

## **Overview of High School**







#### **Waterdown** DISTRICT HIGH SCHOOL WDHS Administration



Greg Clark Principal

Nupi Gokhale Vice Principal

Jonathan Schinkel Vice Principal

## **Waterdown** DISTRICT HIGH SCHOOL **OVERVIEW OF HIGH SCHOOL**

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1. Semester One

September – January (4 courses)

- 2. Semester Two February – June (4 courses)
  - Total = 8 Credits



Bell	Period	Time
Schedule	1	8:00 – 9:15
Schedule	2	9:19 – 10:34
All Grade 9s have Period 3 lunch	3	10:38 – 11:53
All Grade 10s have Period 4 lunch	4	11:56 – 1:11
	5	1:15 – 2:30



## Waterdown DISTRICT HIGH SCHOOL Diploma Requirements

To graduate with a high school diploma in Ontario, students must:

- 1. Earn 30 credits
- 2. Pass the literacy requirement
- 3. Complete a minimum of 40 hours of community involvement activities
- **Note:** at least 2 must be online learning credits (opt-out available)



# 30 Credit Breakdown

Current high school students:

- 18 compulsory credits
- 12 optional credits

Students starting grade 9 in September of 2024:

- 19 compulsory credits
  - o new mandatory Tech credit (in Gr. 9 or 10)
- 11 optional credits



#### For current high school students

18	Compulsory Credits		
Stud	ents must earn the following compulsory credits to	Plus	, one credit from each of the following groups:
obta	in the Ontario Secondary School Diploma:		Group 1:
4	credits in English (1 credit per grade) *	-	<ul> <li>English or French as a second language</li> </ul>
3	credits in mathematics (1 credit in Grade 11 or 12)		a Native language     a classical or international language
2	credits in science	1	<ul> <li>social sciences and the humanities</li> </ul>
1	credit in Canadian history		Canadian and world studies
1	credit in Canadian geography		<ul> <li>guidance and career education</li> </ul>
1	credit in the arts		cooperative education
1	credit in health and physical education		Group 2:
1	credit in French as a second language		<ul> <li>nearth and physical education</li> <li>the arts</li> </ul>
0.5	credit in career studies	1	business studies
0.5	credit in civics		<ul> <li>French as a second language</li> </ul>
			cooperative education
In ad	dition, students must complete:		Group 3:
$\checkmark$	12 optional credits		<ul> <li>science (Grade 11 or 12)</li> </ul>
~	40 hours of community involvement activities	1	technological education     French as s second language
$\checkmark$	the provincial literacy requirement		Computer studies
~	earn at least two Online learning credits		Cooperative education



#### Waterdown DISTRICT HIGH SCHOOL For current Grade 8 Students

#### **19 Compulsory Credits**

Stud	ents must earn the following compulsory credits to obtain the	Plus, one credit from each of the following groups:	
Onta	rio Secondary School Diploma:		Group 1:
4	credits in English (1 credit per grade) *		<ul> <li>English or French as a second language</li> </ul>
3	credits in mathematics (1 credit in Grade 11 or 12)	-	<ul> <li>a Native language</li> </ul>
2	credits in science		<ul> <li>a classical or international language</li> </ul>
1	credit in Canadian history	- 1	<ul> <li>social sciences and the humanities</li> </ul>
1	credit in Canadian geography	-	Canadian and world studies
1	credit in the arts	-	guidance and career education
1	credit in health and physical education		Group 2:
1	credit in French as a second language	-	<ul> <li>health and physical education</li> </ul>
0.5	credit in career studies		the arts
0.5	credit in civics	1	<ul> <li>business studies</li> </ul>
1	credit in technological education (1 credit in grade 9 or 10)	-	<ul> <li>French as a second language</li> </ul>
			cooperative education
In ad	ldition, students must complete:		Group 3:
$\checkmark$	11 optional credits	•	<ul> <li>science (Grade 11 or 12)</li> </ul>
$\checkmark$	40 hours of community involvement activities	1	Erench as s second language
$\checkmark$	the provincial literacy requirement		Computer studies
$\checkmark$	earn at least two Online learning credits		Cooperative education



# **Course Selections for Grade 9**

- In Grade 9, you will take a total of 8 courses:
  - 5 mandatory compulsory courses
    - English
    - Math
    - § § § Science
    - French
    - Geography
  - 3 optional compulsory courses



Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Math	Math	Math	Choice #1
Science	Science	Choice #1	Choice #2
French	Careers & Civics	Choice #2	Choice #3
Geography	History	Choice #3	Choice #4
Choice #1	Choice #1	Choice #4	Choice #5
Choice #2	Choice #2	Choice #5	Choice #6
Choice #3	Choice #3	Choice #6	Choice #7



# Literacy Requirement

- Achieving a minimum grade of 75% on the Ontario Secondary School Literacy Test (OSSLT) which is administered in Grade 10
- Students unable to achieve this standard can meet this diploma requirement by completing the Ontario Secondary School Course (OSSLC) with a minimum grade of 50%



# Community Involvement

When can students begin?

• After you graduate grade 8

Goal:

• 20 hours by end of grade 10





#### For current Grade 8 Students

Date	Event
Friday, February 2, 2024 (9:45 a.m. – 12:15 p.m.)	<ul> <li>Experience a Day at Waterdown (9:45 a.m. – 12:15 p.m.)</li> <li>opportunity for grade 8 students to take part in several elective classes to support informed course selections</li> <li>Iocation: WDHS</li> </ul>
February 26 – 29, 2024 A. A. Greenleaf: February 28, 2024 @ 11:40 am Balaclava: February 29, 2024 @ 9:30 am Flamborough Centre: February 28, 2024 @ 8:30 am Greensville: February 29, 2024 @ 11:00 am Guy Brown: February 27, 2024 @ 1:15 pm	<ul> <li>Xello Course Entry Support</li> <li>grade 8s enter their course selections on-line via Xello</li> <li>location: Elementary Schools</li> <li>requirements: internet connected device (ex. iPad)</li> </ul>
Friday, March 1, 2024	Gr. 9 Registration Package for non-HWDSB students due
Friday, March 8, 2024 (Anticipated due date)	<ul> <li>Out-of-Catchment Application Due Date</li> <li>refer to the Board's website (<u>www.hwdsb.on.ca</u>) for the process, timelines, and application</li> </ul>
Wednesday, August 28, 2024 (Tentative) (9:00 a.m. – 1:00 p.m.)	<ul> <li>Smart Start Orientation</li> <li>tour school and participate in various activities</li> <li>location: WDHS</li> </ul>
Wednesday, September 18, 2024 (Tentative) (2:30 p.m. – 6:30 p.m.)	Grade 9 Night ø dance, karaoke, Mario Kart, games, crafts, and food



#### **EXPERIENCE-A-DAY** - FRIDAY, FEBRUARY 2, 2024

Event	Time	Subject	Location
Introduction	9:45 – 9:50	In the Atrium	
Period 1	9:55 – 10:25	Gym 1	1093
Period 2	10:30 – 11:00	Family Studies	1070
Break	11:00 – 11:10	In the Caf	eteria
Period 3	11:15 – 11:45	Exploring Technology	1087
Period 4	11:50 – 12: 20	Music	1065





## **Grade 9 Course Selections**

#### SECTION A: CORE COURSES :

For each of the 5 core subjects, please check one box.

Note 1: On-line (eLearning) delivery is asynchronous (no live daily instruction; students work independently).

	To be completed by the Student and Parent/Guardian/Caregiver				
Subject	Grade 9 Core Courses				
	In-person delivery On-line delivery (eLearning)				
1. English	ENL1W1	□ENL1W1 <b>eL</b>			
2. Math	MTH1W1	□MTH1W1 <b>eL</b>			
3. Science	SNC1W1	□SNC1W1 <b>eL</b>			
4. Geography	□CGC1W1				
5. French	✓FSF1D1	□FSF1D1 <b>eL</b>			



For current Grade 8 Students

#### SECTION B: ELECTIVES

Please select <u>3 courses</u> from all the options below.

**Note:** Completion of an Art, Phys. Ed., and Technology credit are required for graduation. It is recommended that these graduation requirements are completed prior to grade 11.

DADA101 – Drama	□BEM1O1 or □BEM1O1 <b>eL</b> – Building the Entrepreneurial Mindset
AMV101 – Vocals/Choral	□HIF1O1 or □HIF1O1 <b>eL</b> – Exploring Family Studies
□AMU1O1 – Music (Instrumental)	PPL101F – Healthy Active Living – Female
□AMU101 – Music (Instrumental)	PPL101M – Healthy Active Living – Male
AMR101 – Repertoire (occurs during lunch)	PAI101 – Recreational Physical Education – All-Genders
AVI101 – Visual Arts	PAL101 – Personal & Fitness Activities – Hockey – All Genders
AWA101 – Visual Arts Crafts	□TAS1O1 – Technology & the Skill Trades
□AWQ101 <b>eL</b> – Visual Arts Photography (eLearning only)	TXJ101 – Exploring Hairstyling and Aesthetics
□NAC1O1 <b>eL</b> – Expressions of First Nations, Métis, Inuit	□GLS1O1 – GAP Math
Cultures (eLearning only)	



These three letters

identify the subject.

#### Waterdown DISTRICT HIGH SCHOOL

SNC1W1

This number

Identifies the grade:

3 = Grade 11

4 = Grade 12

1 = Grade 9

2 = Grade 10

Grade 9 – 10

W = Without Stream O = Open P = Applied D = Academic

The sixth character refers The credit value of the course

The letter identifies the Stream/destination

#### Grade 11 – 12

- C = College E = Workplace M = University/College O = Open
- U = University



# **Destreamed/Open Courses**

DESTR	EAMED
Cou	rses
(V	V)
OPI	EN
Cour	ses
(0	1

- Structured like classes in grade 8
  - expectations are designed for and appropriate for all students
- Students are <u>not</u> grouped into classes based on destination
  - (ex. University) or ability (ex. Grades)
- Only difference is class size



## Sample Grade 8 Timetable

	Day 1	Day 2	Day 3	Day 4	Day 5
Period 1	Literacy	Math	French	Literacy	Physical Educatio
Period 2	Music	Music	Math	Literacy	Math
Nutrition Break					
Period 3	Math	French	Science	Health	Literacy
Period 4	Science	Physical Education	History	French	Literacy
Nutrition Break					
Period 5	Physical Education	Literacy	Literacy	Geography	Visual Arts
Period 6	French	Literacy	Literacy	Math	Drama/Dance



# Sample Grade 9 Timetable

Semester/Term	Course	Course Name	Section	Period (Day)	Start Date	Room	Teacher
Semester 1	CGC1W1	ISSUES IN CANADIAN GEOGRAPHY CGC1W1	11	1(A)	4/9/2024	2108	Buist, C.
	TAS101	TECHNOLOGY & THE SKILLED TRADES TAS101	12	2(A)	4/9/2024	1085	Montfort, L.
	PPL101F	HEALTHY ACTIVE PPL101FLIVING	14	4(A)	4/9/2024	1232	Garland, K.
	MTH1W1	MATHEMATICS MTH1W1	15	5(A)	4/9/2024	2101	McClymont, M.
Semester 2	BEM101	BUILDING THE ENTREPRENEURIAL MINDSET BEM101	21	1(A)	3/2/2025	1018	Stuart, N.
	SNC1W1	SCIENCE SNC1W1	22	2(A)	3/2/2025	2006	Beauchamp, C.
	FSF1D1	CORE FRENCH FSF1D1	24	4(A)	3/2/2025	1068	Hedley, M.
	ENL1W1	ENGLISH ENL1W1	25	5(A)	3/2/2025	2038	Smith, E.



# **Course Selections in Grade 10**

- In Grade 10, you will take a total of 8 courses:
  - 5 mandatory compulsory courses
    - English
    - Math
    - Science
    - History
    - Careers & Civics
  - 3 optional courses



For current Grade 8 Students

TECHNOLOGICAL EDUCATION	GRADE 9	GRADE 10
Technology and the Skill Trades	TAS101	TAS201
Communications Technology		TGJ2O1
Green Industries		THJ2O1
Computer Technology		TEJ2O1
Construction Technology		TCJ2O1
Construction Technology/SHSM Construction		
Custom Woodworking		
Construction Technology – Home repair		
Technological Design		TDJ2O1
Transportation Technology		TTJ2O1
Hairstyling and Aesthetics	TXJ101	TXJ201
Hairstyling and Aesthetics (Dual Credit/Niagara College)		



## **ART CRERIT REMINRER**

ARTS	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Drama	ADA101	ADA2O1	ADA3M1	ADA4M1
Music-Instrumental	AMU101	AMU2O1	AMU3M1	AMU4M1
Music-Instrumental & Repertoire (2 credit package)	AMU101 9, AMD101	AMU201 & AMR201	AMU3M1 & AMR3M1	AMU4M1 & AMR4M1
Note: Repertoire will occur outside the school day	APIOTOT & APIKTOT			
Music-Vocal/Choral	AMV101	AMV2O1	AMV3M1	AMV4M1
Music – Keyboarding		AMK2O1	AMK3O1/AMK3M1	AMK4M1
Visual Arts – Crafts	AWA101			
Visual Arts	AVI101	AVI2O1	AVI3M1	AVI4M1
Visual Arts-Digital Media		AWS201		
Visual Arts-Drawing and Painting		AWM2O1	AWM3M1	
Visual Arts-Interior Design			AWH3O1	
Visual Arts-Photography			AWQ3M1	
Visual Arts-Non-Traditional (Portfolio)				AWT4M1



# PHYS. ER. CRERIT REMINRER

HEALTH & PHYSICAL EDUCATION	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Hockey Focus (course fee applies)	PAL101 (all-genders)			
Sports and Games (F-Female, M-Male)	PPL101F, PPL101M	PPL2O1F, PPL2O1M	PPL3O1F, PPL3O1M	PPL4O1 (all-genders)
Recreational Physical Education	PAI101 (all-genders)	PAI2O1 (all-genders)	PAI3O1 (all-genders)	PAI4O1 (all-genders)
Personal Fitness Activities (F-Female, M-Male)		PAF2O1F, PAF2O1M	PAF301F, PAF301M	PAF401F, PAF401M
Football Focus		PAR2O1 (all-genders)	PAR3O1 (all-genders)	PAR4O1 (all-genders)
Basketball Focus			PAL3O1 (all-genders)	PAL4O1 (all-genders)
Introductory Kinesiology				PSK4U1(all-genders)
Recreation & Healthy Active Living Leadership				PLF4M1 (all-genders)



# Grade 10 Program Streams





## PATHWAYS





# **Destinations**



Apprenticeship and/or specific training	College and/or apprenticeship	University	Workplace
<ul> <li>Crafts Artisan</li> <li>Athlete</li> <li>Film and TV Crew</li> </ul>	<ul> <li>Graphic Artist</li> <li>Animator</li> <li>Radio Broadcaster</li> <li>Fitness Instructor</li> </ul>	<ul> <li>Musician</li> <li>Producer</li> <li>Journalist/Writer</li> </ul>	<ul> <li>Picture Framer</li> <li>Stage Assistant</li> </ul>
<ul> <li>Chef</li> <li>Sales</li> <li>Representative</li> </ul>	<ul> <li>Event Planner</li> <li>Marketing Manager</li> </ul>	<ul> <li>Accountant</li> <li>Manager</li> <li>Supervisor</li> </ul>	<ul> <li>Cashier</li> <li>Tour Guide</li> <li>Office Receptionist</li> </ul>
Arborist	<ul> <li>Massage Therapist</li> <li>Dental Hygienist</li> </ul>	<ul> <li>Physician</li> <li>Engineer</li> <li>Veterinarian</li> <li>Architect</li> </ul>	<ul> <li>Hospital Service Worker</li> <li>Landscaper</li> </ul>
<ul> <li>Electronic Service Technician</li> </ul>	Computer     Technologist	Computer     Programmer	Dental Record     Assistant
<ul> <li>Painter</li> <li>Decorator</li> <li>Hairstylist</li> </ul>	<ul> <li>Police Officer</li> <li>Early Childhood Educator</li> </ul>	<ul> <li>Lawyer</li> <li>Psychologist</li> <li>Teacher</li> </ul>	<ul> <li>Security Guard</li> <li>Daycare Assistant</li> </ul>



# Academic vs Applied Streams

APPLIED Courses (P) Student typically:

- requires a practical/hands-on approach
- works best with step-by-step instructions
- often requires assistance with independent work

ACADEMIC Courses (D) Student typically:

- able to grasp complex/theoretical concepts
- work independently and collaboratively
- able to problem solve and make connections



# Academic vs Applied





In the Chemistry Unit of both SNC2D1 and SNC2P1, both streams will explore chemical equations, but the complexity, depth of study, and amount of repetition/scaffolding differs.

SNC2D1 (Academic) Balancing chemical equations  $AI_4C_3 + H_2O \rightarrow AI(OH)_3 + CH_4 \qquad \_H_2 + \_O_2 \rightarrow \_H_2O$ Analyzing chemical equations

For Bromine reacting with potassium iodide NaOH + HCl  $\rightarrow$  NaCl + H<sub>2</sub>O

- a) Write a word equation for the reaction a) Identify the products
- b) Write a balance chemical equation
- c) Classify the reaction

- b) Is the equation balanced
- c) Classify the reaction



In the Optics Unit of both SNC2D1 and SNC2P1, both streams will explore electromagnetic waves in our society, but the complexity, depth of study, and amount of repetition/scaffolding differs. SNC2D1 (Academic) SNC2P1 (Applied)

For each electromagnetic wave below, explain its use in our society:

- a. X-rays
- b. UV light
- c. Radio waves
- d. Infrared light
- e. Microwaves
- f. Gamma rays
- g. Visible light

Match each electromagnetic wave from column A with the term from column B that is most closely related.

X-rays	i) Telecommunications
UV light	ii) Vitamin D
Radio waves Infrared light	iii) Cancer treatment iv) Radar
Microwaves	v) Concert effects
Gamma rays Visible light	vi) Baggage screening vii) TV remote control



#### Academic vs Applied in Math $(x+c)(x-c)=x^2-c^2$ $tg \alpha = \frac{BC}{AC} = \frac{a}{6}$ B $\cos \alpha = \frac{AC}{AB} = \frac{b}{c}$ α 10 $(x+c)(x^2-xc+c^2)=x^3+c^3$ ctg of =AC 0



a) y = (x+1)(x+5)

**b)** y = (x+1)(x-5)

c) v = (x-1)(x+5)

#### Waterdown DISTRICT HIGH SCHOOL

In the Algebra unit of MFM2P and MPM2D, both streams will explore quadratics, but the depth of study and complexity of questions will differ.

#### APPLIED

Which of the following equations does the parabola represent? Circle your answer?



#### ACADEMIC

Write an equation in intercept form for the following parabola.





Students in both streams of Grade 10 Math will study Trigonometry. The associated word problems differ in complexity and the number of steps required to solve them.

#### **Applied**

 While mountain climbing, one end of a 22m long rope is at the top of a cliff. The angle the rope makes with the ground is 75°. How high is the cliff, to the nearest metre?

#### Academic

A speedboat took off from a dock at an angle of 65° from the shore, at a speed of 80 km/h. At the same time, a jet ski took off at an angle of 107°, travelling at 160 km/h. After 30 minutes, how far apart are the two watercraft from each other? Answer to one decimal place.



# Academic vs Applied





Analytical Writing from APPLIED Stream ENG 2P	Analytical Writing from ACADEMIC Stream ENG 2D
<ul> <li>SHORT Essay</li> <li>More simple argument</li> <li>Supporting details are mostly paraphrased in student's own words</li> <li>Supporting details are from personal connections and 1- 2 stories from course</li> </ul>	<ul> <li>A FULL Essay</li> <li>more advanced argument</li> <li>Supporting details are mostly quotations</li> <li>Supporting details are only from literature</li> </ul>
<b>Student Model, Level 4</b> : Difficult choices are a part of growing up. Difficult choices cause tension and conflict but create new learning or strengths. This theme can be seen in examples from my life as well as stories and movies. Three parts of the theme are family, school, and work.	<b>Student Model, Level 4:</b> Literature can provide insight into the world, especially when students consider the different dimensions of setting. An important element in the socio-cultural dimension of a story's setting is the amount and kind of justice that exists. Short stories as well as the novel <i>Gutter Child</i> reveals injustice in social systems, cultural values and beliefs, and personal relationships.



#### **Analytical Reading Questions:**

Hold fast to dreams For if dreams die Life is a broken-winged bird That cannot fly.

Hold fast to dreams For when dreams go Life is a barren field Frozen with snow.

# APPLIED STREAM – ENG2P1 1. The writer urges readers to hold "fast" to dreams. What does that word mean when you see it as the root word for the word "fasten"? 2. Why do you think this writer chose this word? 3. How is the writer comparing a person without dreams or goals to a bird? ACADEMIC STREAM – ENG2D1 1. Use vocabulary inference strategies to explain the word "fast" does not mean "quick", and then explain why it is an effective choice. 2. Explain how the poem's two metaphors work, or how they are constructed, and explain why they are effective in developing the poem's theme.



## Waterdown DISTRICT HIGH SCHOOL SCHOOL SUPPORTS









## EXTRA-CURRICULARS



















## Opportunities For Current Gr. 85

- Summer Reach Ahead Opportunities (credit granting)
- Skill Builders (non-credit granting)
- Gr. 9 Summer Orientation (Wednesday, August 28, 2024)
- Gr. 9 Day (Wednesday, September 18, 2024)



## Waterdown DISTRICT HIGH SCHOOL OUESTIONS?

Please email any questions to bmorriso@hwdsb.on.ca

Ms. Morrison will reply to your email. Please note that commonly asked questions will be posted on the school website (FAQs section within High School Overview tab)

