



Springbank
COMMUNITY HIGH SCHOOL

Rocky View Schools



"Reaching New Heights"

SPRINGBANK HIGH SCHOOL

Grade 9 Course Planner 2017-2018

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



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COMMUNITY HIGH SCHOOL

"REACHING NEW HEIGHTS"

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2017-2018 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 may 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.

Phoenix Challenge

This year, our grade 9's will be participating in an exciting and engaging, week long, immersive learning experience that includes a choice of field trips to one of 5 venues. Celebrating Canada's 150th anniversary and providing excursions to explore our own Canadian back yard, students will be answering the question, "How do we learn from our past to better understand the present and serve the future?" Grounded in the Science and Social Studies curricula, students will choose to travel to Halifax, to Nordegg or one of three field trips around Calgary; these include looking at flight, at culinary arts and our food supply chain or for those with an interest in the medical field investigating infectious disease crisis management and mitigation. More details of these experiences will be forthcoming during the registration process but we would ask all students to select their first, second and third choices for field trip in order to aid in our planning. If you have questions, please feel free to contact the grade 9 grade administrator.

2017-2018 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.

A cappella Choral 9 (\$20.00)

This class will focus on developing vocal skills through learning repertoire. Students will improve their voices by developing their sound production, pitch recognition, diction and music literacy. Repertoire will be within the genre of modern A cappella music. All ranges of skill and experience are welcome to join and learn to sing.

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) (\$20.00)

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, film and graphic design. 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.

Outdoor Education 9 (\$275.00)

Students will have an opportunity to learn about and participate in outdoor pursuits such as mountain biking, hiking, disc golf, cross country skiing, snow shoeing and climbing. All participants will be provided transportation, gear and instruction necessary to enjoy and develop life long interest in the outdoors. Students will develop personal and group skills while enriching their understanding of the natural surroundings. In addition to outdoor pursuits, students will learn about environmental concerns that face our world today. This course is suitable for all students, regardless of experience, who are wishing to learn about nature by participating in hands on, project based learning. If there is enough interest and enrollment the class may be split into an Outdoor Ed 9 – Boys and an Outdoor Ed 9 – Girls.

Spanish 9 (\$20.00)

¡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 - \$4,550 + GST, Golf - \$4,995 + GST, Athletics - \$4,550 + 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.