



**Springbank**  
COMMUNITY HIGH SCHOOL

Rocky View Schools



"Reaching New Heights"

# SPRINGBANK HIGH SCHOOL

## Grade 9 Course Planner 2018-2019

(Also available online at <http://springhs.rockyview.ab.ca>)



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COMMUNITY HIGH SCHOOL

**"REACHING NEW HEIGHTS"**

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# 2018-2019 Grade 9 Required Courses

## Language Arts 9

Language is used to communicate ideas and feelings, to assist social and personal development and to mediate thought processes. It is therefore important that the students use language to explore their world. Language Arts students address the following: explore thoughts, ideas, feelings and experiences; comprehend and respond personally and critically to oral, print and other media texts; manage ideas and information; enhance the clarity and artistry of communication; and respect, support and collaborate with others.

**French Immersion** students follow the same curriculum, but instruction is given in French for one semester.

## Mathematics 9

The aim of the math program is to prepare students to use mathematics confidently to solve problems, communicate and reason mathematically, appreciate and value mathematics, commit themselves to lifelong learning and to become mathematically literate adults, and use mathematics to contribute to society. Units of study include Powers and Roots, Algebraic Equations, Polynomials, Circle Properties, Shape and Space, Transformations, and Data Analysis.

## Science 9

Science 9 builds on students' previous life and science education experiences and provides a foundation for the study of senior high sciences in the areas of biology, chemistry, physical and earth sciences through an integrated approach. Topics include biological diversity, matter and chemical change, environmental chemistry, electrical principals and technologies and space exploration.

## Social Studies 9

Social Studies students analyze the relationship between Canada's political and legislative processes and their impact on issues pertaining to governance, rights, citizenship, and identity. Students explore issues of economics and their impact on quality of life, citizenship, and identity in Canada and the United States.

**French Immersion** students follow the same curriculum, but instruction is given in French.

## Physical Education / Health and Life Skills 9

The aim of the **Physical Education** program is to enable students to lead an active healthy lifestyle. A variety of learning experiences are offered to meet individual differences and provide students with experiences that can contribute to an active and healthy adulthood. Students are encouraged to maintain physical fitness and positive attitudes toward life-long participation in physical activity. The aim of the **Health and Life Skills** program is to enable students to make well-informed, healthy choices and to develop behaviors that contribute to the well being of self and others. Three areas of focus are wellness, relationship and life learning choices. A comprehensive health program involves a partnership among home, school and community. Students take this course every second day for the full year.

## French Immersion 9

In the French Immersion program at SCHS, students complete half of their Language Arts program and their entire Social Studies course in the French language.

## Grade 9 Week of Welcome (WOW) and Phoenix Challenge

This year, our grade 9's will be participating in two exciting and engaging, multi-day, immersive learning experiences.

The first event will be the Phoenix WOW (Week of Welcome), an outdoor-oriented experience aimed at teambuilding and developing a culture of cooperation and acceptance among the Grade 9 class. The students will have a choice of participating in one of the following three options:

- 1) A series of local day trips to facilities in the Calgary area.
- 2) A 4-day, three-night trip to the Goldeye Centre in Nordegg.
- 3) A 7-day trip to Haida Gwaii on the Queen Charlotte Islands.

More details of these experiences will be forthcoming during the registration process, but we would ask all students to select their choice for field trip in order to aid in our planning.

The second event unique to our Grade 9 program will be the Phoenix Challenge. The Phoenix Challenge is an immersive experiential learning event where students will spend three days exploring one of eight fields of study, such as engineering, aviation, culinary arts and music. Students will spend two days off campus engaging in unique hands-on experiences and then spend the third day engaging with a unique and fun challenge focused on that specific area of study. The Phoenix Challenge will be held at the end of January or in early February. The guiding philosophy of this program is based on the question, "How do we learn from our past to better understand the present and serve the future?" Students will have an opportunity choose their top interests in September of the coming school year. They will be assigned to each section based upon their selections. If you have questions, please feel free to contact the grade 9 grade administrator.

## 2018-2019 Grade 9 Electives' Exploration

Students in grade nine at the high school level are embarking upon an exciting stage in their educational career. High school is a time of exploration, discovery and refinement of one's talents. As we prepare students for a busy and changing world, they will be exposed to a breadth of elective courses that will help them to discover and develop their learner skills. Elective courses are an integral part of a balanced education. The foundations of brain research and science reinforce the importance of deliberate and explicit development of students' minds through second language learning, fine arts and kinesthetic education. Students will be enrolled in four electives across the school year. While we attempt to accommodate all elective requests, timetable and resource constraints may not allow for all requests to be fulfilled.

### **Art 9 (\$40.00)**

Art students learn to use traditional and contemporary tools, materials and media to express their feelings, think like artists, value art creation and value art form through Drawings, Compositions and Encounters.

### **Band 9 (\$50.00)**

Band 9 continues from Band 8 in the development and appreciation of music, history, theory and performance. Students develop the necessary tools to make a healthy contribution to the senior band tradition.

### **Drama 9 (\$10.00)**

Students in this elective explore a variety of dramatic roles, develop a range of dramatic skills and experience theatre through Movement, Speech, Improvisation, Acting, Theatre Studies and Technical Theatre. Grade 9 Drama students are also welcome to audition for the Fall Mainstage Production.

### **Engineering and Design 9 (\$35.00)**

This is an introductory survey course of Engineering and Design. First, students will use robot kits to explore the world of robotics. Initially they will build robots from pre-existing robotic plans. This will introduce them to the design, function, structure and programming systems before advancing into designing their own functioning robots. Also, students will be introduced to the basics of computer programming. They will explore computers and coding with the goal of creating an original final project. Students need no previous computer, coding or robotics experience.

**Film Study 9 (\$10.00)**

This course is NOT about watching movies; it focuses on learning how to interpret film in order to enhance the enjoyment, and ultimately, the understanding of cinema. Students will discover cinematic techniques, explore film history, search for patterns in film and evaluate the director as *author*. The purpose of this course is to introduce students to the language of visual media and to give them critical tools for presenting, discussing and writing about films.

**Foods 9 (\$60.00)**

Food 9 students learn the basics of the culinary arts while preparing a wide variety of recipes to please the palate. Students gain confidence in the kitchen while learning how to maintain safety and sanitation. Students learn to plan and prepare snacks, appetizers and full course meals for their family and friends.

**French as a Second Language 9 (FSL) – FSL 9 or Spanish 9 are Required Options**

FSL students develop vocabulary relevant for daily communication, practice and use verb tenses and develop reading and speaking skills. FSL students develop increased confidence in understanding and communicating in French, while exploring the Francophone culture in Quebec and Canada.

**Guitar 9 (\$25.00)**

To be a REAL Guitar Hero it takes more than pushing some buttons. You have to pull some strings. This is a hands-on course where students will learn to read and play music on the guitar. The technical skills learned will include various scales and chords that will be applied through the learning and performing of different styles of music. Students will have opportunities to perform as a collective group and in smaller groupings or as solo performers.

**Leadership 9 (\$20.00)**

Students in this elective will learn what it means to be a leader, how leaders create change, and how we can create positive change in our school, our community, and the wider world. Students participate actively in a series of initiatives introducing them to leadership in a high school setting, including a major project of their choice where they create positive change with a group of their peers. This course is perfect for students who would like to actively engage in improving our world.

**Media Arts 9 (\$50.00)****Introduction to Photography • Film • Graphic Design • Digital Art**

Media Arts 9 is an introductory course focusing on photography, stop motion film and graphic design and art. Students will use a variety of digital multimedia equipment, and software to create engaging and effective multimedia projects. Students will gain beneficial skills to help them throughout their high school career and everyday life. Projects include digital art, photography and graphic design portfolios, and stop motion film. Students registered in Media Arts will have access to a variety of current camera, film and computer equipment, as well as the entire Adobe Creative Cloud suite of software. Exemplary student projects will be submitted for consideration at local film festivals and showcases, and around the school.

### **Outdoor Education(Wildlife) 9 (\$275.00)**

Students will have an opportunity to participate in outdoor pursuits such as mountain biking, hiking, disc golf, cross country skiing, snowshoeing and climbing. The participants of this introductory course will be provided transportation, gear and the instruction necessary to safely partake in outdoor field trips. Students will develop personal and group skills while enriching their understanding of the natural surroundings. In addition to outdoor pursuits, this course is designed to examine human effects on the environment. Students will learn about environmental concerns that face our world today, and as such, each student will have an opportunity to learn about an environmental issue through a hands on project.

This introductory course is suitable for all grade 9 students, regardless of previous experience, who are wishing to learn about the outdoor environment by participating in hands on, project based course.

*Please note: Students are expected to miss about 6-7 days of school in order to participate in the practical portion of the course. Students' attendance is mandatory.*

### **Spanish 9 - Spanish 9 or FSL 9 are Required Options**

Bienvenido a Español! This beginner level elective is designed for students who have no previous knowledge of Spanish. Students develop increased confidence in listening, speaking, reading and writing in Spanish, while exploring the Spanish culture around the world.

### **Global Sport Academy (Male & Female)**

**Partnership with SCHS and Global Sport Academy Group – Application to program is required via the Global Sport Academy website and additional fees apply.**

**(Hockey – \$5512.50, Golf - \$5617.50, Athletics - \$5034.75 all prices include GST)**

The Springbank Sports Academy program powered by Global Sport Academy Group, allows motivated and passionate young student athletes an avenue to pursue their academic and athletic goals in a unique and integrated setting. The program, offering hockey, golf and athletics has a state of the art curriculum delivered, in partnership with SCHS, by industry leaders in athletic, leadership and academic training modules. The program also allows students to earn credits toward graduation in grades ten through twelve. Further information regarding this complementary course offering is available online on our SCHS website at <http://springhs@rockyview.ab.ca> or at <http://globalsportacademygroup.com/> This course will include physical education and complementary course credit.

***This is subject to sufficient enrollment. Wait list will apply if course is full.***

### **Learning Support – Coded Students Only**

Learning Support is a course designed for coded students in grade 9 as well as for students in grades 10-12 that do not wish to obtain credits but wish to develop understandings, literacies, skills and values to be successful learners across all subject areas. This course directly involves student response to his or her needs and courses of study. Student support is engaged and strategies are actively introduced, developed and applied with the goal of students progressively gaining confidence, realizing independence and achieving success in their subject areas.