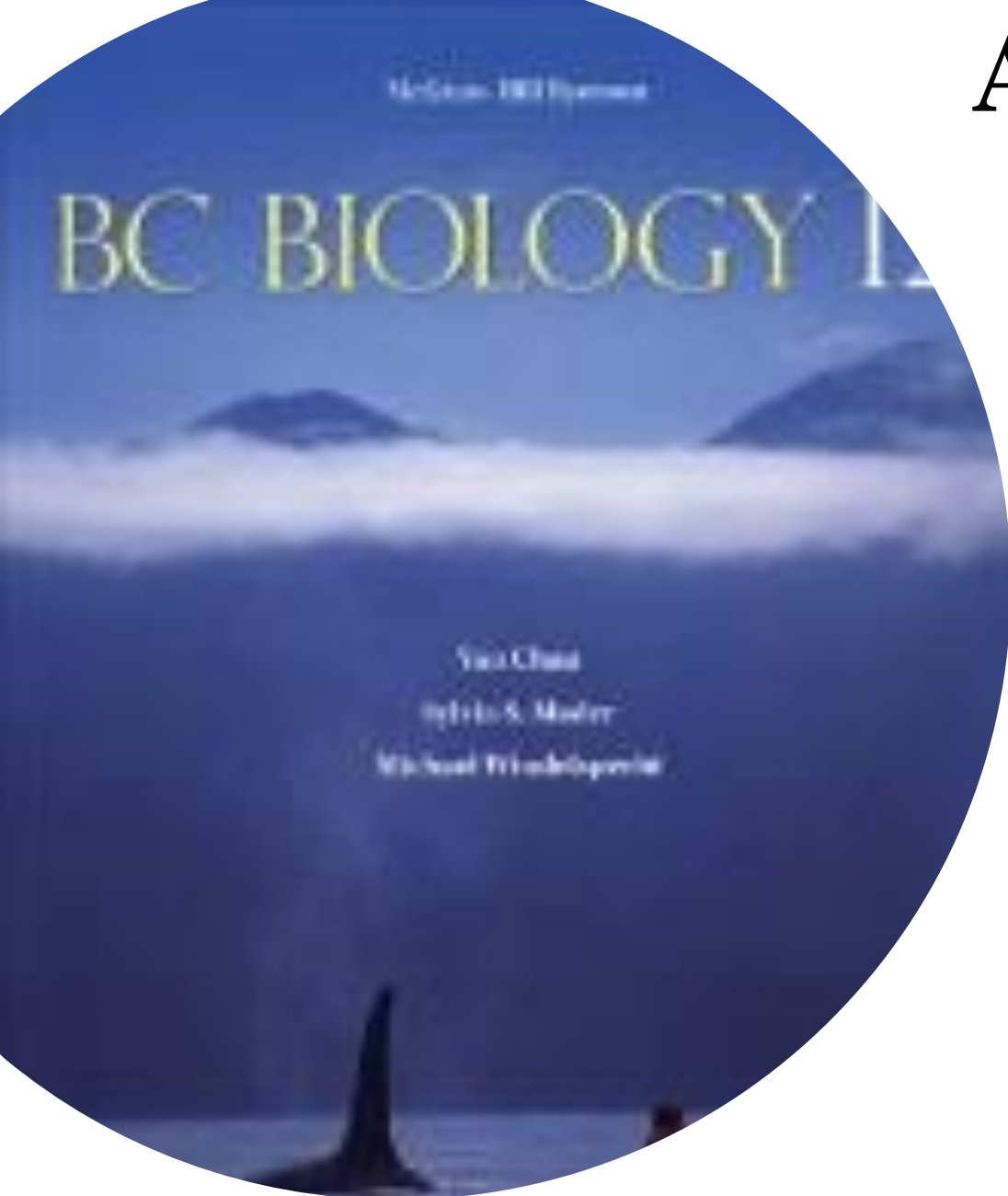


# Physics 11

\*Foundations and Pre –Calculus 10 is a recommended pre-requisite

- Academic, fast paced course - students are expected to be self-motivated and turn in daily assignments on time
- There will also be opportunities to work on projects and kinematic lab sessions
- Some of the topics include:
  - Kinematics (How objects move)
  - Force and Energy
  - Power and Efficiency
  - Simple Machines
  - Waves and Light
  - Life Applications of physics





# Anatomy & Physiology 12

Formerly known as Biology 12

Anatomy & Physiology 12 is a high level academic course which focuses on developing student understanding of the scientific inquiry model while learning about three "Big Ideas":

- 1) Gene expression, through protein synthesis, is an interaction between genes and the environment.
- 2) Organ systems have complex interrelationships to maintain homeostasis.
- 3) Homeostasis is maintained through physiological processes.

Recommended to have at least a C+ in Science 10 or Life Sciences 11

# Chemistry 12

Periodic Table of the Elements

The periodic table displays elements from Hydrogen (H) to Oganesson (Og). It is color-coded by groups: 1A (pink), 2A (light blue), 3A-10A (various shades of blue and green), 11A-12A (yellow), 13A-18A (orange and red), and the Lanthanide and Actinide series (various shades of green and blue). The table is organized into rows and columns, with the Lanthanide and Actinide series shown separately at the bottom.

## Recommended prerequisites:

- **Pre-Calculus 11 or Foundations 11**
- **Chemistry 11**

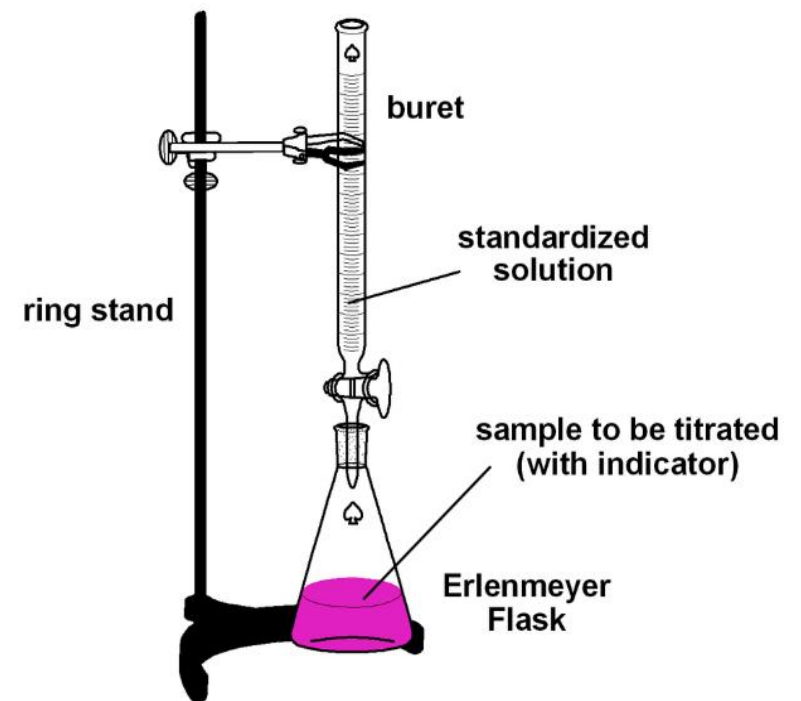
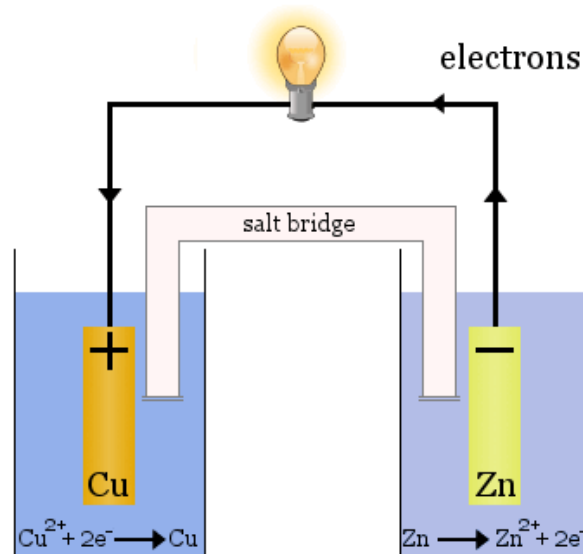
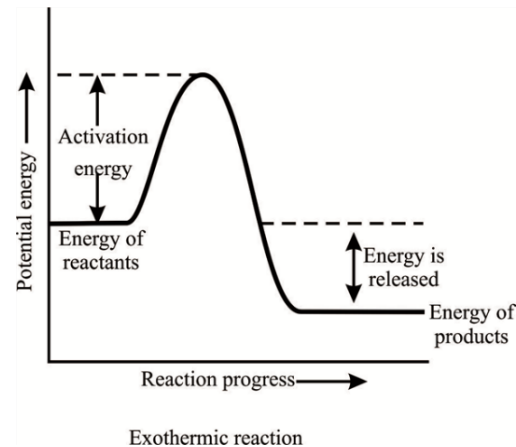
A minimum grade of **67%** in Chemistry 11 and Pre-Calculus 11 or Foundations 11 is recommended for the student to be successful in this challenging science course.

In Chemistry 12 the following BIG IDEAS will be covered:

1. Reactants must collide to react, and the reaction rate is dependent on the surrounding conditions.
2. Dynamic equilibrium can be shifted by changes to the surrounding conditions.
3. Saturated solutions are systems in equilibrium.
4. Acid or base strength depends on the degree of ionization (dissociation).
5. Oxidation and reduction are complementary processes that involve the loss or gain of electrons.

# In Chemistry 12 the following topics will be covered:

- reaction kinetics
- energy change during a chemical reaction
- reaction mechanisms
- dynamic chemical equilibrium
- equilibrium shift
- equilibrium constant -  $K_{eq}$
- saturated solutions and solubility product constant –  $K_{sp}$
- water as an equilibrium system
- relative strength of acids and bases in solution
- $K_a$ ,  $K_b$ , and  $K_w$
- titration
- hydrolysis of ions in salt solutions
- pH and pOH
- oxidation – reduction process
- electrochemical cells
- electrolytic cells



# Physics 12

Recommended pre-requisite: Pre-Calculus 11

- Physics 12 is an academic elective course
- Students are expected to be self-motivated and turn in daily assignments on time
- There will be opportunities to work on projects and kinematics lab sessions

Some of the topics include:

- Reference Frame/ Relativity Force Balancing
- Circular/ Planetary Motions
- Gravitational Force/ Energy
- Electro-Magnetic Force/ Field
- Life Applications

# Social Studies





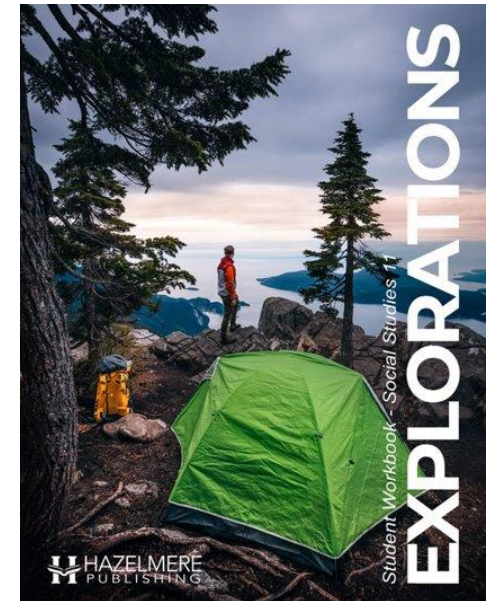
# Explorations in Social Studies 11

- **Topics include:**

- Unit 1: Twentieth Century World History
- Unit 2: Political Studies
- Unit 3: Economic Theory and Practice
- Unit 4: Human and Physical Geography
- Unit 5: Social Justice

- **Activities include:**

- Class Debates
- Critical Thinking exercises
- Written response
- Research Projects
- PowerPoint Projects



# 20<sup>th</sup> Century History



# Explore History of the 20<sup>th</sup> Century!

- **Topics include:**

- WW1
- Russian Civil War
- Great Depression
- Rise of Dictators
- WW2
- Cold War
- Civil Rights movements
- Middle East Conflicts
- And much more!

- **Activities include:**

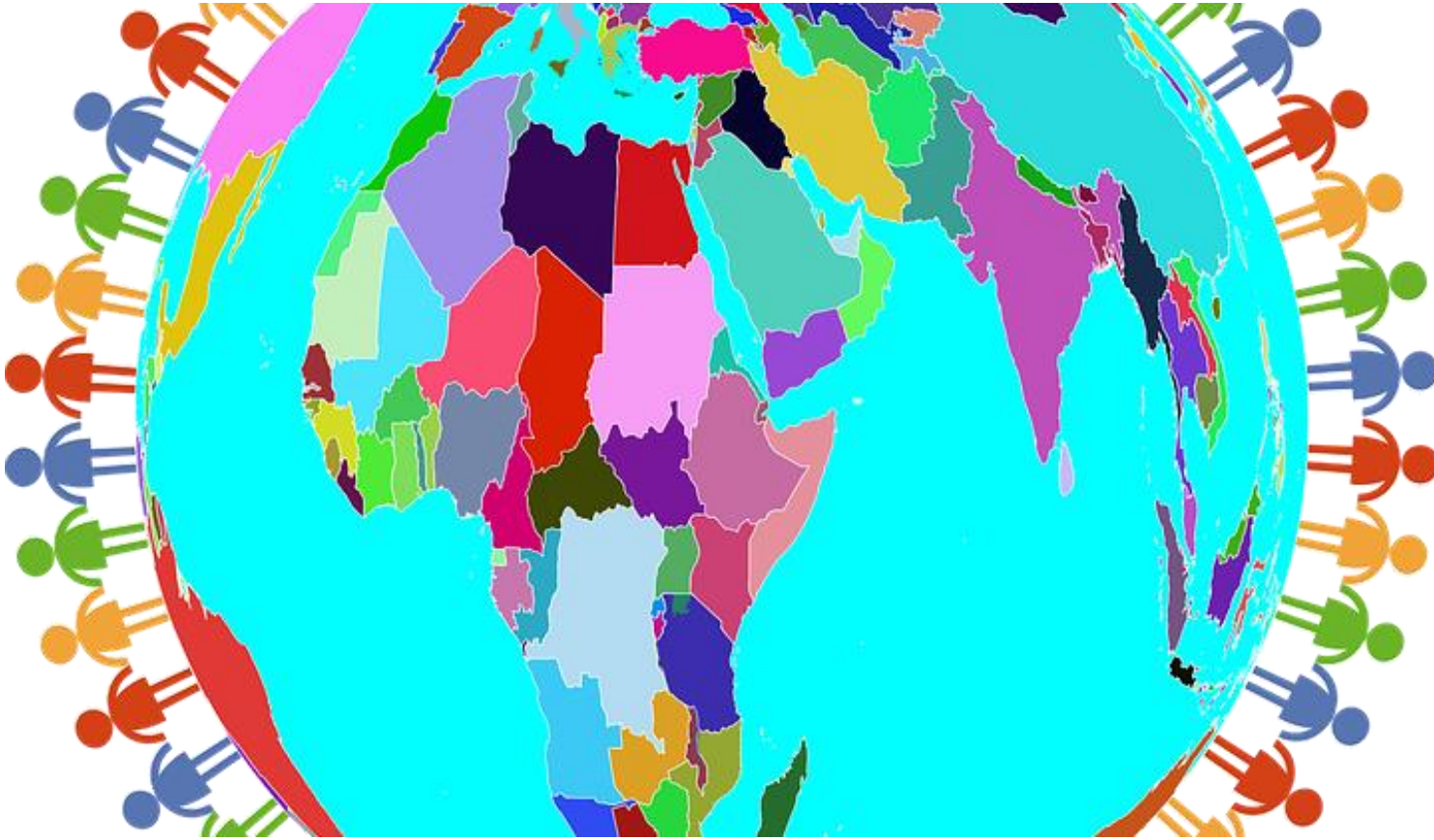
- Class Debates
- Critical Thinking exercises
- Written response
- Research Projects
- PowerPoint Projects



# Genocide Studies 12

This course demands a mature attitude, curiosity about world history, and a drive to explore human nature. In Genocide Studies 12, we not only learn about crimes against humanity and atrocities committed around the world, but also look at genocide prevention and what we might do to stop the worst kinds of evil from happening in the future. Students will write essays, plan presentations, respond to films and complete regular quizzes.





## Human Geography 12

- Understand how the world, its people and its physical features are interconnected
- examine how humans both alter our landscape (resource extraction) and how the landscape alters human existence (where we are able to live)
- topics include climate change, population, natural disasters, relief organizations, culture, urban/rural living, globalization



# Law 12

Law 12 can be taken as a Social Studies 11/12 graduation pre-requisite or as a grade 12 elective. Law 12 can be used to apply for a variety of university programs across B.C.

Topics include:

- introduction to the Canadian legal system
- criminal law
- civil law
- family law
- Indigenous legal issues.



A passing grade in  
Grade 10 Social  
Studies is required.

A group of four diverse students are gathered around a table in a library, smiling and engaged in conversation. They are surrounded by tall bookshelves filled with books. The scene is dimly lit, with the primary light source coming from the students' faces and the ambient light of the library.

# Social Justice 12

Would you like to learn to be a leader in your community? Do you care about people around you who face extraordinary challenges only because of who they are? This may be your class. In Social Justice 12 we will explore themes of identity, equality, human rights, justice, power, privilege, and oppression. Through lectures, reading, films, discussion, research and presentations we will grow our knowledge of social justice issues in Canada and beyond and learn some strategies to help us act.

# BC First Peoples 12

- This course contains a brief overview of life in North America prior to the European arrival. Students will study the past and present culture of the First Peoples of the Cariboo-Chilcotin with the intent of promoting cross cultural understanding.
- Topics include: Relationships to the Land, The Historical Journey, The Legacy of Colonialism and Cultural Expression





# Contemporary Indigenous Studies 12

- Explore the identities and worldviews of Indigenous people across the globe
- Explore the balance and interconnection of family, community, language, culture, and the land
- Investigate the advocacy and assertion of the Indigenous rights to self-determination, explore the process or reconciliation in Canada including the Final Report of the Truth and Reconciliation Commission of Canada and its Calls to Action





# Physical Education





# Physical Health Education 10



- Students in PHE 10 can expect to try a variety of physical activities while learning about goal setting and healthy choices. Students will also participate in a variety of fitness activities that will help them lead an active and healthy lifestyle.

- Examples of Class Activities:
  - Cooperative Games
  - Basketball
  - Volleyball
  - Soccer
  - Healthy Relationships
  - Badminton
  - Pickleball
  - Skating
  - Softball
  - Hiking
  - Floorball
  - Weight Training
  - Fitness

# Active Living 11/12



- The focus of Active Living 11/12 is to participate and perform in meaningful and enjoyable learning experiences that will prepare students for a healthy and active adult life

- Examples of Class Activities:
  - Cooperative Games
  - Basketball
  - Volleyball
  - Soccer
  - Flag Football
  - Badminton
  - Pickleball
  - Skating
  - Softball
  - Hiking
  - Floorball
  - Weight Training
  - Fitness





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# Fitness and Conditioning 11/12

- Circuits
- Tabata Workouts
- Weight Room
- Fitness Runs

Individual Workouts  
Warm-up Activities  
Yoga



# Outdoor Education 11/12



- This course will focus on outdoor activities, involvement in community, and mini units designed to develop aspects of sports and recreation, rather than that of “performer” or “player”
- We will focus on areas such as coaching, refereeing, injury analysis and prevention, sports psychology, and event organization
- Alternate activities in the outdoors in our community will be sought out such as fishing, fly tying, mountain biking, etc



# Lake City Hockey Program



- No experience necessary, focuses on skill development, fitness, team building.
  - Cost - \$200
- **Three Main Components**
  - **Total Ice Tuesday:** every Tuesday, travel to Total Ice. On ice skill development, off ice fitness training with coaches Tasha Johnson, Tyrel Lucas and Terry Duff
    - **On Ice Sessions:** three days a week, on ice skill development through drills and small area games with Coach Duff
  - **Dry Land Friday:** Take a break from hockey and develop as an all around athlete. Also play Floorball and develop those sick dangles.



# AQUATICS 10, 11-12

At the Pool EVERY class  
Lifesaving Skills (Lifeguarding)  
Bronze Medallion / Cross – Royal Life  
Aquatic First Aid and CPR  
Personal Stroke Improvement and Fitness  
Coaching NCCP / Teaching / Mentoring  
Water Sports / Games  
Cost - \$150



# CORE 10 Description

In this elective course you can learn:

- Both Land and Animal Conservation
- Predator-Prey Cycle
- Firearm Safety
- Animal and Bird Identification
- Ethics
- Laws and Regulation
- Survival
- Indigenous hunting practices
- Other options include fishing, map and compass and other outdoor activities



Mule Deer

Cougar





# CORE 10 Activities Include:

- Conservation Projects
- Wild Meat Cook Off
- Range Skills
- Animal Tracking + Recognition
- Take the Core 10 class to learn about your:  
Environment, Hunting/Fishing Heritage, Firearm  
Safety and much more!
- Students have the opportunity to acquire a BC Fish  
and Wildlife Identification Number

This course is open to students in Grades 10/11/12

# Arts Education





# Ceramics and Sculpture 10/11



- Wheel Throwing
- Clay Hand building
- Mask making
- Ceramic / Mosaic Murals
- Figurative sculpture
- Jewelry Making





# Ceramics and Sculpture 12



- Development of personal style in 3D media of your choice using theme based ideas:

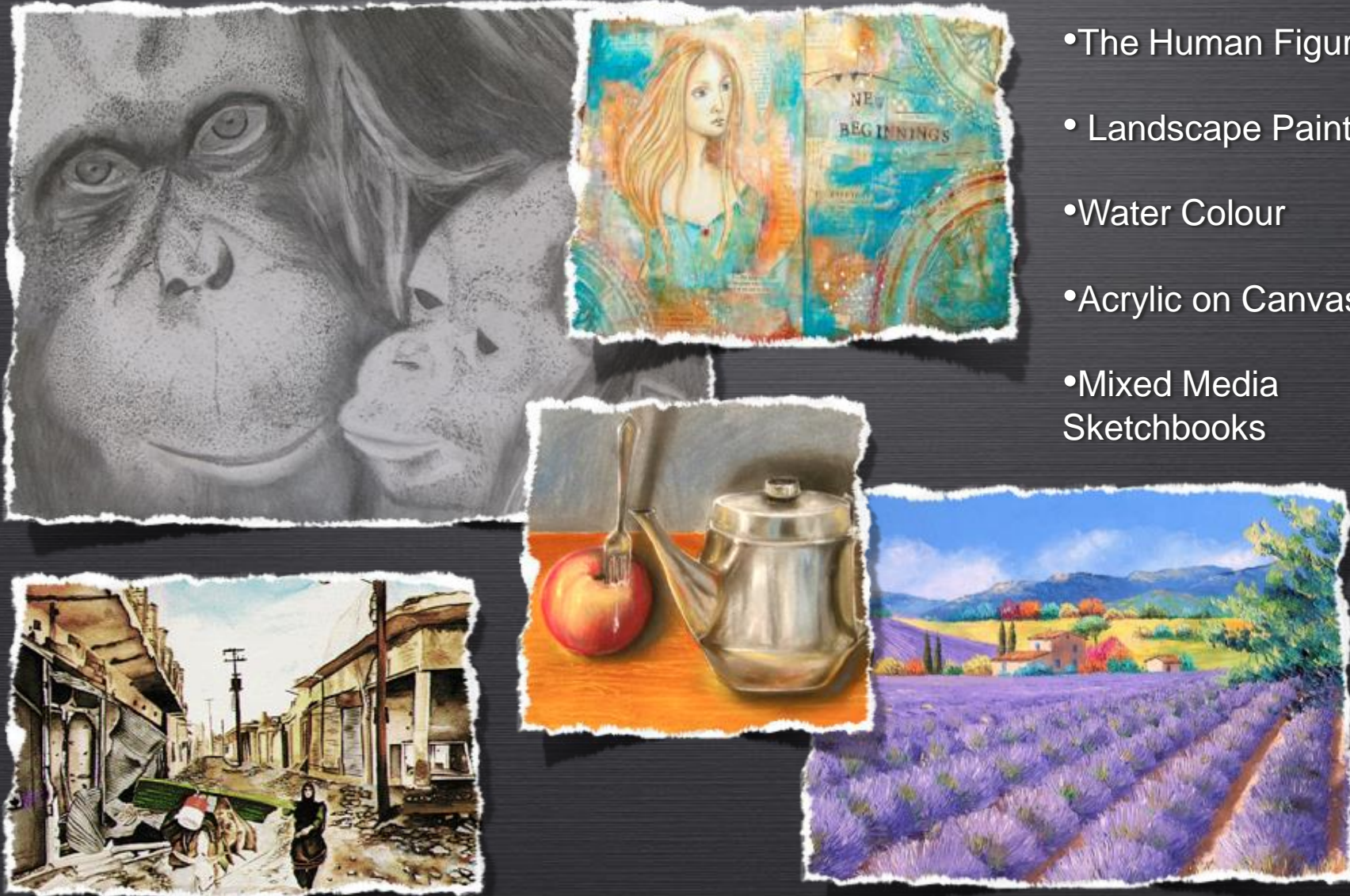
1. Social Issues
2. Innovation with materials
3. Observation of figure or still life
4. Commercial products including fashion design

- Portfolio Development
- Art History and Theory
- Careers in Art



# Drawing and Painting 10/11

- Graphite Drawing
- Still Life
- The Human Figure
- Landscape Painting
- Water Colour
- Acrylic on Canvas
- Mixed Media Sketchbooks





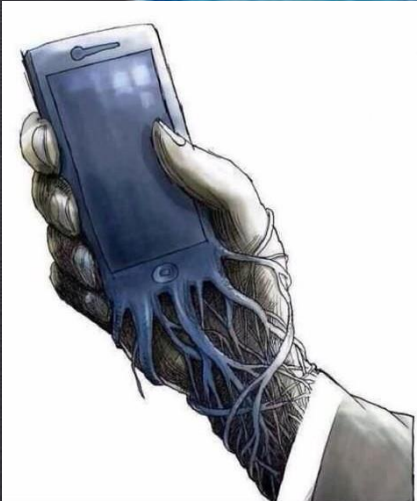
# Drawing And Painting

## 12

Individual theme based assignments including:

1. Life Drawing
2. Examination of a Social issue
3. In-depth experimentation of a specific media or process
4. Commercial design (fashion design)

- Art Critiques
- Art History/Theory
- Art Careers
- Web Page Portfolio





# Art Studio 10

This course emphasizes learning through practice; building on what you already know; and introducing you to new ideas, materials, and processes for artistic thinking and experimentation.



## Areas of Study

The Principles of Art & Design

Drawing

Sculpture

New Media & Acrylic Painting

Photomontage

Printmaking

Art History & Theory



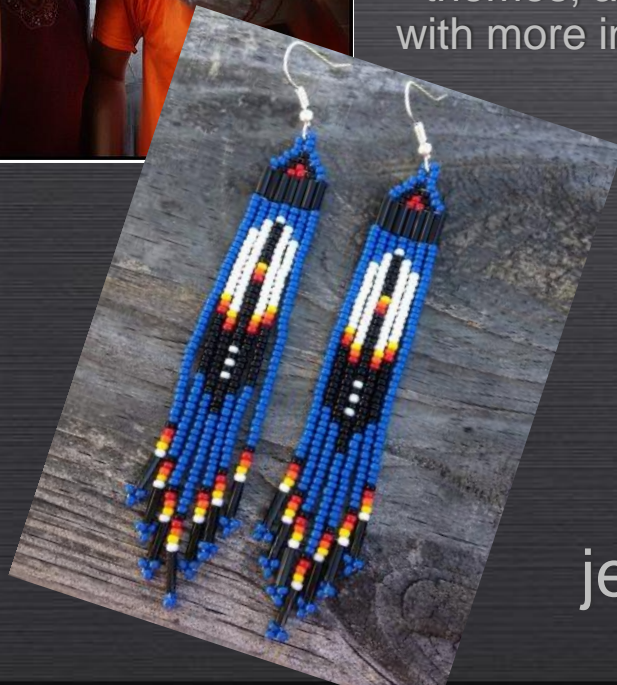


# Art Studio 11/12

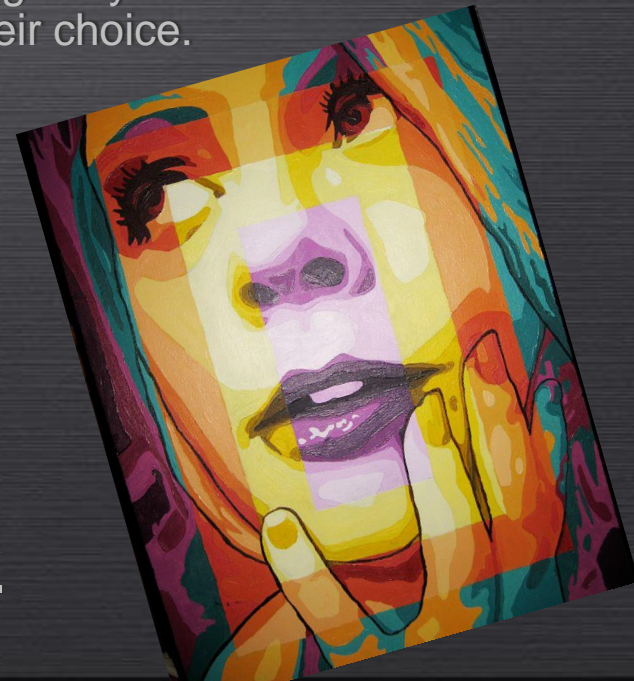


Art Studio is a valuable introductory art course at the senior level that will appeal to students interested in a wide range of art experiences.

Advanced grade 12's will develop their own themes, and work on developing a style with more involved projects of their choice.



drawing  
painting  
ceramics  
sculpture  
collage  
printmaking  
jewelry making.





# Photography

## 11/12



You will learn settings  
of digital cameras  
Editing in Photoshop  
Creating a digital  
Portfolio  
Careers in Photography

- Light painting
- multiple exposed self portraits
- Fashion Photography
- photo recreation from art history
- object as art photography





# Drama 10

Experience the thrill of being on stage!

Improv!

Dramatic Scenes!

Musical Theatre!  
(no singing required)

Monologues!

**No previous acting experience  
necessary**



# Drama 11

Experience the thrill of being on stage!

Improv!

Dramatic Scenes!

Musical Theatre!  
(no singing required)

Monologues!

**No previous acting experience  
necessary**



# Drama 12

Experience the thrill of being on stage!

Improv!

Dramatic Scenes!

Musical Theatre!  
(no singing required)

Monologues!

**No previous acting experience  
necessary**





# Drama 12 (continued)

## What's your drama passion?

*Grade 12 Drama students have the option of doing a self-directed project.*

Make Up Design  
Scriptwriting  
Directing  
Theatre History  
Mime  
Costume Design and Construction  
Clowning  
And many other options!





# Directing & Script Writing 12

- Do you like movies? Want to learn more about how they're made? Want to make your own?
- Learn how to write and direct a screenplay in this fun elective!



## PULP FICTION

They both take out their .32-caliber pistols and lay them on the table. He looks at her and she back at him.

YOUNG WOMAN

I love you, Pumpkin.

YOUNG MAN

I love you, Honey Bunny.



# Film and TV 10/11/12





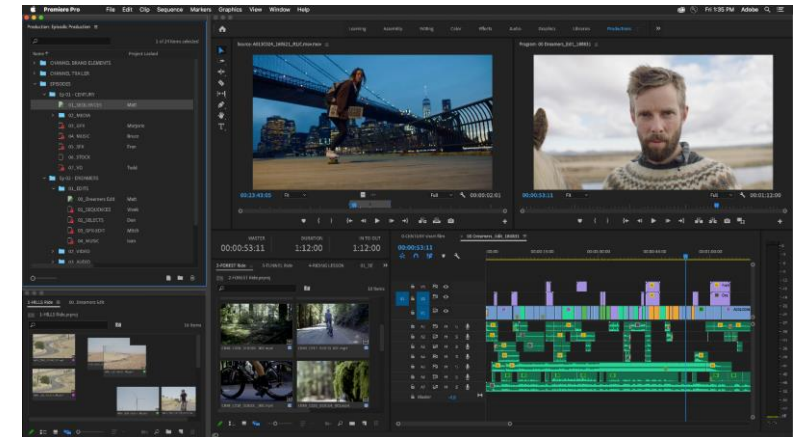
# Film & TV con't: Create your own video production!

- **Topics include:**

- Camera work unit
- Adobe Premiere training
- Music Video
- Satire Video
- Green Screen
- Special Effects
- Short movie trailer
- And much more!

- **Activities include:**

- Video Editing using professional level software
- Group Projects
- Video editing projects
- Viewing video productions, evaluating and critiquing
- Research projects





The background of the slide is a vibrant pink and purple floral pattern. Large, stylized roses are visible, with some in sharp focus and others blurred in the background. The colors range from deep magenta to bright pink, creating a soft, romantic feel.

# Band 10

**This class will focus on developing the skills you have been working on since band 7.**

**We will be playing all types of music including but not limited to pop, musicals, movie music and more. Of course, we also play a lot of concert band repertoire as well, such as marches, lyrical ballades and suites.**

**Experience on a band instrument is a MUST. If you have any questions, please see Ms. Eilers in the band room.**

**Concerts are a regular part of Band 10 and fall outside of the regular timetable.**

# Band 11/12

**This is the Senior Concert Band and is the top ensemble at our school.**

**This ensemble pushes the limits, and we aim to play the hardest music we are capable of playing. We play 6-12 pieces in a semester and always have a variety of music in our repertoire.**

**To participate in this class, you MUST have previous experience on a concert band instrument. This is a fast-paced class and requires music practice regularly and participate fully every day.**

**Concerts are a regular part of this class, and they fall outside the timetable.**



The background of the entire page is a vibrant pink watercolor wash. It features soft, blended colors of light pink and magenta, with darker, more saturated areas and some darker purple splatters, creating a textured, artistic feel.

# Tour Band 10-12

**This group meets outside the timetable Wednesdays afterschool from 3:30-5:00pm.**

**This ensemble meets outside the timetable once a week. This is a multi-grade group which enables musicians to play together as a cohesive program.**

**You do get 2 credits towards graduation every year if you complete this course.**

**The Tour Band is the group that Tours and goes to the different band festivals. We have been to Europe, NYC, and Boston over 3 different trips.**

**Spring Break 2023, we plan to go to Belgium, Netherlands and France.**

**To participate in this group, you must be enrolled in Concert Band, which is in the timetable (Band 10, 11 or 12), and play a concert band instrument.**

**Regular concerts are part of this course**



The background of the entire slide is a vibrant pink watercolor wash. It features soft, blended colors of light pink and magenta, with darker, more saturated areas and some darker purple splatters, creating a textured, artistic feel.

# Jazz Band 10-12

**This ensemble meets Tuesday Mornings from 7:15-8:30am. You do get 2 credits towards graduation every year you complete the course.**

**Jazz Band is a course where we play different styles of music, such as Latin, Blues, Swing and Ballads.**

**This group is limited to 'traditional Jazz instrumentation': Alto Sax, Tenor Sax, Bari Sax, Trumpets, Trombones, Guitar, Bass, Percussion and Piano. If you are interested, please see Ms. Eilers for more information.**

**Concerts are a regular part of this ensemble, so regular practice and attendance is required to be successful in this course.**

# Choir 10-12

**Do you like to sing? Have you ever wanted to sing in a choir? If so, this course is for you!**

**This class is geared to anyone who loves to sing. No experience is necessary, but reading music is a plus.**

**We will be singing a variety of music from pop tunes to classical music to fun novelty music.**

**We will also need a piano accompanist to be a part of this class to play the piano parts and accompany the choir. Please see Ms. Eilers if this is something you are interested in. It is recommended you have at least RCM grade 6 piano to be able to play the music.**

**Concerts are a part of this course, and they fall outside the timetable. .**

# Business and Computer





# Entrepreneurship 12

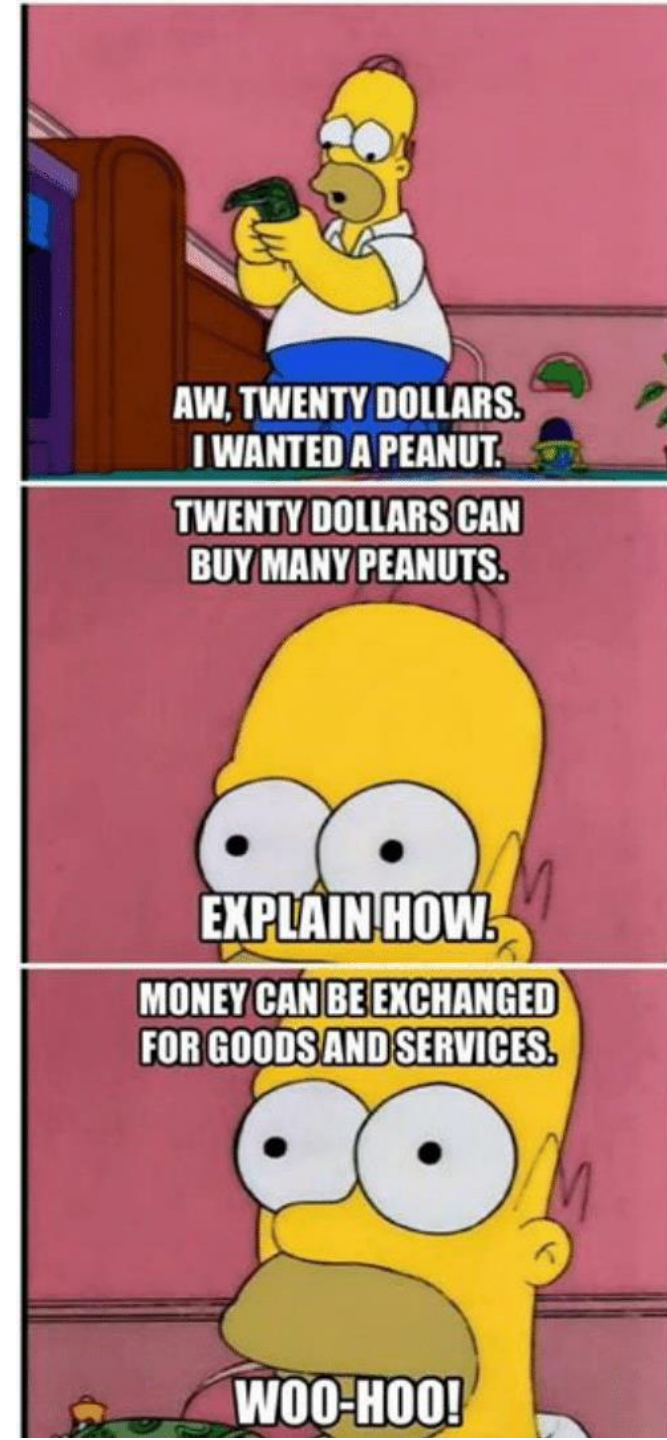
Are you curious about starting your own business? Do you want to know what it takes to become a successful entrepreneur?. Through this course, students will begin to explore concepts including (but not limited to) the marketing mix, consumer needs and behaviours, advertising, and ethics in marketing.

As students develop a stronger understanding of foundational concepts, students will personally engage with the demands and strategies of starting a new business venture. In addition, students will work in groups to create a business plan, design a product, and produce a commercial.



# Economics 12

- What the heck is an NFT?
- How does money work and why can it be exchanged for goods and services?
- Learn about \$\$\$ in Economics 12, an elective that pays dividends.



# Computer Studies 10

This course is designed to help become a tech-savvy digital citizen! You will explore the ins and outs of computers, from their rapid evolution to how to build and maintain your own machine. You will also get an introduction to programming, designing your own website, and game design.





# MEDIA DESIGN

## 10/11/12

Expand your creative and technical skills through **digital drawing/painting, animation, and 3D modelling.**

This course is recommended for anyone interested in animation, games, marketing, and/or visual arts.



Student Art by:  
[Top] Connor Hayward &  
Rachel Folland  
[Bottom] Denza Phung, &  
David Gao



# GRAPHIC PRODUCTION 11/12

(aka "Vinyl")

Learn how to design your own digital graphics, and then transform them into physical products, like stickers! Stencils! Apparel! And more! You will also learn how to market your designs and work with clients.

This course is recommended to anyone interested in self-employment, graphic arts, fashion, and marketing.

Student Work by:  
Connor Hayward, Aiden Morten, Cam Pinette, Jonathan Wolfe, Cameron Johnson, Emil Kniec & Vivien Meyrick





# Housing and Living Environments 12

An exciting new course!

Learn about societal trends and influences on housing needs, laws and regulations pertaining to housing, as well as financial considerations in choosing where to live.

Hands-on learning about and applying building, architectural, and interior design methods to your own personal design interests.

This Grade 12 course is also open to Grade 11 students who are interested in this topic.





# Leadership 11/12

- Plan theme days, spirit weeks and other large events like Winter Formal and Canada Day in May
- Assist with programs around the school like fruit and vegetable delivery and breakfast club
- Help design and produce the yearbook
- Attend in person/online leadership conferences with like-minded students
- Learn valuable skills like public speaking, communication, conflict resolution and much, much more.





# Psychology 12

- strive to better understand human behavior and “what makes people tick”
- examines what makes up our personalities (nature versus nurture) and how these personalities shape everything about us
- topics include abnormal psychology (disorders and treatment), attitudes, experiences, relationships, motivation, success versus failure, stress, memory, emotions
- an elective Grade 12 course that does not qualify for an academic grade 12 for university entrance

# Home Economics





# FOODS 10

- Expect to learn about kitchen safety while working with different kitchen tools and equipment.
- Gain experience in the kitchen by making such foods as:
  - Chocolate Chip Cookies
  - Urban Cup Muffins
  - Cheese Sticks
  - Pizza
  - Crepes
  - Farmhouse Scramble
  - Breakfast Burritos
  - Pizza Pockets
  - Taco Salad
  - Chicken Chow Mein
  - Perogies







# Foods 11

Cookies  
Bannock

First Nation Tacos  
Macaroni and Cheese

Sourdough  
Breakfasts

Quesadilla  
Lasagna

Gnocchi  
Perogies

# Foods 12

- Expand on the basics you already know
- Learn about complex meal ideas
- Nutrition and dietary adaptations
- International Foods
- Food safety and food production
- Recipe Creation
- Careers in the food industry





# Culinary Arts 11/12

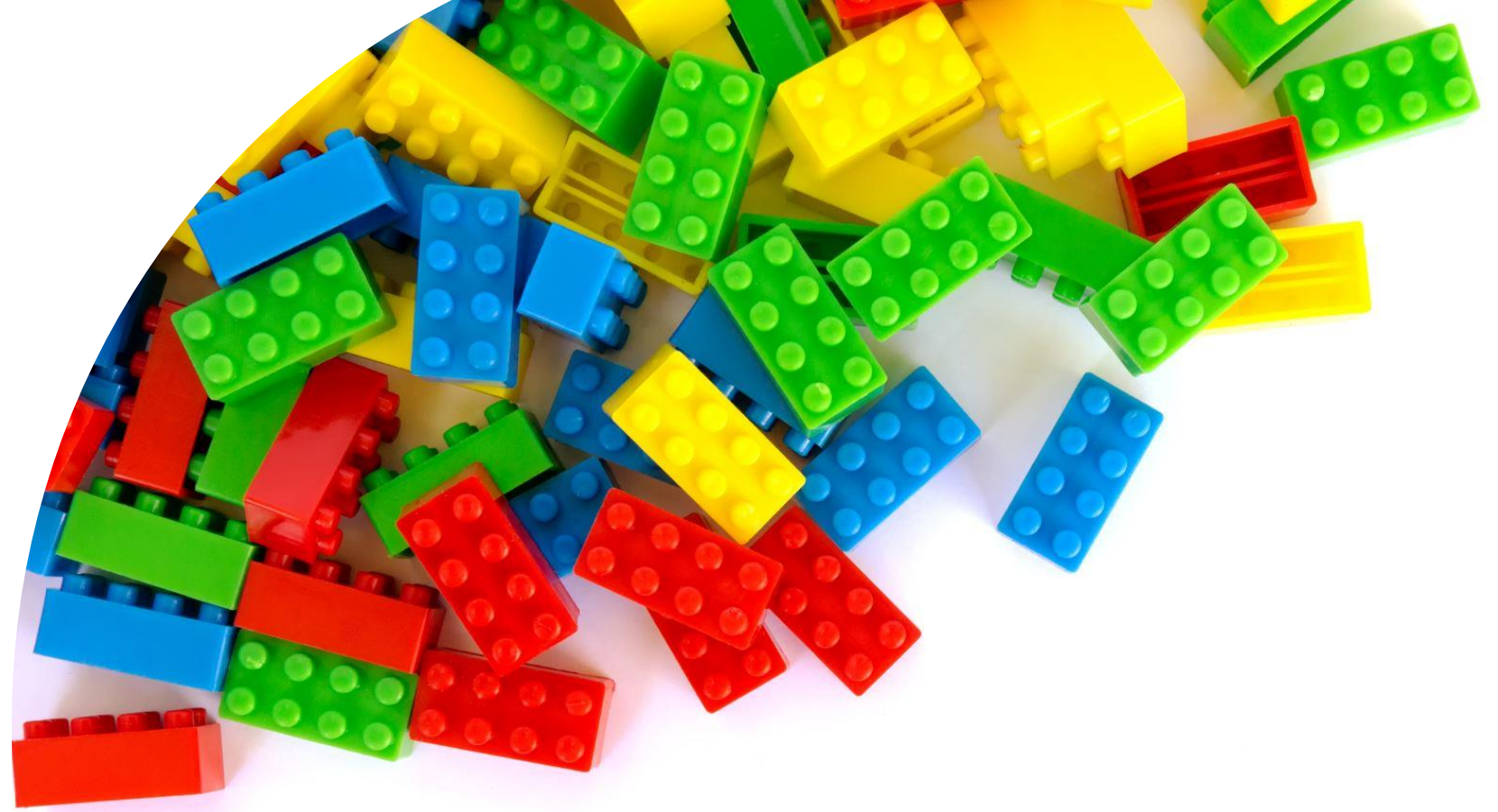
- Learn about the artistic elements of creating food dishes
- Dive into various cuisines and cooking techniques
- Learn about unique culinary ingredients and equipment
- Create large projects like gingerbread structures and cakes
- Create new recipes

- Learn about different careers in the industry



# Child Development and Caregiving 12

- Pregnancy
- Child Development
  - Caregiving
- Real Care Baby Project



# Technology and Skills





-

A detailed architectural floor plan of a house is the background. The plan includes rooms like a Dining Room (18.87), Kitchen & (19.87), Hall (14.18), Entry (4.35), and a Bathroom (5.80). It also shows a closet (3.76) and a garage (19.52). Various dimensions and grid lines (A, B, C, D) are visible. In the foreground, three rolled-up blueprints are stacked on the left. A yellow pencil with a red eraser lies horizontally across the middle of the drawing. A wooden ruler is placed at the bottom, showing measurements in inches. A large, semi-circular protractor is positioned in the upper middle section of the drawing.

# Drafting 11

- Use your previous skills to create drawings in both metric and imperial.
- Have an Idea why not create a working set of drawings for it.
- Start on some real-world drawings for yourself or others.



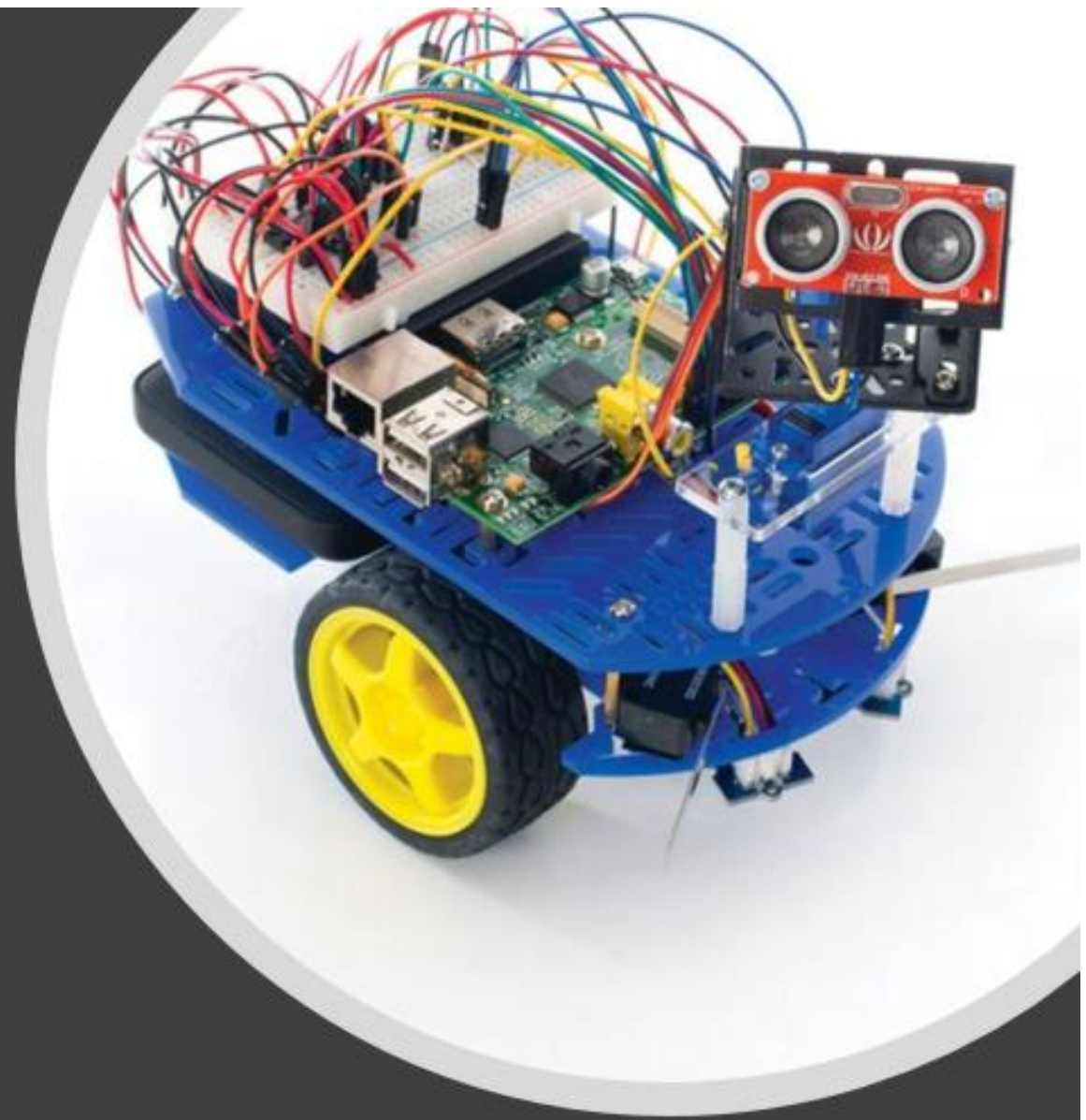
# Drafting 12

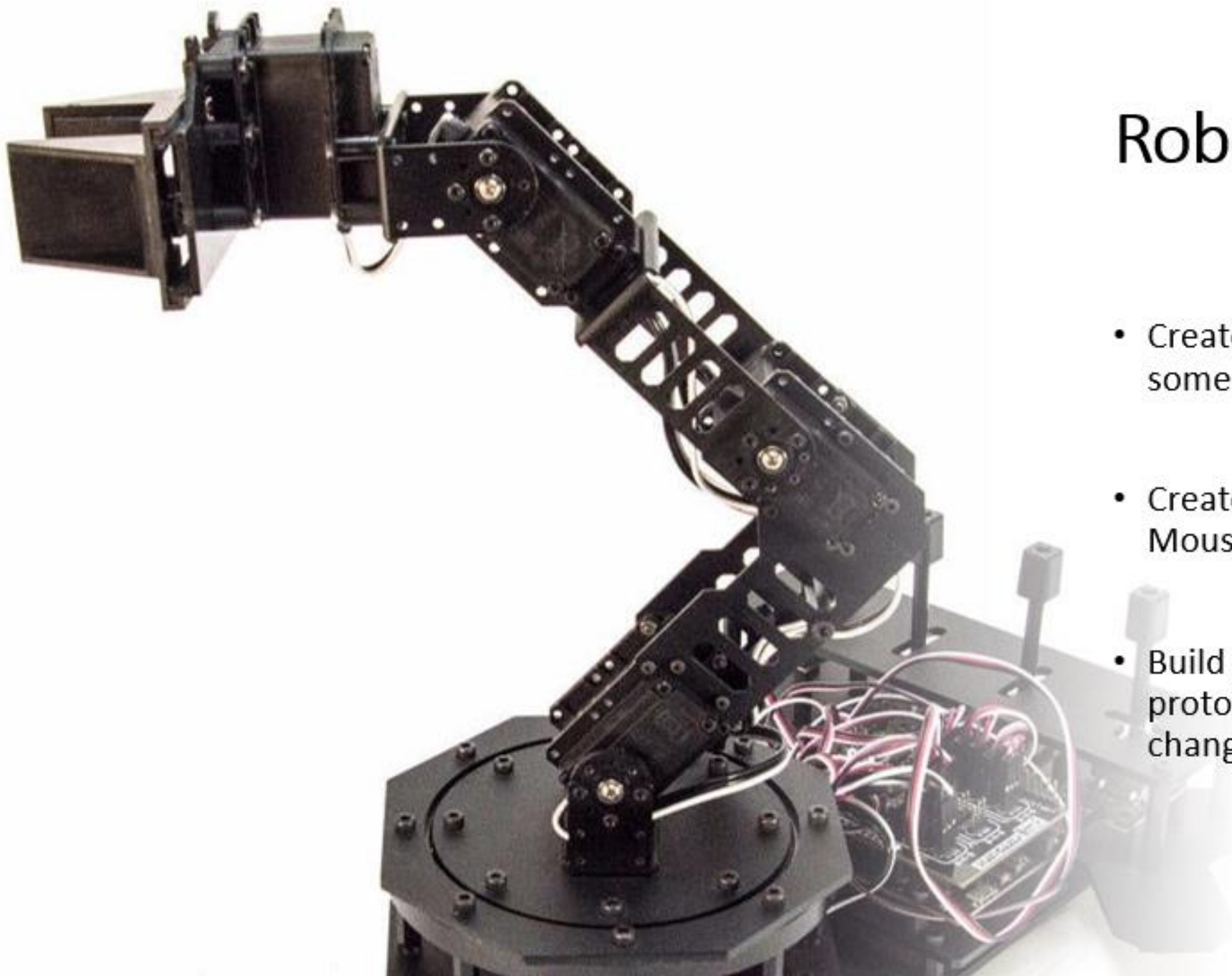
- Learn some employable skills that will pay big money anywhere in the world.
- Design models for a 3D printer.
- Draw working plans for a prototype design.



# Electronics 10

- Learn how to program and use a programmable Arduino chip.
- Create complex circuits with some real-world applications.
- Create and build a prototype Mouse Bot or robotic arm.





# Robotics 11

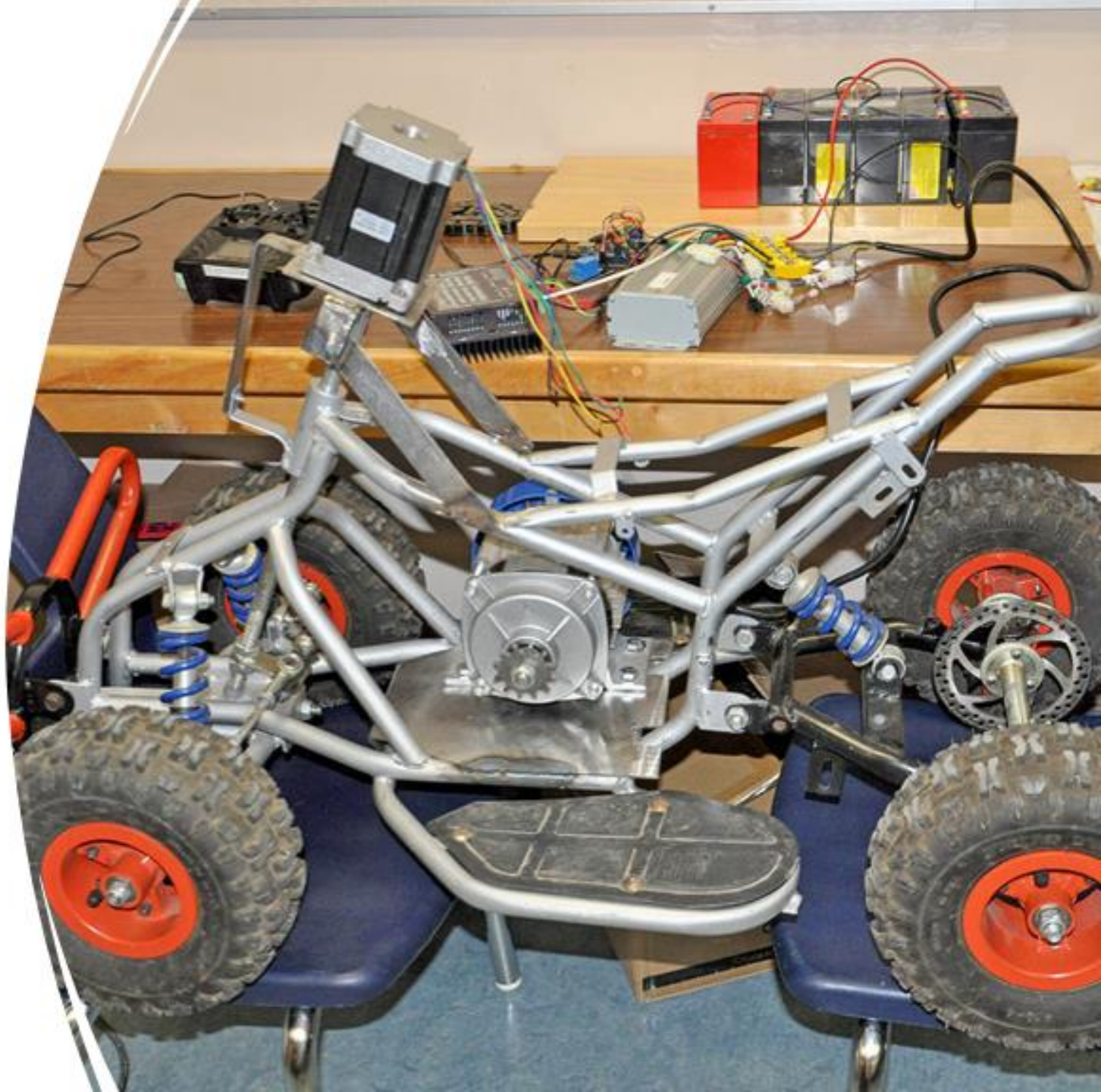
- Create complex circuits with some real-world applications.
- Create and build a prototype Mouse Bot or robotic arm.
- Build your own working prototype of a project that will change the future.



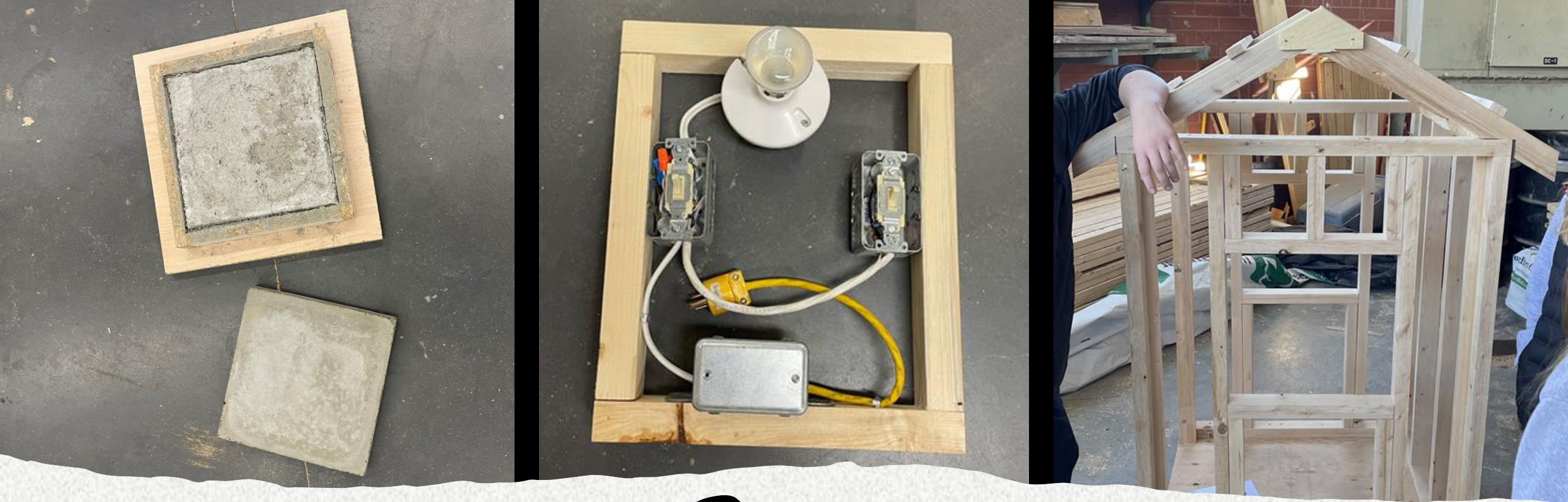
# Robotics 12

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- All your skills and knowledge is now put to test, in the building and construction of the Helius Vulturem.
- This project is an ongoing build that is an opportunity for all the 3rd year students in the senior Robotics.







SKILLS EXPLORATION 10/11/12  
CONCRETE FINISHING ELECTRICAL  
WORK  
CARPENTRY AND PLUMBING





- WOODWORK 11
- BEDSIDE TABLE
  - GIFT BOX
  - ROUND TABLE





## WOODWORK 12

- Self Directed Projects





# Metal Work 10

- Have FUN while learning!
- Explore the Art of Welding
- Discover the Skill of Machining, by working on Industrial Metal Lathes and Milling Machines.





## Metalwork 11

- True Project based learning
- Explore the different types of Welding.
- Discover the Skill of Machining, by working on Industrial Metal Lathes and Milling Machines.





## Metalwork 12

- True Project based learning
- Explore the different types of Welding.
- Discover the Skill of Machining, by working on Industrial Metal Lathes and Milling Machines.



# Machining and Welding 12

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- Discover the Skill of Machining, by working on Industrial Metal Lathes and Milling Machines.
- Explore the different types of Welding.
- This is an in-depth course into industry standard machinery and processes.



## Power Technology 10

- Learn about small engines.
- 2 and 4 stroke engine theory.
- Learning includes theoretical and hands-on learning opportunities.
- There is time set aside at the end of the course for students to bring in projects.







# Automotive 11

- Basic automotive shop and shop tools use.
- Learn about brakes, tires, wheels, batteries
- Learn about automotive engine operation.
- Disassemble and re-assemble and automotive engine.





# Automotive Technology 12

- Learn about fuel injections systems.
- Service your own vehicle.
- Practice using the auto-shop tools.
- Prepare for your journey into automotive repair.



# Languages



MADAME PRITCHARD

To continue and explore the French language.



**FRENCH 10-11-12**



# FRENCH

## 10-11-12

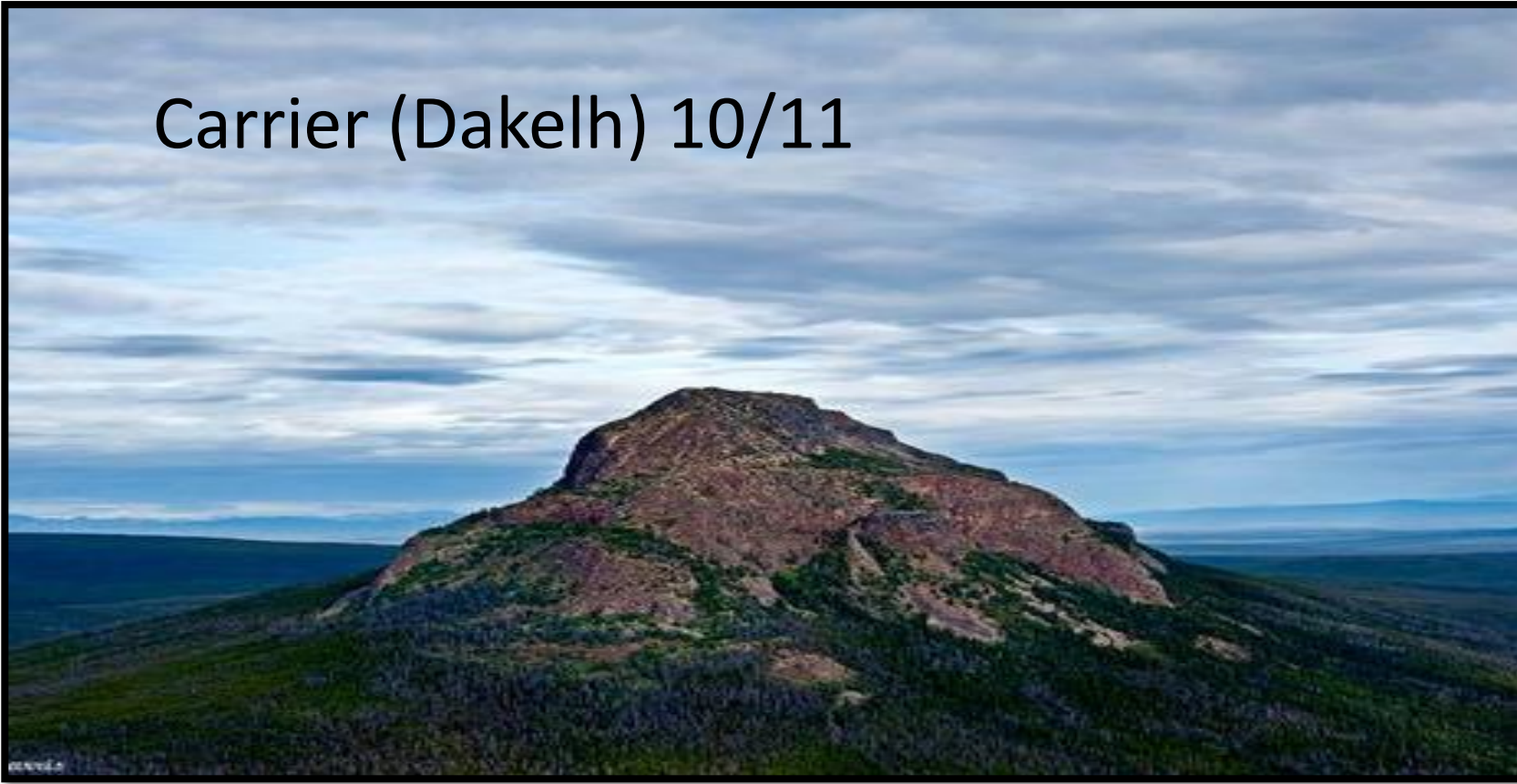


- Welcome to French class!

At this level students will begin to “speak” and “understand” the language. Speaking skills will continue to advance and students will understand the patterns of the language allowing them to communicate more readily. Reading and writing skills will also improve by incorporating actual French such as skits, songs, short stories.

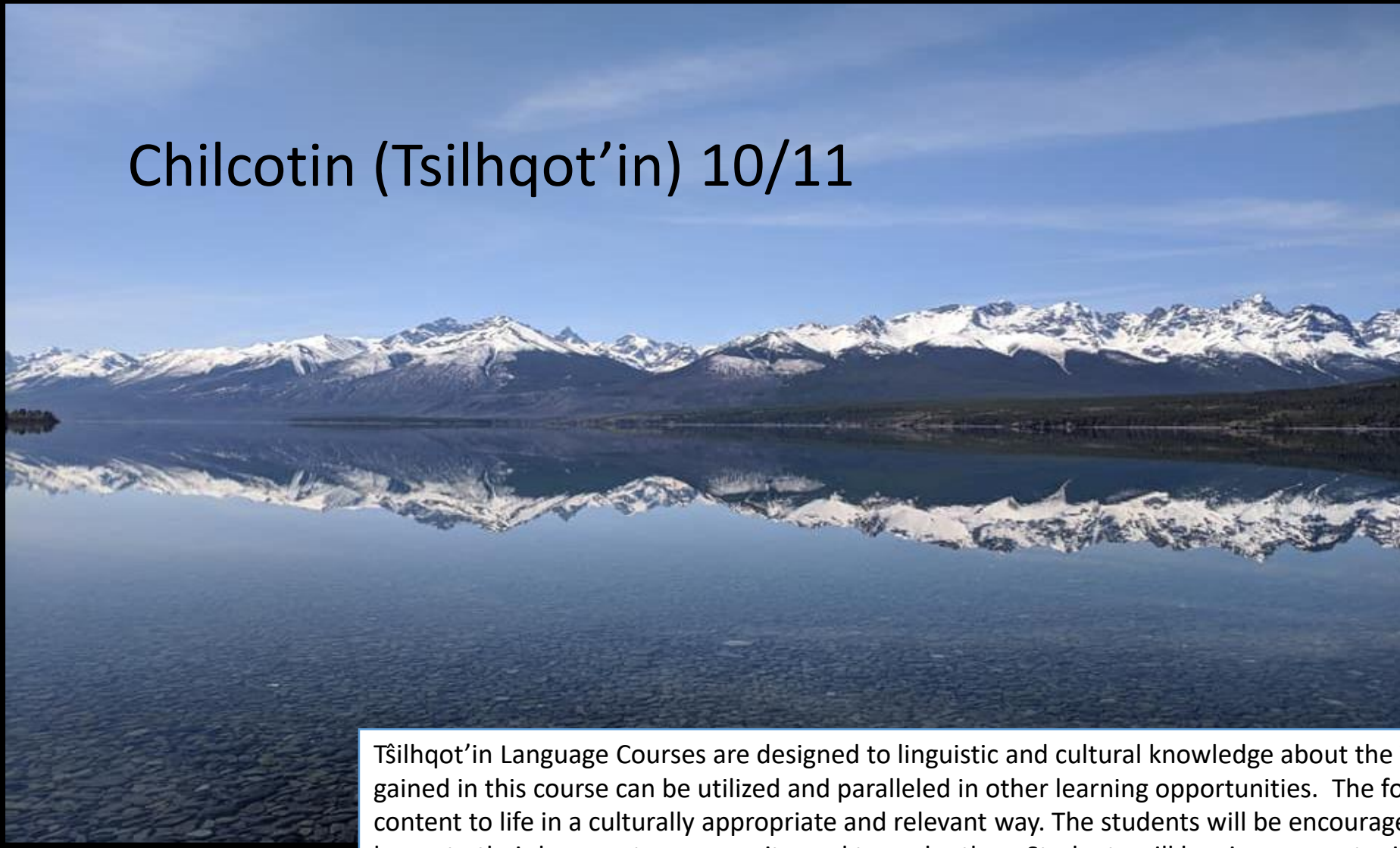
Students will create short speeches and dialogues in the target language. There is a major focus on grammar and verb conjugations.

# Carrier (Dakelh) 10/11



Dakelh Language Courses are designed to develop traditional and cultural knowledge about the Dakelh nation. The skills gained in this course can be utilized and paralleled in other learning opportunities. The focus of Dakelh Language Learning is to bring local learning content to life in a culturally appropriate and relevant way. The students will be encouraged to take what they are learning home to their houses, to community, and with each other. Students will be given opportunities to mentor their fellow students through artistic creation, storytelling, film making, and other written works. Leadership opportunities will be promoted through community events, school wide events, and class activities. Projects include: Working with traditional medicines to create medicinal tea blends and salves.

# Chilcotin (Tsilhqot'in) 10/11



Tsilhqot'in Language Courses are designed to linguistic and cultural knowledge about the Tsilhqot'in nation. The skills gained in this course can be utilized and paralleled in other learning opportunities. The focus is to bring local learning content to life in a culturally appropriate and relevant way. The students will be encouraged to take what they are learning home to their houses, to community, and to each other. Students will be given opportunities to mentor their fellow students through artistic creation, storytelling, film making, and other written works. Leadership opportunities will be promoted through community events, school wide events, and class activities. Projects include working with different parts of trees to create baskets and salves.





## Shuswap (Secwepemctsin) 10/11



Shuswap Language Courses are designed to develop traditional and cultural knowledge about the Secwepemc Shuswap nation. The skills gained in this course can be utilized and paralleled in other learning opportunities. The focus is to bring local learning content to life in a culturally appropriate and relevant way. The students will be encouraged to take what they are learning home to their houses, to community, and with each other. Students will be given opportunities to mentor their fellow students through artistic creation, storytelling, film making, and other written works. Leadership opportunities will be promoted through community events, school wide events, and class activities. Projects can include Pine Needle Baskets and working with Birch Bark.

# Career Programs



# English 1100 (dual credit TRU course)

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In English 1100 students will explore the practices of reading and writing in scholarly contexts. Students will read and analyze scholarly journal articles from a variety of disciplines and develop their abilities to compose in the genres and sub-genres of academic writing, including incorporating research and documentation in a grammatically correct style.



*Upon successful completion of this course, students will earn credits from both TRU and graduation credits from LCS. These credits are considered dual credits. The credits count as graduation credits on the student's post-secondary transcript.*



**Pre-requisite:** English Studies 12/English First Peoples 12 with a minimum of 73%



# Career Life Connections 12:

- ✓ CLC online course to be completed by the end of Grade 11
- ✓ Capstone Project and Work/Volunteer Experience to be completed in Grade 12





# Youth WORK in Trades

**Earn while you learn**

ita | YOUTH

**WORK**

IN TRADES







Welding  
Title



Carpentry  
Title



Heavy Duty Mech.  
Title



Electrical  
Title

# Youth TRAIN in Trades

---

Complete grade 12 with advanced access to  
a career in the trades!!







**Applied Sustainable  
Ranching**



**Health Care Assistant**



**English 1100**

## DUAL CREDIT Courses:

- Take a program or course at TRU while you are still in high school!
- Earn university credits AND high school graduation credits
- Tuition is free!!







Apply  
Title



Interview  
Title



Train  
Title



Succeed  
Title

# Junior Fire Crew – 2022

Grade 11 students can apply next fall!!



Are you interested in  
participating in



April 27 – 30, 2022

Applications will be available  
second semester at the Career  
Centre!!







# RMCP Youth Academy – 2021

A 5 day, live in program for students in grades 11 and 12 who are interested in a career in law enforcement.

*\*next program scheduled for spring 2023\**



# WORK EXPERIENCE 12A:



A 120 hour optional work experience program that will give you an extra 4 credits exploring a field of interest

