



# Crystal Park School

## Grade 7/8 Options Offerings 2023/24

### **Art → \$20 fee**

Art can be a combination of painting, drawing, illustration, and sculpture. Art is designed to give students an opportunity to develop their basic skills and understanding in the elements and principles of art. Students tap into their creativity while learning basic skills necessary to express themselves in various mediums.

### **Athletic Performance**

Do you ever wonder what it takes to be fit for life? This class will explore healthy fitness behaviours and nutrition choices. We plan to look at what it out there to keep you fit for life. This is a performance-based course. Students are expected to participate in all activities.

### **Building Construction → \$20 fee**

Students develop basic hand tool and production skills in an industrial art setting to transform common building materials safely into useful products. Students can develop practical skills in an industrial art setting. Students can design and build structures and explore career pathways in building construction.

### **Computers and Digital Design → \$20 fee**

Students will participate in various technological activities such as animation, video game design, coding, photo, and video editing, blogging, and podcasting, web-design and other software programs that are essential for our ever-changing society. Students will also learn the importance of digital literacy and how to navigate our technological world safely. The skills students develop are transferable to their core subjects as well as prepare them for careers in the future.

### **Culinary Arts (foods class) → \$ 20 fee**

The goal of this course is to enable students to create meals that nourish themselves and their families with safe and sanitary practices in the kitchen. Starting with recipes that highlight basic kitchen skills, we will slowly increase difficulty until students are able to make complete meals that satisfy all the food groups. Students will learn and practice safe methods of food storage and handling, budgeting and meal preparation and adapting recipes. We also explore various careers in the culinary arts.

### **Destination Imagination**

Are you the type of person that likes to think outside the box? Someone who likes to challenge themselves in different and unique ways? Destination Imagination is a class that provides fun, hands-on activities that encourage design and creativity, where the only limit is your imagination!

### **Dig It (horticulture/environmental stewardship)**

Try your hand at growing plants indoors and outdoors. Explore our natural world. Examine the management and conservation of the environment and propose actions that foster the sustainable development and use of resources. Examine the human relationship to the natural environment and consider the impact of various human pursuits on species and ecosystems.

### **Film Fanatics**

Have you ever wanted to learn about the magic of moviemaking? Students focus on learning about film techniques such as camera work, lighting, costume, make-up, set design, sound, and special effects. Analysis of several different films will be completed. Students can then practice what they have learned as they take on jobs related to filmmaking and make their own films.

### **French 7/8**

French is an option that will be ran all year round twice a week. It allows students to practice communication skills both inside and outside the classroom. The activities in class will help students to develop their ability to understand, read, listen, and speak French. Continue with your love of another language. Explore ways French will be useful to you as you consider your future careers and education. Dive into Canadas' second official language.

### **Genius Hour**

Do you have a passion that you would like to explore further? Do you ever think "I wish we could learn about (insert your answer) in school!" In this course students are challenged to explore and research something of interest to them. Individual student curiosity, interests and background knowledge will guide learning. The sky is the limit in this course, all students are challenged to create, explore, learn, build, invent, modify, write, or follow any passion that they have in life.

### **Maker Space → \$20 fee**

A makerspace is a collaborative workspace for making, learning, exploring, and sharing that uses high tech to no tech tools. A makerspace is a destination where students-sometimes alongside staff, and mentors-can create, problem solve, and develop skills, talents, thinking, and mental rigor. Do you like to tinker, create, invent, and learn about how things work? What is your wonder?

### **Myth Busters → \$20 fee**

If you are a Science and Math enthusiast who loves to experiment and wants to challenge yourself, MythBusters is for you! Through a hands-on approach to learning, you will work on various experiments using different scientific principles to prove or bust common myths, just like in the show MythBusters. Have you ever wondered why pirates wore eye patches? Or if you really must wait an hour before swimming? Who really has the dirtiest bathroom? Explore your curiosities, create, and test an experiment for any wonder you have! In short, if you are looking for a fun and challenging way to explore math and science beyond the regular classroom, this course is a perfect fit for you!

### **Robotics → \$20 fee**

Using Lego Mindstorm kits, students will work through the various stages of building and programming their robots. Robotics is a combination of coding skills and building skills.

### **Space Exploration and Design**

Examine Canadian Space Agency's (CSA) role in space exploration and collaborative practices in scientific knowledge and technologies with foreign space agencies. (Canadarm). Canada's space exploration program involves the development and implementation of technologies that can be used to explore destinations such as planets and asteroids. Students will plan, design, and construct a model for a rover that will explore a celestial body. They will use 3-D modeling software such as Google Sketchup and research terrain, atmosphere, and topography and that could affect their design. Students will also dive into the world of Astronomy and the night sky.

### **Theatre Arts I – Technical Academy → \$20 fee**

Discover the secrets behind the magic of theatre and bring your creative vision to life! This course explores the technical aspects of theatrical production, including the art of lighting, sound, and special FX. You will gain hands-on experience as you learn to design lighting, create your own Special FX, and master sound design for the stage. By the end of the course, you will have the skills and knowledge to create an unforgettable experience for your audience. Don't miss out on the opportunity to become a master of the technical elements of theatre production!

### **Theatre Arts II – Production Camp → \$20 fee**

In this course, you will explore the exciting world of production design and learn how to bring characters to life through set design, costuming, make-up, props, and mask/puppetry production. Through hands-on activities and projects, you will gain the skills and knowledge to design and build a scale model of a set, create costumes that accurately reflect the characters requirements and reality, and develop working models of various props for a stage production. You will also learn how to create wounds, bruises, scars, and age make-up that will enhance the costumes and characters image in a play. If you are curious about the art of production design and want to bring characters and stories to life, join this class, and make the magic happen!

### **Visual Arts and Media Studies → \$ 20 fee**

In this course you will have the opportunity to develop their artistic skills in a variety of media applications. Students will explore and combine traditional foundations of art theory and practice with a variety of technology and media formats to create a digital portfolio of their best work. In this course you will explore topics such as photography, animation, film making and digital design.

### **Wolverines Den → \$20 fee**

Students will explore the basics of developing a business from the ground up. These young entrepreneurs will create a prototype and be responsible for coming up with a business plan that features a mission statement, logo, slogan, financial projections, etc. Each student will then present his or her business idea in a "Wolverine Den" forum (Similar to Dragon's Den). The products that get a "Den Deal" will then be developed and taken to the "market" (limited to CPS students, staff, and parents). Once the products have gone to market, students will need to manage cash flow and make decisions on advertising, payroll, inventory, etc. All profits will be given to a charity of choice.

Please sign up for your courses on the Google Form. Course selections **MUST** be completed by June 2, 2023. You can access the form by using the QR code below, or the following web address: <https://forms.gle/36AYaDYiQbcaU4tXA>

