

Gifted/Challenge Program Descriptions Summer 2020

(Please note: Select courses that have your child's current grade for the 2019/2020 school year, please do NOT select courses for any other grade level.)

Funded Courses

Young Explorations

This course is designed for students who completed Kindergarten in the 2019-2020 school year. Take a tour with us through the wonderful world of learning as we preview the grade one curriculum and strengthen our literacy and numeracy skills. Working with fiction and non-fiction literature, we will further develop our communication, creative thinking, critical thinking and fine motor skills.

VH13005	(Kindergarten)	9:00-11:40	No Fee
VH14005	(Kindergarten)	12:20-3:00	No Fee

Wacky World of Science

Gear up for an exciting, fun-filled and hands-on experience that will serve to expand your scientific minds. We will explore and 'test our hypotheses' on a number of explosive science experiments designed to stimulate and satisfy your scientific curiosity. The 'scientific method' will be introduced to the participants.

VH13015	(Kindergarten – Grade 1)	9:00-11:40	No Fee
VH14015	(Kindergarten – Grade 1)	12:20-3:00	No Fee

Young Mathematicians

The world of mathematics is a rewarding and engaging experience! Through tactile activities students will develop their critical thinking skills and expand their understanding of mathematical concepts. We will explore numeracy, measurement, geometry, time, multiplication and division in an exciting and stimulating way. Come and learn in the exciting world of numbers!

VH13025	(Grades 1-2)	9:00-11:40	No Fee
VH14025	(Grades 1-2)	12:20-3:00	No Fee

Wonders of Science Outdoors

This course is perfect for those who are keen to expand their scientific curiosities and are also keen on taking their learning outside! In Wonders of Science Outdoors, we will hypothesize, execute and observe several hands on, messy and exciting science experiments in the company of mother nature. Jam-packed with physical activity, creativity and critical thinking.

VH13035	(Grades 2-3)	9:00-11:40	No Fee
VH14035	(Grades 2-3)	12:20-3:00	No Fee

Gifted Math Builders

Is your child a gifted learner interested in using math skills to construct and build? In this exciting course, students will look at different kinds of buildings created by humans, animals, and nature to see how math works to keep them together. Learners will develop their building skills using mathematic principles and construct structures of their own creation.

VH13045	(Grades 2-3)	9:00-11:40	No Fee
VH14045	(Grades 2-3)	12:20-3:00	No Fee

Enriched Mathematics

Want to look deeper into some of the concepts and challenges you will encounter in Grade 4 Mathematics and beyond? If yes, then this course is for you! This course will engage student learning by connecting mathematical ideas and concepts to everyday experiences and to other disciplines. Using a variety of math manipulatives, students will develop strategies to build their confidence in mental math and estimation, problem solving, and reasoning. Topics may include but are not limited to: arithmetic, data analysis, geometry, measurement, time and many more!

VH13055	(Grades 3)	9:00-11:40	No Fee
VH14055	(Grades 3)	12:20-3:00	No Fee

Logic Lovers: Critical Thinking for Kids

The exciting world of critical thinking will be introduced and explored through a variety of fun and challenging logic games and puzzles. Students will enjoy the chance to voice their opinions using mini-debates to stimulate their growing arguments. In this fun and engaging course, students will learn the basics of communicating in a logical way.

VH13065	(Grades 3)	9:00-11:40	No Fee
----------------	-------------------	-------------------	---------------

Gifted Creative Writing

Now is your chance to turn your ideas and inspirations into creative stories! Gifted learners will participate in writing exercises aimed at developing new skills, such as character development and story elements. During the first two weeks, students will also analyze literature and use it as inspiration. The final week will focus on refining and publishing favourite writing pieces.

VH13075	(Grades 4-6)	9:00-11:40	No Fee
VH14075	(Grades 4-6)	12:20-3:00	No Fee

Projects that Pop!

Gifted learners will receive instruction in how to take their project work in Social Studies to the next level. They will develop effective critical and creative thinking skills that will improve their project work while learning about intriguing past and present cultures. This class is derived from the VSB's Multi-Age-Cluster-Class (MAAC) program for highly-gifted elementary students and is a sample of the type of instruction that students participating in that program receive.

VH13085	(Grades 4-6)	9:00-11:40	No Fee
VH14085	(Grades 4-6)	12:20-3:00	No Fee

Music Composition and Technology for Gifted Learners

Dive into the world of music composition through exploration of web and app-based software for creating musical works in various genres and for multiple musical ensembles. A term-end project will focus on a music composition where guest musicians will perform the students' work. A working email address is required.

VH13095	(Grades 5-7)	9:00-11:40	No Fee
VH14095	(Grades 5-7)	12:20-3:00	No Fee

Math Mysteries and Logic

Students will be given the opportunity to strengthen their problem-solving powers as they explore intriguing mathematical mysteries, numerical puzzles, brainteasers, logical deduction challenges, board games, and geometric puzzles. Through games, hands-on activities, group challenges and puzzles, students will explore new realms of mathematics and strengthen their logical thinking.

VH13105	(Grades 6-7)	9:00-11:40	No Fee
VH14105	(Grades 6-7)	12:20-3:00	No Fee

Choose Your Own Adventure - Journeys in Creative Writing

Students will explore a variety of writing styles and genres, examining what elements come together to create ridiculously great writing. Gifted learners will develop their vocabulary, practice writing in different styles and for varying audiences, and work with peers to improve their writing. Over the course of the program, students will create a range of independent pieces of writing, culminating in a focused project on their chosen style.

VH13115	(Grades 6-7)	9:00-11:40	No Fee
VH14115	(Grades 6-7)	12:20-3:00	No Fee

Fee-Paying Courses

Destination Imagination

Young gifted learners will explore various STEM (Science, Technology, Engineering and Math) challenges and develop their creativity and problem-solving skills while engaging with science, literacy, technology and math. Hands on learning and fun every day!

VH23005	(Kindergarten)	9:00-11:40	\$330
VH24005	(Kindergarten)	12:20-3:00	\$330

Cooking and Crafts

Young chefs of all abilities will develop and expand their culinary knowledge as they learn the basics of food preparation, baking techniques, and healthy eating. In this fun and engaging cooking class, students will learn how to create and enjoy great food from around the world. Gifted chefs will also create crafts and art while learning about different cultures.

VH23015	(Kindergarten – Grade 1)	9:00-11:40	\$330
VH24015	(Kindergarten – Grade 1)	12:20-3:00	\$330

Let's Get Creative!

This creative writing course allows primary students to explore the functions and values of writing; to stimulate their imagination and creativity; and to encourage artistic expression. Students will also be exposed to a variety of literature genres such as fairytales, drama and poetry.

VH23025	(Grades 1-2)	9:00-11:40	\$330
VH24025	(Grades 1-2)	12:20-3:00	\$330

Sports Math!

Most sports are filled with numbers and statistics. Through sports activities, students will review and practice basic operations, data collection, decimals, fractions, percentages and even probabilities. Math can be active and fun in a physical and safe learning environment.

VH23035	(Grades 2-3)	9:00-11:40	\$330
VH24035	(Grades 2-3)	12:20-3:00	\$330

Express Yourself Through Art

Are you creative and enjoy creating visual art? This course is all about developing your creativity and exploring your artistic expression. Students will discover design by using a range of processes, media, techniques and styles. Working collaboratively and individually, students will explore personal identity, place, culture and society through creative expressions. Projects and artistic works include water colour, drawing, paint, collage, oil/chalk pastels, portraits, abstract representation, print making, and more.

VH23045	(Grades 1-3)	9:00-11:40	\$330
VH24045	(Grades 1-3)	12:20-3:00	\$330

Energy Explorers!

If you are interested in designing energy robots, making paper roller coasters and participating in fun STEM challenges, this course is for you! We will be learning about different forms of energy and focusing on creating, questioning, building, exploring and designing. With many exciting projects and hands-on activities, you are guaranteed to have a lot of fun!

VH23055	(Grades 4-5)	9:00-11:40	\$330
VH24055	(Grades 4-5)	12:20-3:00	\$330

Gifted Drama Time!

This dynamic drama course for beginners will develop students' acting skills by first building a sense of community through confidence building exercises and games. Gifted learners will explore and experiment with expression, tableau, improv, wordplay, voice, and movement both collaboratively and independently. During the final week, students will decide what they would like to showcase for parents' viewing based on their skill level and interest. Whether it be a small group play, an independent monologue or large cast production, students will enjoy showing off their new dramatic techniques.

VH23075	(Grades 4-6)	9:00-11:40	\$330
VH24075	(Grades 4-6)	12:20-3:00	\$330

Weaving for Gifted Learners

Learn to weave creating personal designs and images on various types of looms. Play with different fibres and yarn to develop your design skills. Make woven tapestries, wristbands, mosaics and other accessories. No experience necessary, from beginners to novices, the program will be tailored to meet the needs of all learners.

VH23085	(Grades 4-7)	9:00-11:40	\$330
VH24085	(Grades 4-7)	12:20-3:00	\$330

The Science of Flight and Rocketry

Why do objects stay aloft in the sky? Whether they are living or non-living objects, the principles of flight remain the same. Explore and discover the history and origins of flight. Understand the physics of flight by designing and constructing kites, parachutes, gliders, self-propelled airplanes, bottle rockets and solid-fuel rockets. This course is a blast!

VH23095	(Grades 5-7)	9:00-11:40	\$330
VH24095	(Grades 5-7)	12:20-3:00	\$330

Lego Education Robotics

Participants will explore simple and complex mechanical and motorized machines through Lego Education kits. Students will work in small teams to tackle increasingly challenging guided building projects and engineer their own robotic creations. Additional kits will introduce students to the use of solar and wind power to energize their machines.

VH23105	(Grades 4-7)	9:00-11:40	\$330
VH24105	(Grades 4-7)	12:20-3:00	\$330

History in the Making

Passionate about history? Gifted learners will explore how citizenship - local, national and global - has evolved throughout history from societal change and regional conflicts. In parallel, students will create a passion project about a historical topic, developing research skills, following their interests, and curating a mini-museum exhibit to showcase their learning.

VH23115	(Grades 6-7)	9:00-11:40	\$330
VH24115	(Grades 6-7)	12:20-3:00	\$330

Thought Detectives

In this dynamic course, students will expand and develop their critical thinking skills using a variety of language-based logic challenges. They will analyze arguments posed by classmates and in the media, create a debate, identify fallacies, and design counter-arguments in order to expand and refine their own thinking.

VH24065	(Grades 4-5)	12:20-3:00	\$330
----------------	---------------------	-------------------	--------------