

## **Grade 4/5 Electives – Term 2**

### **Alice in Wonderland Mrs. Melville and Mr. Bolen**

Actors and Techies, all the grade 4 and 5 students who signed up and auditioned to be a part of the CSS spring musical, Alice in Wonderland, are required to select this elective.

The majority of rehearsals for the show will take place within the elective time. We will explore the characters of this timeless story and bring them to life. We will stage the chorus parts, learn the songs, and choreography. For those that are interested in the tech aspect, you will develop ideas and help design and build the costumes, props and sets.

Please note that you will be required for rehearsals at lunch and after school in early March. The show will be performed the week before March break. You must be available for all rehearsals and performances.

The students who are participating in Alice In Wonderland must sign an attendance contract along with your parents.

We welcome you into the imaginative world of Wonderland where you never know what you will encounter around the next corner.

### **Introduction to Stop-Motion Animation (max 25) Mr. Neufeld**

In this elective you will create short stop-motion animations using materials of your choice (clay, paper, lego figurines etc.). Our first project will have everyone exploring flip-book animation. We will later move on to explore the app iMotion and learn how to tell a story using art and technology. This elective will allow you to be extremely creative as you produce multiple stop-motion animations to be shared with the rest of the class (and beyond!). Please note that this is an introductory class and is not open to students that have previously taken stop-motion animation.

### **Getting Crafty with Nature (Nature Inspired Crafts) (50 max) Mrs. Leland and Ms. Barnes**

Do you love designing and making nature art and natural creations? Here is your chance to craft items and artwork, using materials from and for nature. The tools that Mother Nature provides us with make the possibilities endless... soap carvings, animal masks, ornaments, bird feeders or houses, Christmas decorations, pebble mosaics, and more!

Think and Create on the wild side!

### **Move and Groove: A Dance and Creative Movement Elective (max 25)**

**Mrs. Kelly**

Grade fours and fives will be invited to try a variety of dance styles and explore movement techniques- from Hip-hop and Jazz, to popular line dances, Yoga and Laban movement exercises.

#### **Assignments for the Term:**

1. Edmodo journal entries- At the end of each double elective block, students will be asked to reflect on the focus of that days class- what they learned, what surprised them most, what they liked and disliked and what they are looking forward to next class. In total, there should be 10 entries for term 2.
2. Choreography project- Towards the end of the term, all students in the "Move and Groove" elective will be given the opportunity to share what they have learned and create their very own dance or movement piece. The students themselves will assess their choreography, as will their teacher.

### **Digital Scrapbooking (max 25)**

**Mrs. Fawcett**

In this elective students will explore elements of iPhoto while creating digital scrapbooks to preserve and share their memories. Students will tell the story behind their photos through choice of layout and design, text captions, clip art, editing and enhancing of photos and other special features.

Not available to students who have already taken digital scrapbooking this year.

### **Let's Make Some Great Art (max 25)**

**Ms. Monteith**

*"Some painters transform the sun into a yellow spot, others transform a yellow spot into the sun."* Pablo Picasso

This elective is packed with stimulating projects to spark your creative imagination and be an explorer of the world. You will discover what art can be, how it can be made, what it can mean for you and what it has meant for people through the ages. You will be asked to look at the world in ways that make you think differently and sees inanimate objects alive.

# Grade 6/7 Electives

## **Alice in Wonderland** **Mrs. Armstrong**

This elective is specifically designed for those Grade 6 and 7 students who are participating in the Alice in Wonderland musical. The elective will give participants an overview of the musical, and include prop and set design, construction, costumes and the "behind the scenes" technology involved in a production. It will also give the participants a chance to use school time to rehearse the script and practice the songs.

## **Art of Animation (max 25)** **Mr. Fawcett**

The meteoric advancements in technology have catapulted the art of animation to new heights. You only have to spend a few minutes on YouTube to see that massive amounts of powerful and entertaining animations are being created by people of all ages. This elective will take students on a journey through the world of digital animation. Stop motion photography and iMovie will be combined to create amazing works of animation art. This elective will require students to challenge their creative communication skills, and a considerable amount of time will be spent working on projects at home. Your computer will become an invaluable tool so be sure you always have it fully charged and ready to go.

## **Outdoor Education (max 40)** **Mr. Cadman & Mr. Neil**

The Outdoor Education Elective will be taught as two separate modules, "A" and "B", with "A" being offered semester 1 & 2. Module "A" will focus on introducing students to a variety of seasonally focused outdoor activities and developing their skills as outdoor enthusiasts and future leaders. To maximize the number of students who are able to participate in Outdoor Ed, students will only be allowed to take one of the "A" modules. Students who take the "A" module in either term will have the choice of taking the "B" module in term 3 where the emphasis will be placed on building on previous skills and knowledge and working towards an overnight trip in which the students are responsible for the planning and execution of their trip.

### Semester 2: Winter "A" Module

Cross Country Skiing, Snow Shoeing, and Navigation skills will be explored during the Winter "A" Module. Trip planning, gear selection, gear repair, gear maintenance and safety considerations related to these activities will also be addressed. This module will involve a variety of activities both on and off campus with a number of

half and full day field trips. The only prerequisites are having a positive attitude and showing a willingness to try new and exciting outdoor activities. In this semester students will need appropriate winter clothing.

**Adventure, Travel, and Food (max 25)**  
**Ms. Pereverzoff**

In this elective students will pack their enthusiasm, creativity and passion for travel and embark on an exciting online journey around the world. Students will act as both tourists and tour guides, exploring multiple unique and fascinating locations. Students will have the chance to learn about a variety of cultures while demonstrating their understand using video blogs, online travel magazines, and even food!

If you have a passion for travel and are curious to find out more about the world around you, then get on board!

**'The Art Studio' (max 40)**  
**Ms. Couillard, Mrs. Nelson and Ms. Emin**

Feel like your artistic soul is starving? Need a super-size portion of creativity to get you through the winter? Come join us for some crazy multi-media art making. Projects may include, but are not limited to sculpture, painting, collage, printmaking and textile art.

**Spectrum Graphic Design and Publishing Elective (max 25)**  
**Mr. Dittmann**

Every month, CSS publishes the *Spectrum*; a colorful, magazine-style school newsletter that is read by hundreds of people. In this elective, you plan what goes in the *Spectrum*, design the layout and graphics, take the photographs, interview students and teachers, and write the articles. You get to learn *Adobe InDesign*, the magazine world's top-of-the-line publishing program. You also learn what it takes to work as a team and get a publication out on time.

**Advanced Athletics (max 25)**  
**Mr. Schmeichel**

The Advanced Athletics course will follow the Long Term Athlete Development (LTAD) model at the "Learn to Train" stage. We will look at the training types and intensity of various sports as well as participate in competitive play of those various sports. A wide variety of athletic endeavors will be introduced. The athletic options

throughout the term will vary from traditional team sports to less common individual pursuits.

**Underwater ROVs (max 25)**

**Mr. Lonsberry**

In this elective students will design, build and test an underwater Remotely Operated Vehicle, or ROV. ROVs are used for a variety of reasons, including marine biology research, military applications, underwater archeological exploration and more. Students will use PVC pipe, wires, motors, batteries and other supplies to construct their ROV. If possible we will be testing the ROVs in a pool at the conclusion of the elective.

**Introduction to Foods (max 20)**

**Mr. McKenzie**

Cooking is an essential life skill, and this elective will help build your comfort level in the kitchen. In small groups, we will explore different styles of the culinary arts including basic breakfasts, simple desserts, tasty treats, and mouth-watering main dishes. You'll have a chance to create items based on your own tastes and wants, as well as the opportunity to eat all of your delicious dishes.

# Grade 8/9 Electives

## **Standard First Aid (max 18)**

**Mr. Cheng**

Upon successful completion of the standard first aid course, students will be provided with a certificate of proficiency. Among the skills to be taught are the ABC's of emergency care, how to safely survey a scene, and give students confidence in acting in emergency situations. In addition to life-saving care, the units of wound care, splinting, emergent and environmental care are also included. This hands on approach will give students practical experience in first aid. Please note that the Standard First Aid elective **will not be offered in Term 3. *Not available to students who took this elective in the first semester.***

## **Game Design (max 25)**

**Mr. Kutcher**

Playing games is one of the universal traits of humanity and before games can be played, they must be created. All games are not created equal however and those most skilled at designing games are artists in their own right.

In game design we will first look at what defines a game, what makes a game fun and how to design and playtest a game. Students will then have the opportunity to create an analog [board] game. Afterwards, students will have the option of continuing to design analog games or to work on creating a digital game.

## **Photography & Photoshop (max 25)**

**Mr. Sonico**

In this elective, we will explore a variety of tools available through Photoshop that will unleash your creative potential. We will go beyond airbrushing blemishes and wrinkles and explore the many exciting possibilities available to you. Through an inquiry approach, students will learn the basic to some advanced features of this useful image-editing program. Photography lessons will also be delivered to review important elements of composition, lighting, etc. If you are artistic, creative, and are open to new ways of expressing your photography skills, then this elective might just be for you. ***Not available to students who took this elective in the first semester.***

## **Grade 8/9 Outdoor Education (max 32)**

**Mr. Publack and Mrs. Bailey**

The Outdoor Education Elective is being taught as two separate modules, “A” and “B”, with “A” being offered semester 1 & 2. Module 'A' is a pre-requisite for a third semester Advanced Outdoor Expedition elective. Grade 9s interested in being a part of the Fort Steele outdoor leadership program will need to have participated in a Outdoor Education “A” Module elective.

### **Semester 2: Winter “A” Module**

The development of outstanding leadership and teamwork is a priority for this course along with a focus on minimal impact travel and living in a natural environment. Specific activities will include team-building, trip planning and gear selection, fire building and outdoor cooking, shelter building, cross-country skiing and back-packing. Students will be required to consistently demonstrate the acquisition and consolidation of basic skills and attitudes that will enable their safe participation in a culminating back-country overnight expedition. Participation in all aspects of this program is an expectation for those who sign-up. Interested students should be prepared to commit to a physically and mentally demanding but rewarding learning experience. ***Not available to students who took this elective in the first semester.***

### **Weird Science (max 25)**

**Mr. Tam**

This elective will give students the opportunity to investigate many different fields of science. While we will be experimenting with biology (ex. dissections), and chemistry (ex. cool reactions), we will also look into the social sciences such as social and behavioural psychology (ex. why people behave in certain ways). There will also be competitions that test your engineering skills and abilities. This elective will be a mixture of hands on activities and study into the theory behind the ‘weirdness.’

### **Me to We (max 25)**

**Mrs. Shirgill**

Me to We is an opportunity for you to “walk the talk!” Working with organizations such as Free the Children, the Calgary Food Bank, CAWST, the Calgary Drop In Centre and others, you will have an opportunity to change the world and make a difference by designing awareness campaigns, fundraising, and studying the world of service. You will experience the reality that small actions are essential to our world, and thinking globally and acting locally is truly the way to live! Every semester in Me to We is different, this term students will take an active role in planning activities around Peace Festival.

### **Alice in Wonderland**

**Mrs. Vercleyen , Ms. Groeller & Ms. Waite**

## **Actors & Techies & Everyone Else!**

All grade 8 and 9 students who have signed up and auditioned to be a part of the CSS spring musical, Alice in Wonderland, are required to select this elective. That being said, what happens on the stage is only one part of a production.

The majority of rehearsals for the show will take place within the elective time. Together we can explore our characters, create choreography, learn and regularly rehearse the songs and blocking. **This elective is for all students interested in being involved in the entire creation process of Alice in Wonderland.**

Getting “dramatically made up” through makeup and costume design will be one opportunity for students in this elective. Special effects and tech support will also be explored, as will set design and construction. We are also seeking videographers and marketers to promote the show, photographers to chronicle the entire process, and stage managers to keep everyone where they need to be!

Please note that all actors, and some “support staff” will be required for rehearsals at lunch and after school in early March. **The show will be performed the week before March break, on March 18 and 19, 2014. You must be available for all rehearsals and performances. All actors and their parents must sign a commitment contract to participate in this elective, some “support staff” will also have to sign a contract, depending on the role they take on!**

We are ready and excited to explore the imaginative, crazy world of Wonderland...

## **CO2 Powered Cars (max 20) Mr. Petronech**

This elective is based on the knowledge and skills necessary to design and build a CO2 powered vehicle. Students will develop an original template and construct a wooden car using hand tools, a drill press and band saws. Their designs will be finished with disk, belt and spindle sanders. At the end of the term, students will have the opportunity to race their designs in a head to head completion.