

# *Welcome*



**to**

## **Clavet Composite School**

### Secondary Curriculum Presentation



# Agenda



Mr. Brian Matisz

- Secondary Courses
- Graduation Requirements
- Provincial math pathways
- Secondary Courses offered at Clavet and Prerequisites
- Resources
- Online Registration for Classes
- Questions



# Secondary Courses

- Ministry of Education stores records (transcripts) for grades 10-12
- Pass and fail individual courses
- Prerequisites are determined by the Ministry
- Courses are designed based on theoretical 100 hours
  - Semestered classes (half of the year)
    - Every day for 1 hour
  - Non-semestered classes (all year long)
    - Every second day for 1 hour

# Secondary Course Numbers

	Content	Grade 10	Grade 11	Grade 12
Regular Courses	Complete <b>all</b> of the Sask Learning objectives for the provincially approved curriculum	10	20	30
Modified Courses	Complete at least 50% of the objectives for the provincially approved curriculum within a regionally or locally approved course	11	21	31
Alternate Courses	Locally determined option with less than 50% of objectives	18	28	38



# Provincial Graduation Requirements

## Grade 10

- Minimum of 8 credits
- Compulsory courses:
  - ELA A 10
  - ELA B 10
  - History 10
  - Science 10
  - **Math 10**
  - **Wellness 10\***
- ***2 additional elective at level 10 or higher***

## Grade 11

- Minimum of 16 credits (total)
- Compulsory Courses:
  - ELA 20
  - Science 20
  - **Math 20**
- 5 additional electives at level 20 or 30

## Grade 12

- Minimum of 24 credits (total)
- 5 of which must be at the 30 level
- Compulsory Courses:
  - ELA A 30
  - ELA B 30
  - SS 30: Can. St.
- **Career and Work Exploration 30\***
- ❖ a second social science at the 20 or 30 level
- ❖ 2 credits in Arts Ed. Or PAA
- ❖ Wellness 10 or Phys. Ed. 20 or 30

# Typical Clavet Grade 10 Program

## Grade 10

- Minimum of 8 credits
- Compulsory courses:
  - ELA A 10
  - ELA B 10
  - History 10
  - Science 10
  - **Math 10**
  - **Wellness 10\***
- ***2 additional elective at level 10 or higher***

## Clavet Grade 10

- Spares are not allowed in Clavet for Grade 10 students
  1. ELA A 10
  2. ELA B 10
  3. History 10
  4. Science 10
  5. Foundations and PreCalculus Math 10
  6. Workplace and Apprenticeship Math 10
  7. Wellness 10 (Phys. Ed.)
  8. French 10 **OR** Communication Media 10
- 2 additional electives (IA, Home Ec, Visual Arts, or Photography, Guitar, Garage Band)



# Typical Clavet Grade 11 Program

## Grade 11

- Minimum of 16 credits (total)
- Compulsory Courses:
  - ELA 20
  - Science 20
  - **Math 20**
- 5 additional electives at level 20 or 30

## Clavet Grade 11

- Clavet Grade 11 students are allowed one spare per semester
  - ELA 20
  - Environmental Science 20 **OR** Health Science 20 **AND** Physical Science 20
  - Workplace and Apprenticeship Math 20 **OR** Foundations of Math 20 PreCalculus 20
  - Psychology 20 **OR** History 20
  - Canadian Studies 30 **OR** ELA A30 or ELA B30
  - Additional electives (Phys. Ed., Personal Fitness, IA, Home Ec, Visual Arts, or Photography, Guitar, Garage Band, French, Financial Literacy 20, Communication Media 20)

# Typical Clavet Grade 12 Program

## Grade 12

- Minimum of 24 credits (total)
- 5 of which must be at the 30 level
- Compulsory Courses:
  - ELA A 30
  - ELA B 30
  - SS 30: Can. St.
- Career and Work Exploration 30\*
- ❖ a second social science at the 20 or 30 level
- ❖ 2 credits in Arts Ed. Or PAA
- ❖ Wellness 10 or Phys. Ed. 20 or 30

## Clavet Grade 12

- Clavet Grade 12 students must take enough credits to graduate (there are no limits on spares)
  - ELA A30
  - ELA B30
  - Canadian Studies 30
  - Career and Work Exploration A30
  - Biology 30 **AND/OR** Chemistry 30 **AND/OR** Physics 30
  - Workplace and Apprenticeship Math 30 **OR** Foundations of Math 30 **AND/OR** PreCalculus 30 **AND** Calculus 30
  - Additional electives (Phys. Ed., Personal Fitness, IA, Home Ec, Visual Arts, or Photography, Guitar, Garage Band, French, Financial Literacy 20, Communication Media 20)



# Secondary Math Curriculum



Mr. Faron Hrynewich   Mr. James Malainey

**Legend:**   **Required courses of Study**  
                   **Specified Areas of Study**  
                   **Advanced Areas of Study**

Grade 10	Grade 11	Grade 12
<b>Foundations of Mathematics and Pre-Calculus 10</b>	<b>Foundations of Mathematics 20</b>	<b>Foundations of Mathematics 30</b>
	<b>Pre-Calculus 20</b>	<b>Pre-Calculus 30</b> 
<b>Workplace and Apprenticeship 10</b>	<b>Workplace and Apprenticeship 20</b>	<b>Workplace and Apprenticeship 30</b>

# Why Pathways?

Courses and pathways are defined by the mathematics that business, industry, and post-secondary institutes indicated that students need.



# Why are there only 2 grade 10 Math courses?

- There would be too much overlap of concepts to split the content into 3 courses
- Simplifies the prerequisite course options for grade 10 students
- Taking both courses leaves all doors open for grade 11
- The intent is for student to select a pathway for grade 11

# Can students change pathways?

- Yes, but they need to have the prerequisite pathway courses
- Because the content of courses in each pathway is unique, a course from one pathway will not provide the background knowledge necessary to be successful in another pathway



**K to 9 Math**

**Workplace &  
Apprenticeship Math 10**

**Foundations of Math and Pre-  
calculus 10**

**Workplace &  
Apprenticeship Math 20**

**Foundations of Math 20**

**Pre-calculus 20**

**Workplace &  
Apprenticeship Math 30**

**Foundations of Math  
30**

**Pre-calculus 30**

**Entry into post-secondary  
opportunities  
or workforce**

**Other optional  
courses such  
as Calculus 30**

# The Pathways Explained

## **Workplace and Apprenticeship Mathematics**

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into ***the majority of trades and for direct entry into the work force.***



# The Pathways Explained

## **Workplace and Apprenticeship Mathematics**

Topics included measurement, geometry, trigonometry, financial math (number sense), algebra, statistics and probability.

Students who enjoy hands-on work would be well-suited for this pathway.

# The Pathways Explained

## Foundations of Mathematics

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that ***do not require the study of theoretical calculus*** such as the humanities, fine arts, social sciences, and nursing.



# The Pathways Explained

## **Foundations of Mathematics**

Topics include financial mathematics, geometry, measurement, number sense, logical reasoning, relations and functions, statistics and probability.

# The Pathways Explained

## Pre-calculus

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that ***require the study of theoretical calculus and those pursuing careers in science-related areas (Engineering, Business, Medicine and other Science fields).***



# The Pathways Explained

## **Pre-calculus**

Topics include algebra and number sense, measurement, relations and functions, trigonometry, and permutations, combinations and binomial theorem.

# What to Consider When Choosing a Pathway

Although the math pathway decision will be based on factors unique to each student, we recommend that each student and their parents reflect on the following four factors before making this selection:

- *Student's future education plans*
- *Student's future career plans*
- *Student's interest in math*
- *Student's performance in Math 9 and 10*
  - *Students who did very poorly in Math 9 should consider **not** taking Foundations and PreCalc 10*
  - *The Ministry has designed the PreCalculus pathway for 20% of the student population*



# Post-Secondary Requirements

Since entrance requirements are set by the post-secondary institutions and not the school division, they are beyond our control and may be subject to change.

***It is the responsibility of the student and parents to check course and entrance requirements with specific post-secondary institutions of interest to them.***

MyBluePrint.ca is a good tool for tracking grad requirements and for looking at Post-secondary options. It is our intent to provide families assistance in locating these requirements.

# Secondary English Language Arts Curriculum

**Legend:** **Required courses of Study**  
**Specified Areas of Study**  
**Advanced Areas of Study**



Ms. Lindsey Gardner



Mrs. Moira Hamm

**Grade 10**

**Grade 11**

**Grade 12**

**ELA A10**



**ELA 20**



**ELA A30**

**ELA B10**



**Media Studies 20**

**Journalism 20**

**Creative Writing 20**

OR

OR



**ELA B30**



# Secondary Science Curriculum



Mr. Rob Price

**Legend:** **Required courses of Study**  
**Specified Areas of Study**  
**Advanced Areas of Study**

**Grade 10**

**Grade 11**

**Grade 12**



# Science 10

## Topics

- Life science – climate and ecosystem dynamics
- Physical science – force and motion in our world
- Chemical science – introduction to chemical equations and reactions

Science Lab



# Health Science 20

- look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices.
- apply information in the areas of medical knowledge systems and ethics, human anatomy and physiology, nutrition and metabolism, and medical diagnostics.

# Health Science 20 (cont)

- Understanding the basic anatomy and physiology of the human body to provide a context for studying the normal and abnormal functioning of various body systems and the tools and techniques used to diagnose those systems.
- investigate the range of health science careers and post-secondary programs available in Saskatchewan.



# Physical Science 20

- This course combines elements of Chemistry 20 and Physics 20 in an integrated hands-on manner to investigate concepts related to heating and cooling, the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reactions, and the characteristics and properties of electromagnetic radiation.

# Physical Science 20 (cont)

- An overarching theme is the study of the enterprise of public and private science as it occurs in agriculture, industry, and universities to help students better understand the physical science related career paths.
- Student inquiry will guide independent investigations of physical science phenomena.



# Environmental Science 20



Mr. Tyson Lundquist

- local and global environmental issues
  - climate change, water, soil, and air quality, urbanization, bio-resource management, waste handling and disposal, land-use planning, and the impacts of agriculture and industry on the environment from scientific and Indigenous knowledge perspectives.

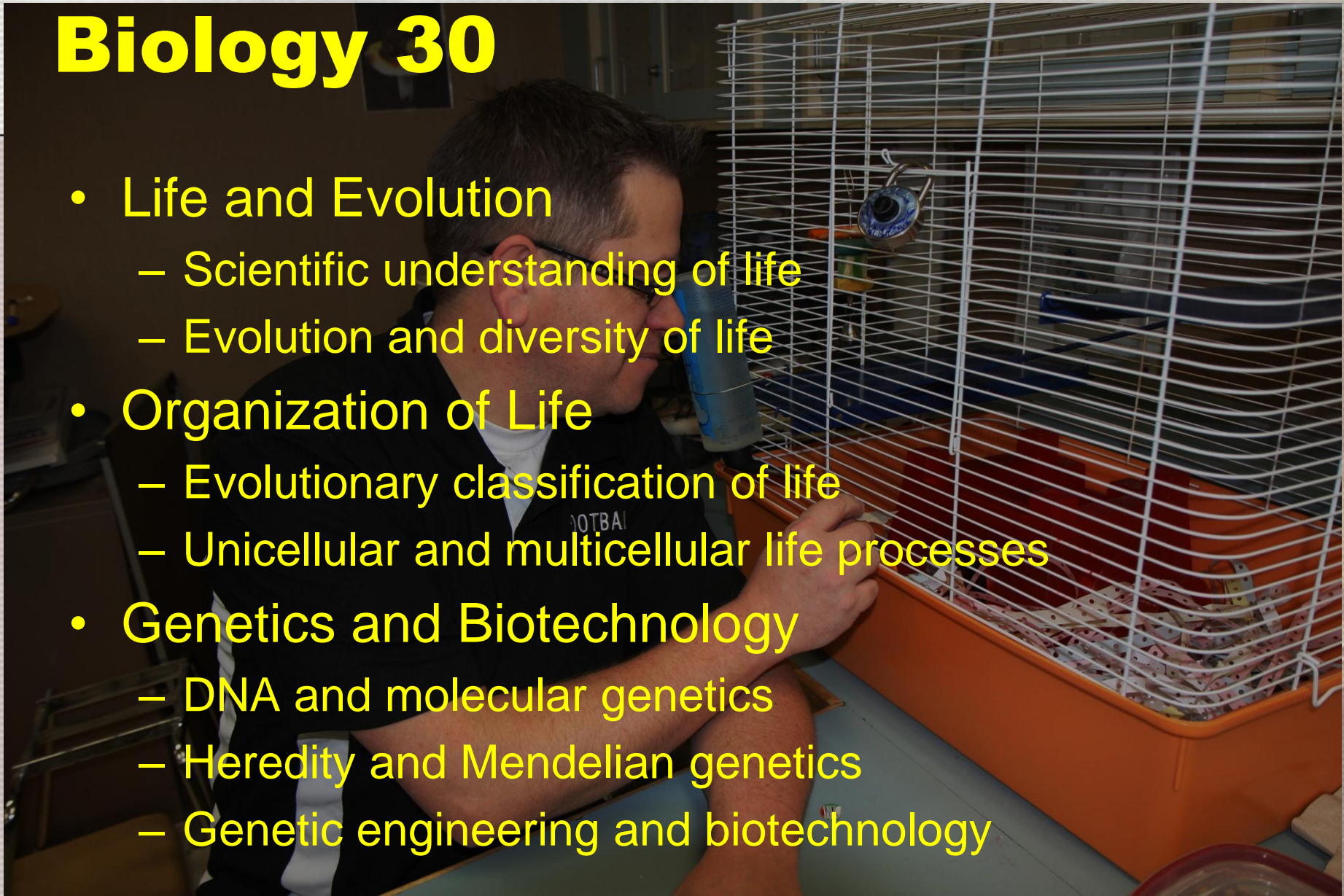
# Environmental Science (cont)

- Students will examine the role of environmental policies and ethics on decision making, and will investigate environmental science related careers.
- Student-directed studies will lead to the development of environmental action plans.



# Biology 30

- Life and Evolution
  - Scientific understanding of life
  - Evolution and diversity of life
- Organization of Life
  - Evolutionary classification of life
  - Unicellular and multicellular life processes
- Genetics and Biotechnology
  - DNA and molecular genetics
  - Heredity and Mendelian genetics
  - Genetic engineering and biotechnology



# Chemistry 30

- Organic Chemistry
- Chemical Bonding
- Materials Science
- Chemical Equilibria
- Electrochemistry





## Forces & Motion / Conservation Laws

- Newton / Gravity
- Circular Motion
- Projectiles
- Mechanical Energy
- Momentum
- Power

## Modern Physics

- Relativity
- Particle Duality
- Quantum Physics

## Nuclear Physics

- Radioactivity
- Nuclear Reactors
- The Atom
- Saskatchewan's Role in Nuclear Technology

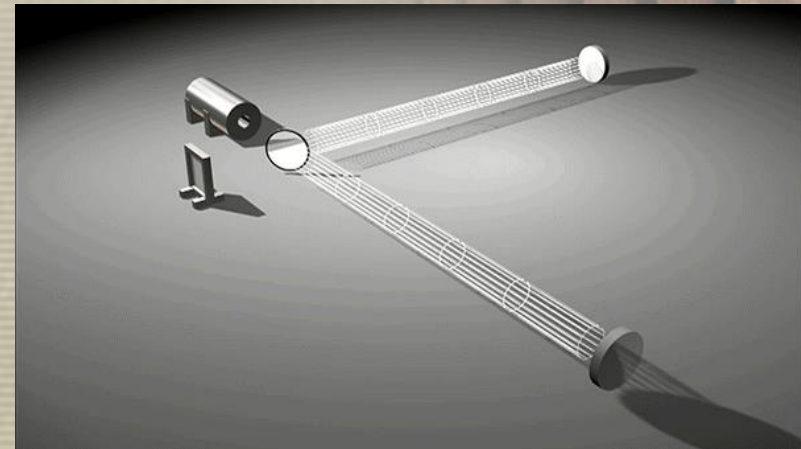
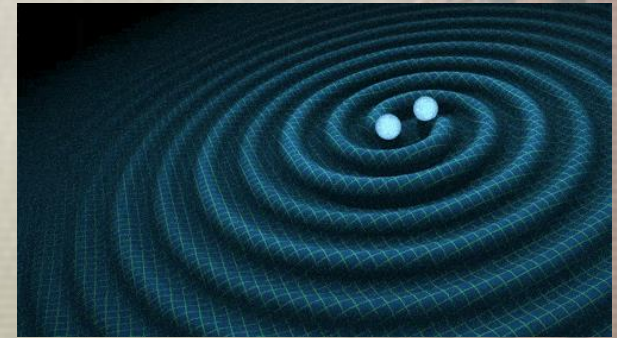
## Fields

- Gravitational Fields
- Magnetic & Electric Fields

# Physics 30



*Mr. James  
Malainey*



# Secondary Social Sciences Curriculum



Mr. Jonathon Nickel

**Legend:** **Required courses of Study**  
**Specified Areas of Study**  
**Advanced Areas of Study**

**Grade 10**

**Grade 11**

**Grade 12**

**History 10**

**History 20**  
**Or**  
**Psychology 20**

**Canadian  
Studies 30**  
  
**Psychology 30**





Mr. James Malainey

# Psychology



## Psychology 20

- *Psychological Approaches*
  - Behaviorism
  - Humanism
  - Existentialism
  - Freudian Psychology
  - Cognitivism
  - Cultural Psychology
  - Biological Approaches to Psychology
- *The Evolution of Psychology*
- *Treatment & Therapy*
- *Compliance, Conformity, Aggression and Obedience*
- *Psychological Disorders, Case Studies*
- *Understanding the DSM V*

## Psychology 30

- *Criminology & Justice*
- *Morality and Ethics*
- *Sociology*
- *Biopsychology*
- *Addiction*
- *Alternative / Modern Psychological Approaches and Theory*



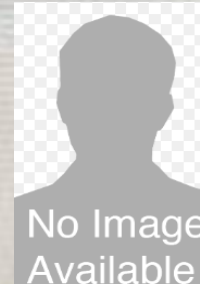
# Financial Literacy 20

- Financial Goal Setting
- Principles of Budgeting & Expense tracking
- Services from Financial Institutions
- Personal Income Tax
- Earning an Income
- Understanding a pay statement
- Job interviews
- Planning for retirement
- Investing
- Understanding Credit Scores & maintaining good Credit
- Understanding Taxation
- Buying vs. Leasing
- Renting vs. Owning
- Mortgages /Buying a Home
- Foreign Currency
- Preparing for work placements
- Other sources of income
- Student Loans
- RESP's, RRSP's
- TFSA's



# Secondary Physical Education Curriculum

**Legend:** **Required courses of Study**  
**Specified Areas of Study**  
**Advanced Areas of Study**



Mr. Julian Yeo



Mr. Brendan O'Reilly



Mrs. Audrey Gavlas

**Grade 10**

**Grade 11**

**Grade 12**

**Wellness 10**

**PE 20**  
*and/or*  
**Personal Fitness 20**

**PE 30**  
*and/or*  
**Personal Fitness 30**

# Wellness 10

- Male/female, non-semestered required class

## **Outcomes**

- W1 – Understanding of Wellness
- W2 – Service-Learning Opportunities/Volunteering
- W3 – Engage in Movement Activities
  - \* Body Management Activities
  - \* Alternate Environment Activities
  - \* Target Games
  - \* Net/Wall Games
- W4 – Assess Impact on Mental Health and Overall Well Being of Self, Family and Community
- W5 – Enhance Well Being of Self and Others
- W6 – Safety and Injury Prevention
- W7 - Enhance the Health-related and Skill-related Components of Fitness.

## **Optional Outcomes**

- W8 - Assess how relationships (e.g., with self, peers, family, teachers, teammates, opponents, coaches, employers) influence all dimensions of wellness.
- W9 - Assess challenges related to community well-being and take action to address these challenges.
- W10 - Analyze, explain, and apply understandings, skills, tactics, and strategies that enhance confidence and competence in participating in recreational group/team movement activities
- W11 - Make informed decisions regarding personal healthy eating practices based on connections to wellness.



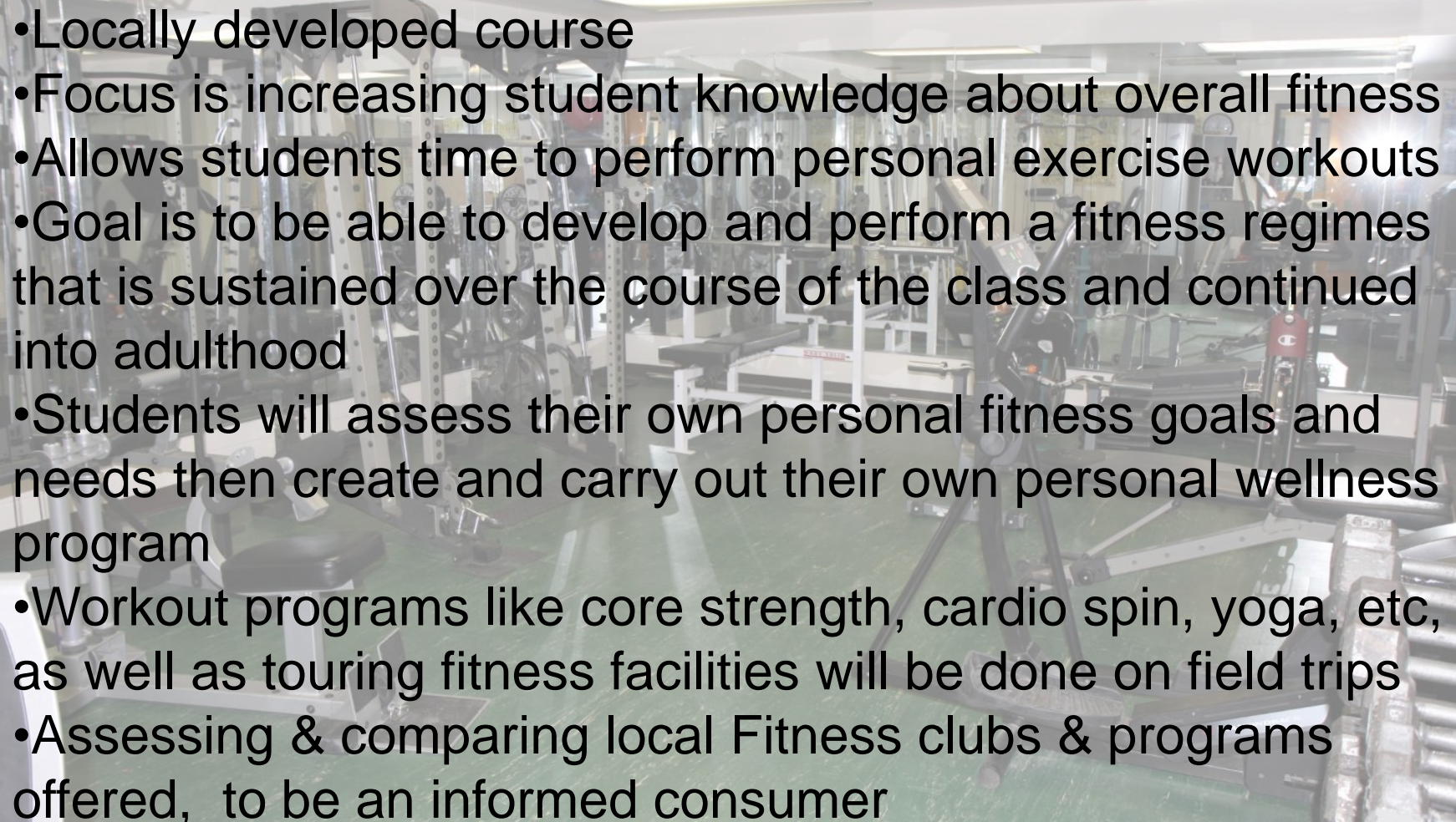
# Physical Education 20 & 30

- Broader scope of lifetime activities
  - Possible activities **may** include; racquetball, bowling, scuba, indoor rock climbing, step aerobics, health clubs, fencing, boxing, billiards, tennis, etc.
- Requires periodic bus transportation of students to Saskatoon
- Parental permission form required

Main Gym



# Personal Fitness 20 & 30

- 
- Locally developed course
  - Focus is increasing student knowledge about overall fitness
  - Allows students time to perform personal exercise workouts
  - Goal is to be able to develop and perform a fitness regimes that is sustained over the course of the class and continued into adulthood
  - Students will assess their own personal fitness goals and needs then create and carry out their own personal wellness program
  - Workout programs like core strength, cardio spin, yoga, etc, as well as touring fitness facilities will be done on field trips
  - Assessing & comparing local Fitness clubs & programs offered, to be an informed consumer



# French 10, 20, 30



Madame Michelle Brochu

- French 10: composed of experiential units where students explore a theme and learn the grammar and vocabulary for that theme
- Each unit ends with a project
- French 20, 30: stronger emphasis on oral comprehension and production skills
- Incorporates 'survival' French which are role plays that help students practice expressions and skills from real life situations

# Communication Media 10

Emphasis is on the study and production of different forms of media in society.

- Students will examine how different forms of are *used* to communicate information and meaning. This will include:
  - Study of text, audio, & visual, and multimedia productions.
  - Exploration of Jobs/careers involving types of media
  - Comparison of various formats of presentation:
    - Printed, film, online, etc.
- Student will produce media of different types considering the means of production. This will include making and using:
  - Several types of printed media
  - Audio/visual recording
  - Technical aspects of production:
    - Mics, lighting, etc.



# Secondary Elective Courses

The background of the slide features a faded, sepia-toned photograph of a grand classical building. The building has multiple stories, a series of tall, fluted columns supporting a pediment, and a balcony with ornate railings on the lower level. The image is slightly out of focus and serves as a decorative backdrop for the text.

## Grade 10

Communication Media 10

Const. and Carp. 10

Financial Literacy 20

French 10

Guitar 10/Garage Band 10

Home Economics 10

Industrial Arts 10

Photography 10

Visual Art 10

# Secondary Elective Courses

## Grade 11

Communication Media 20

Const. and Carp. 10, 20

Creative Writing 20

Financial Literacy 20

Food Studies 30

French 20

Home Economics 20

Industrial Arts 20

Journalism 20

Mechanics 10

Media Studies 20

Personal Fitness 20

Photography 10, 20

Physical Education 20

Psychology 20

Welding 10, 20

Visual Art 10, 20





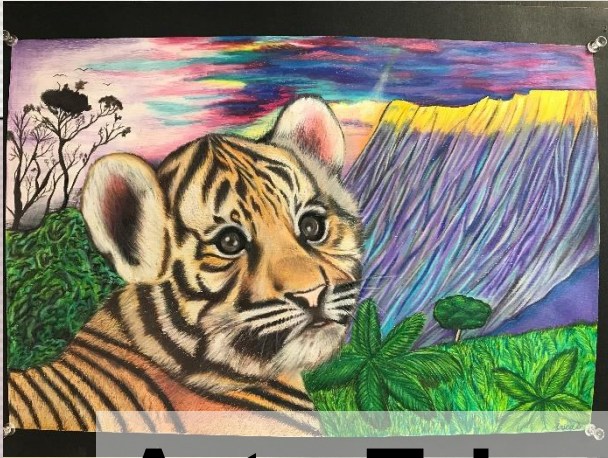
# Secondary Elective Courses

## Grade 12

**Career Work Exploration 30**   **Psychology 30**  
**Communication Media 30**   **Visual Art 20, 30**  
**Const. and Carp. 10, 20, 30**   **Welding 10, 20**  
**French 30**  
**Financial Literacy 30**  
**Food Studies 30**  
**Home Economics 30**  
**Industrial Arts 30**  
**Mechanics 10**  
**Personal Fitness 30**  
**Photography 20, 30**  
**Physical Education 30**



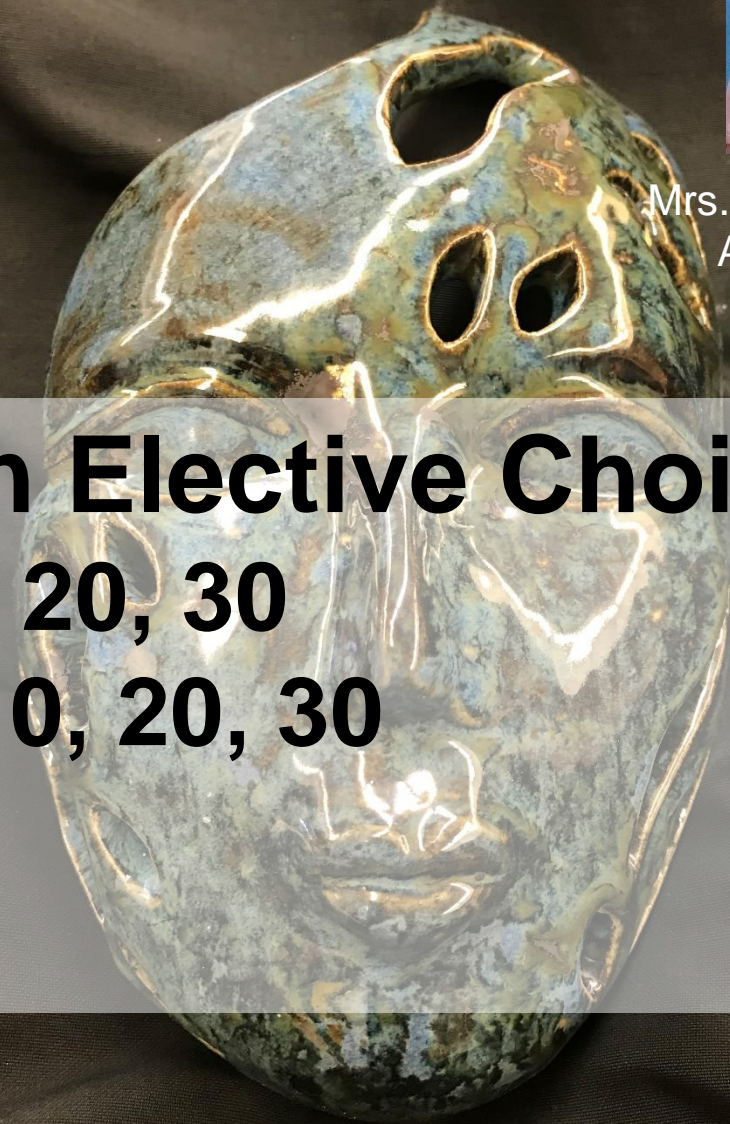
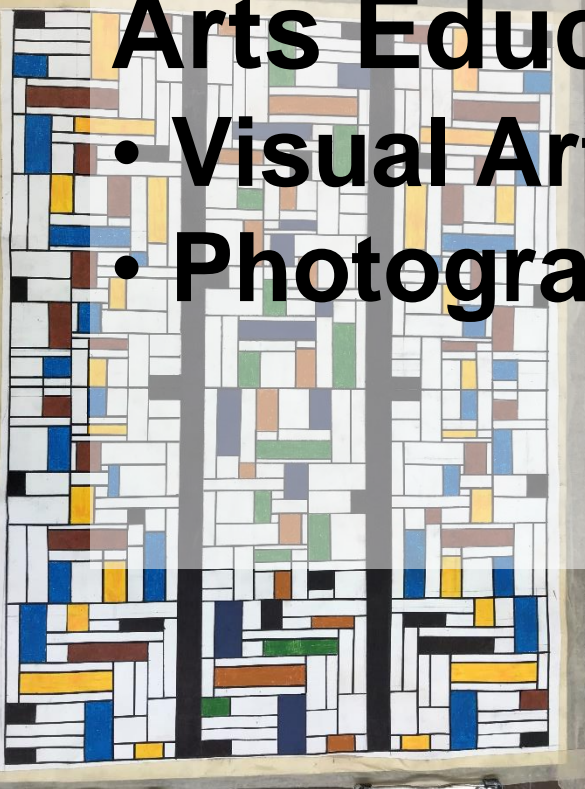
# Secondary Arts Education



Mrs. Crystal Dyck  
Arts Education

## Arts Education Elective Choices:

- Visual Arts 10, 20, 30
- Photography 10, 20, 30



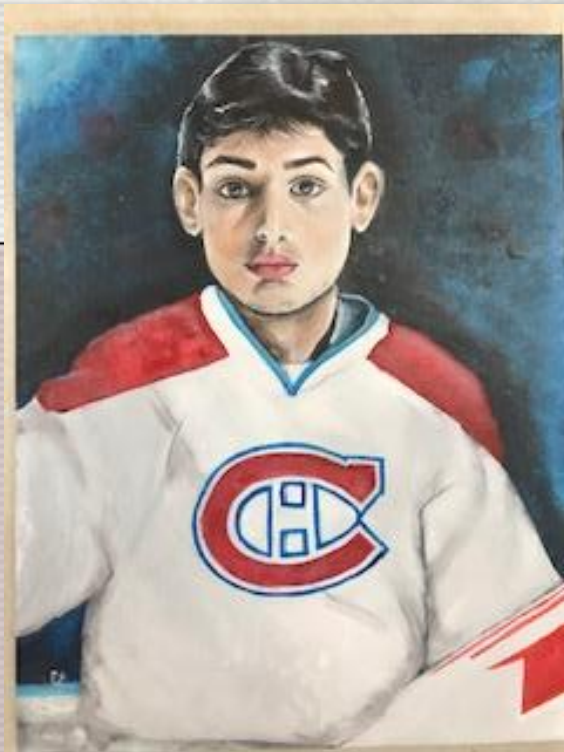




- **Visual Arts 10, 20, 30**
  - Exploring different mediums including painting, drawing, sculpting...









# Photography Student Work



- **Photography 10, 20, 30**

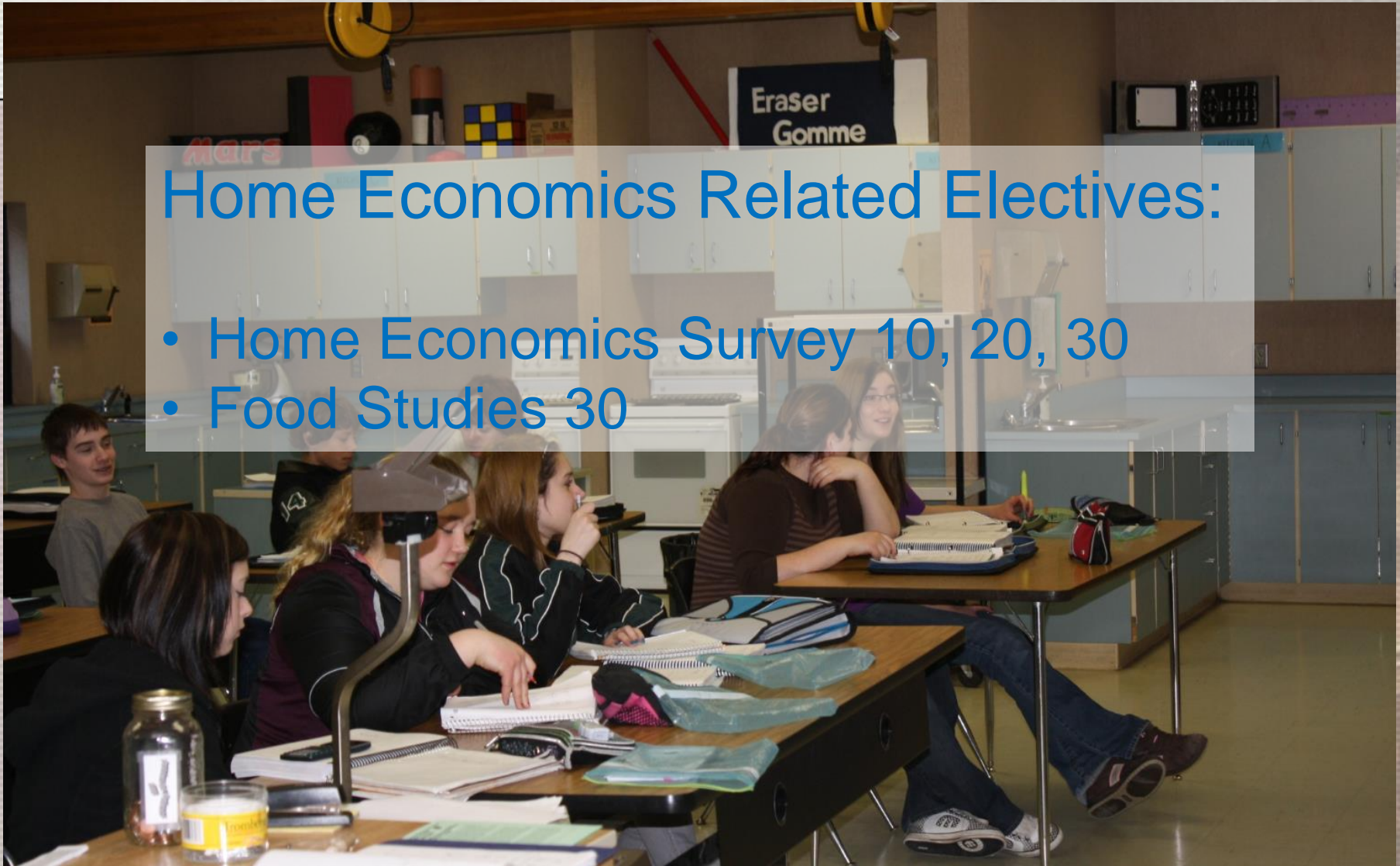
- Basics of digital photography and photo editing



# Practical and Applied Arts A

## Home Economics Related Electives:

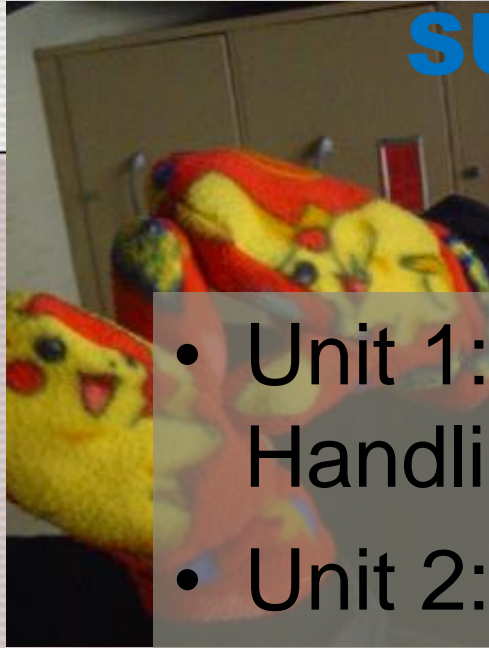
- Home Economics Survey 10, 20, 30
- Food Studies 30





# PAA 10-HOME ECONOMICS SURVEY

Ms. Stacey Kemp



- Unit 1: Certification in Safe Food Handling (Level 1)
- Unit 2: Quickbreads
- Unit 3: Sewing project: sweater
- Unit 4: Cakes and Pastries
- Unit 5: Appetizers and Party Planning





# PAA 20/30 – HOME ECONOMICS SURVEY

## CLOTHING, TEXTILES AND FASHION - CTFA

CTFA 03	Construction Details	25 hours
CFTA 13	Fashion Industry	5

## FOOD STUDIES - FS

FS 09	Snacks (Core)	10
FS 18	The Canadian Food Mosaic (Core)	10
FS 22	Creative Baking (Optional)	10
FS 23	Entertaining with Food (Optional)	10
FS 26	Additives (Core)	5

## INTERIOR DESIGN - INDE

INDE 01	Design Fundamentals	5
INDE 08	Applied Design	15



# Food Studies 30

- Milk & Dairy
- The Science of Nutrition
- Creative Baking
- Make Mine Quick and Healthy
- Canning
- Soups and Sauces
- International Foods
- Grains
- Baking with Yeast

# Practical and Applied Arts B

## 3 main goals of the Industrial Arts Program

- Give students basic skills and knowledge that can be used in the future.
- Give students choices within the areas that they would like to explore.
- Introduce students to possible career choices in a variety of trades.

## Industrial Arts Related Electives:

- Industrial Arts Survey 10, 20, 30
- Pure courses

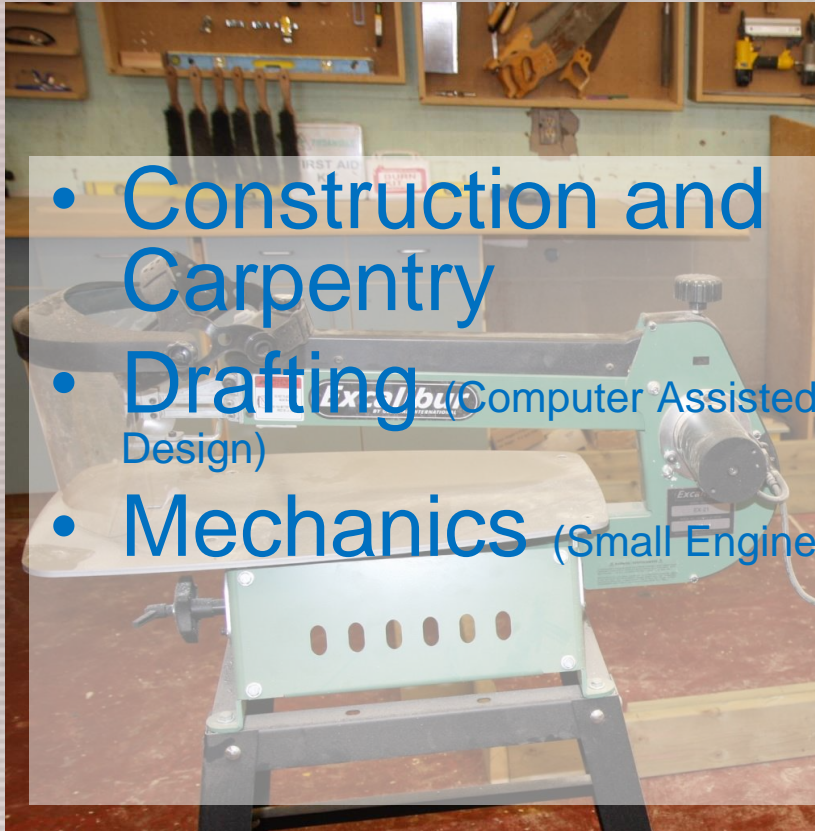


# PAA 10/20/30 – INDUSTRIAL ARTS SURVEY and PURE COURSES



Mr. Shawn Oleksyn  
IA

Students in the Industrial Arts program have the choice of participating in following areas:



- Construction and Carpentry
- Drafting (Computer Assisted Design)
- Mechanics (Small Engines)

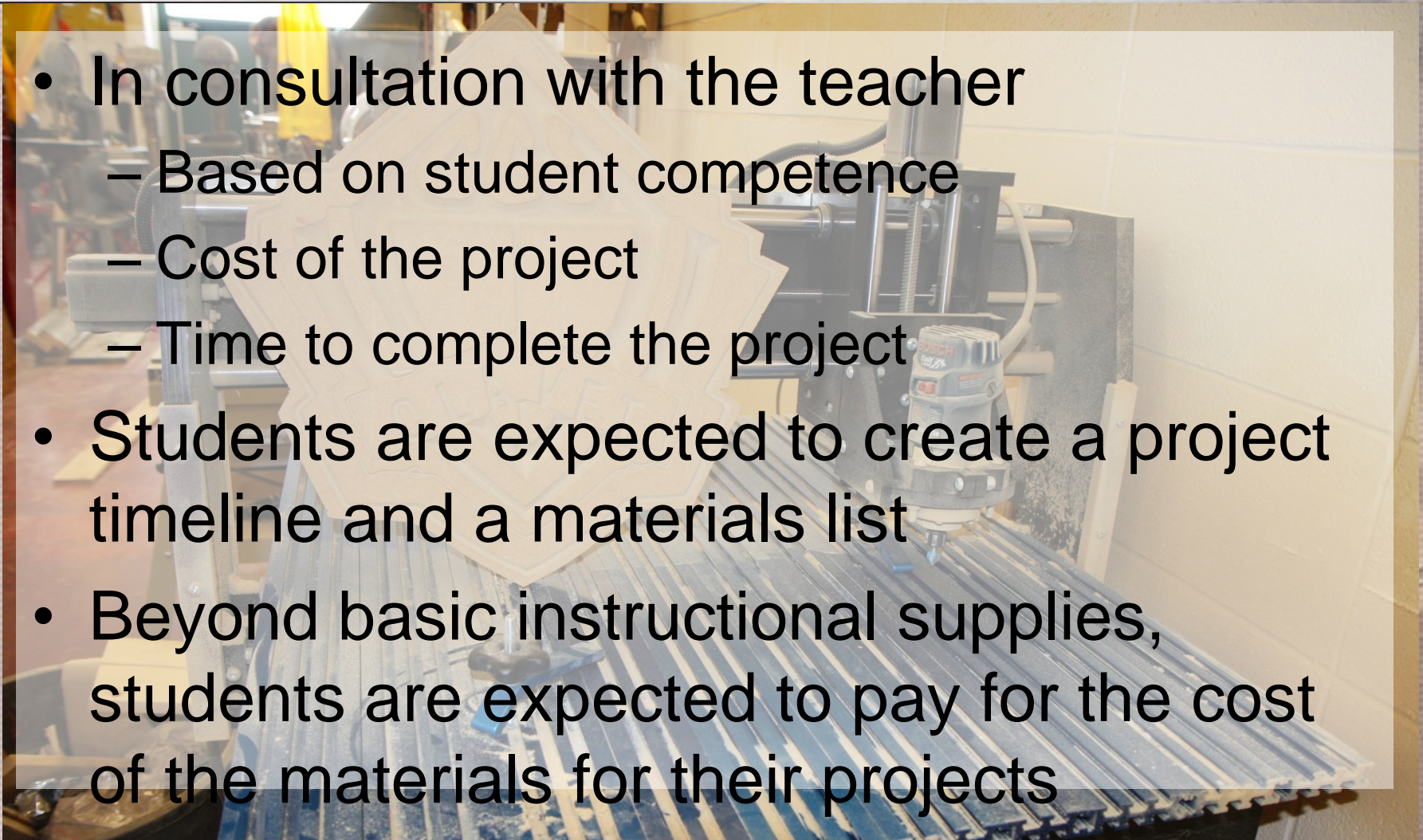


- Welding
  - Arc Welding
  - Oxygen/Acetylene
  - Mig Welding
  - Plasma Cutting
- Machining
  - Metal lathe



# Project Selection

- In consultation with the teacher
  - Based on student competence
  - Cost of the project
  - Time to complete the project
- Students are expected to create a project timeline and a materials list
- Beyond basic instructional supplies, students are expected to pay for the cost of the materials for their projects





# PAA 10/20/30 – INDUSTRIAL ARTS SURVEY

## Sample Student Work



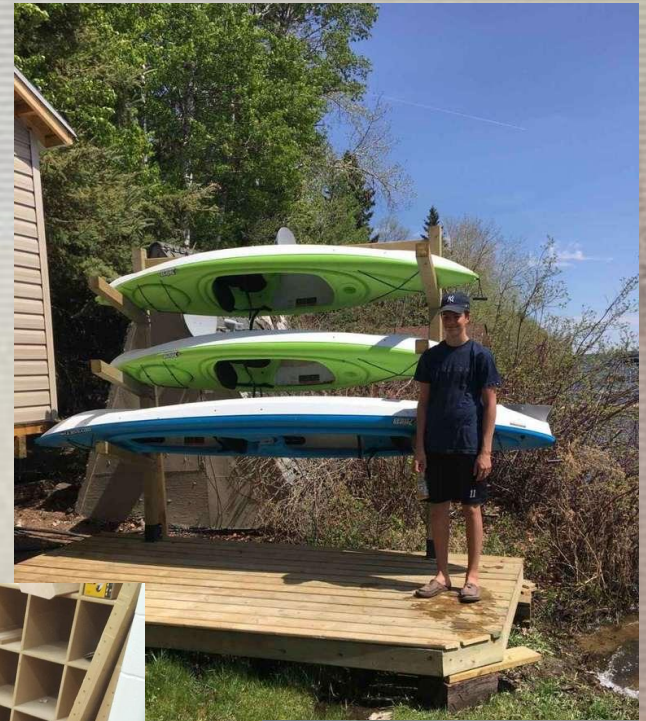


# PAA 10/20/30



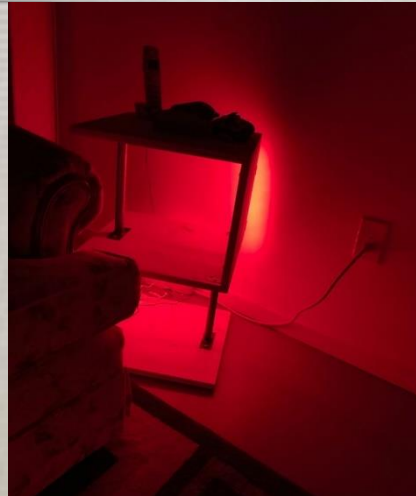


# PAA 10/20/30





# PAA 10/20/30





# Driver Education Program



Mr Todd Pluhator

- Non-Credit, Optional Course
- Contracted by the School Division
- Offered both semesters (two groups as required)
- 30 Oldest Grade 10's (or older students that have been missed) in the first group
- Remainder of Grade 10's in the second group –oldest selected Grade 9's may be included
- *No on-line registration required*

# Individualized Programming

- Support grade 10, 11 and 12 students in becoming strong advocates for themselves to meet learning needs. Ensuring that assignments, quizzes/tests/exams have proper accommodations and EA/technology support.
- Meet with each grade 10 student to discuss their grad plan using [MyBlueprint.ca](http://MyBlueprint.ca). It includes information on high school graduation plans as well as post-secondary planning
- Meet with each grade 11 student when planning Career Work Education placements ideas
- Meet with grade 12 student to discuss post-secondary plans. Act as a support for completing entrance applications, transcripts, and scholarship applications.



Mr. Brendan O'Reilly



# Support & Career Information

## Opportunities outside of School

- Distribute information about career fairs, boot camps and events hosted by SIEC
- Support grade 10, 11 and 12 students interested in the Saskatchewan Youth Apprenticeship Program

## Distance Education (\$50 deposit)

- Refunded upon completion
- Students are able to take up to two classes per semester

## Special Credit Course

- 4H club, Cadets, ...
- Courses need to be approved by Mr. Schmidt prior to commencing the programs

# Courses selection

- Students wishing to enrol for their Grade 10-12 courses need to complete an online registration
  - Thursday, May 7<sup>th</sup> at 8:00 pm  
until
  - Monday, May 11<sup>th</sup> at 9:00 am
- Following Monday, the school will contact and follow up with any students who have not registered by this time.



***Please contact us if you  
have any additional questions.***

