

**HOME OF THE
DRILLERS**
OILFIELDS HIGH SCHOOL



**“A Community
of Learners
Empowered for
Life.”**

Oilfields School



Foods Studies & Textile Arts

In Foods Studies students explore the basics of food preparation, nutrition, kitchen and food safety, presentation, baking basics, and essential basic competencies. In Textile Arts, through different assignments and projects, students learn machine sewing essentials, knitting and crochet fundamentals, and hand sewing basics. Creativity is used to design individual textile projects. Students have the choice in preparing a garment or project of their preference, dependent on sewing level. Students may also be required to purchase materials for their projects

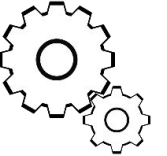


Industrial Arts

Students in the Industrial Arts program will have the opportunity to learn and explore the fundamentals of workshop safety and how to operate a wide variety of hand and power tools. Students will develop measurement skills and materials handling, introductory wood joinery, and basic construction practices including assembly, sanding, and finishing. By the end of the course, the students will have completed a variety of projects to take home and should feel confident in their skill set of woodworking and basic construction.



Metal Fabrication Students in Metal Fab will learn and explore the fundamentals of building with steel! Students will start with safety and workshop etiquette, then move on to sheet metal fabrication, the basics of Shielded Metal Arc Welding, and Gas Metal Arc Welding. In the course we will explore metal cutting and grinding processes, thermal cutting operations using plasma, and develop an understanding of assembly and construction techniques. Student will also learn how to operate a blacksmiths forge and use it to forge out decorative items and functional tools. Through a variety of take home projects, the students will become confident in their fabrication skill set.



Enterprise & Innovation In this course students will learn about the basics of financial literacy, entrepreneurialism and the stock market. The students will have an opportunity to build their own company through an online simulation along with investing in companies through an online simulation.



The **Recreational Sports** Course provides students who love Physical Education with additional opportunities to participate in team building activities. This course provides students who love to be active the opportunity to play TGFU (Teaching Games for Understanding). These activities are created to help build skills for sports, recreational games and teamwork.



Recreational Sports



Hockey Skills Canada

The Hockey Canada Skills Academy focuses on the development of fundamental hockey skills such as skating shooting, passing and general knowledge of the game. Students will also learn dry land training principles, nutrition, psychology and leadership qualities that are important for success in sports, academics and life. Whether you just love to play the game or are striving for a higher level, this class is available to everyone. Full equipment is required.



Filmmaking

This course focuses on the impact of films on culture as well as planning, filming and editing your own commercial and short film using movie editing software.

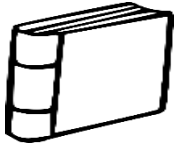
This course will develop your understanding of exposure, composition and photo editing. This is a hands on learning environment, so participation is crucial. In photography, you get out of it what you put into it! This is meant to be an overview of topics that you will cover in greater detail in Photography 10-20-30.



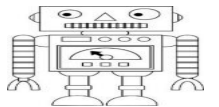
Photography



Digital Technology Digital Technology at the junior high level is an introduction to digital media and design. We will examine topics that include graphic design, animation, audio and video. We will learn industry standard programs such as Adobe Photoshop, Illustrator and Animate. Finally, we will learn how to print our projects and display them in appropriate digital formats. This course feeds into the Communication Technology program in High School.



Robotics is the interdisciplinary branch of engineering and science that includes engineering, electronics, and computer programming. In this class you will learn about the design, construction, operation, and use of computer systems. We will explore hands on physical computing with the goal of creating a product related to robotics to solve a problem in our world.



Junior Agriculture A great course if you like gardening, farm animals and food! Students in the Junior High Agriculture course will be involved in the planting, harvesting and maintenance of the school's garden. During the cold months, we will focus on growing plants indoors. An introduction to Equine care, pest management, garden design, agriculture history, sustainable farming practices, and food preparation will be topics covered in this course.



Environmental & Outdoor Education A great course if you like hiking, skiing and exploring nature! The Junior Outdoor Education course will provide you with a skill set for safe and successful trips into Kananaskis Country. A large portion of this course will take place outdoors in the river valley behind the school and in Kananaskis Country. Activities will include hiking, cross country skiing, snowshoeing, fishing and outdoor games. Topics of study will include outdoor skills (shelter building, fire starting, campfire cooking), wildlife safety, fishing, geography and paleontology (dinosaurs, etc.). We will have 4 field trips to Kananaskis Country if COVID-19 Restrictions allow.



CIRCLE OF COURAGE This is an innovative course based on the medicine wheel and is intended to support youth in living a resilient and healthy lifestyle. Students will develop a deep understanding of the concepts of Belonging, Mastery, Generosity and Independence through a variety of activities and experiences a safe and fun learning environment.

Leadership: "Leaders aren't born, they're made." Come and explore what makes great leaders. In this course we will examine leadership qualities in a number of areas, including sports, business, education, and politics. There will be a classroom component to this course, along with a practical component through leadership opportunities within the school.



Spanish This is a basic and fun introduction course to the Spanish language. It is taught in an immersion style, using storytelling, cultural activities, and games. The emphasis is on understanding the language, with increasing ability to write and speak. Lots of laughter and fun will ensue!

French This is a basic and fun introduction course to the French language. It is taught in an immersion style, using storytelling, cultural activities, and games. The emphasis is on understanding the language, with increasing ability to write and speak. Lots of laughter and fun will ensue!

Concert Band This class will engage students musically through performance on an instrument in a wind ensemble. Emphasis is placed on continuing to develop personal musicality, and refining qualities and abilities as a musician through performances, exposure to diverse and quality literature, aural and listening activities, increased knowledge of music theory, and valuing and appreciating a variety of music, through the materials and repertoire studied in class. Performances include school concerts, music festivals, sporting events, and community events.



Drama Students will have the opportunity to be involved in all aspects of theatre - from production to performance. Specifically, they will explore topics and themes of interest to the individual while participating and demonstrating their growth through a performance. This class is creative and fun!

ART The emphasis is to have the students explore the elements and principles of art and design. This course is project based, with a focus on drawing, painting and composition skills.





Introductory Guitar: This introductory guitar class will introduce students to the basics of playing guitar. Seven different chords are introduced, as well as basic strumming, finger picking, and power chords. There will be some melodic reading along the way, but it is introduced very gradually, and only five different notes are used. Opportunities will be given throughout the year for both ensemble and individual performance. By the time students complete this course they will be equipped to continue their own guitar studies in whatever style they choose.

ELECTRONIC MUSIC PRODUCTION: Technology has completely changed the way we create music and it has never been more inclusive and accessible than it is now. This course will give all students the opportunity and know-how to create music in the style they love through a very easy to use, but powerful digital audio workstation (DAW) called BandLab. Students will learn how to work with audio and midi loops, midi instruments, effects, basic mixing and recording techniques, and sound assessment, all with the end goal of creating full song arrangements that can be exported and shared with whomever they desire. Requirements: Pair of headphones with standard 3.5mm connection jack.



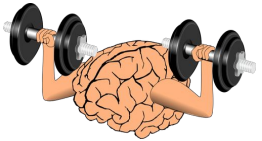
Science Exploration

Do you have an interests in Science and Engineering? Do you enjoy exploring careers and investigating world phenomena? This course is for students who have a keen interest in the Sciences and have demonstrated a mature attitude towards learning. This class will offer you a challenge over and above your regular science class. We will be performing hands on learning, as well exploring careers and issues in the Science world.

Junior Fitness: This is a hands-on course where students learn the theory and practice behind several types of athletic training that lead to lifelong wellness. Students spend time participating in strength and resistance training, flexibility / agility, cardiovascular training, and learn about the benefits of stretching and nutrition.



Marketing / Business: This course will have students learn about entrepreneurship, innovation, and marketing as they work with local businesses, government, and organizations. Students could choose a project/projects that align with their interests such as designing a company and/or creating a marketing campaign for a local event /organization through a community partnership.



Junior Sports Science: This is a hands on course that explores the theory and practice behind how high level athletes train, eat, perform, and think. Students will be given the opportunity to apply this information in real world scenarios in the gym, the yoga mat, and the classroom. Come and learn what the best of the best do to get to the top their game.

Anthropology is the study of human life and behaviour. In this class students will explore methods, techniques and tools used by real anthropologists. Students will be introduced to three disciplines within Anthropology: **Primatology**; the study of our primate ancestors; **Socio-cultural Anthropology**; the study of human interaction and diversity; **Archaeology**; the study of human past using physical remains. When restrictions are loosened field work will be part of the course.

