



Online Camp Descriptions

Cartoon Computer Animation Camp (8-11)

This camp will be online via video conference where a Kids' Great Minds instructor will provide the live lessons. Dive into STEAM with animation technology. This camp will enhance your child's creativity and bring their inspiring stories to life incorporating the 12 principles of animation. In this camp, children will animate their own characters, create animated shorts and a final cartoon movie while developing logical thinking skills. Required: a computer (Mac or PC), microphone and speakers for video. Note: an Apple® Ipad or Android Tablet is required for this camp. An email will be sent with a link to join as well as software instructions.

Date	Time	Price (Resident)	Price (Non-Resident)	Code
July 20 – July 24	9am-12pm	\$112.50	\$123.75	10911
July 27 – July 31	1pm – 4pm	\$112.50	\$123.75	10912
Aug 4 – Aug 7	9am – 4pm	\$188.00	\$206.91	10913
Aug 31 – Sept 4	9am – 12pm	\$112.50	\$123.75	10914

Games and Animations Programming Camp (8-11)

This camp will be online via video conference where a Kids' Great Minds instructor will provide the live lessons. This camp introduces kids to the amazing world of computer programming. Using Scratch (from MIT), a fun and easy to use multimedia software, kids will have great adventures creating games and animations. Campers will be solving problems, designing games & animations and communicating ideas using stackable blocks of code. Required: a computer (Mac or PC), microphone and speakers. An email will be sent with a link to join as well as software instructions.

Date	Time	Price (Resident)	Price (Non-Resident)	Code
June 29 – July 3	1pm – 4pm	\$94.50	\$103.95	10915
July 6 – July 10	9am – 4pm	\$229.50	\$252.45	10916
July 13 – July 17	1pm – 4pm	\$112.50	\$123.75	10917
Aug 4 – Aug 7	9am – 12pm	\$94.50	\$103.95	10918
Aug 10 – Aug 14	9am – 4pm	\$229.50	\$252.45	10919
Aug 17 – Aug 21	9am – 12pm	\$112.50	\$123.75	10920
Aug 24 – Aug 28	9am – 12pm	\$112.50	\$123.75	10921

Virtual Reality Character Design Camp (8-11)

This camp will be online via video conference where a Kids' Great Minds instructor will provide the live lessons. This camp is for every child interested in 3D Character Design and Virtual Reality (VR)! Campers will learn how to create industry level, high resolution and textured 3D characters from their favourite movies and videogames. These characters will later be added to their own personalized environments that can be used in animations, video games and seen with VR devices. Required: a computer (Mac or PC), microphone and speakers. An email will be sent with a link to join as well as software instructions.

Date	Time	Price (Resident)	Price (Non-Resident)	Code
July 13 – July 17	9am – 12pm	\$112.50	\$123.75	10922
Aug 4 – Aug 7	1pm – 4pm	\$94.50	\$103.95	10923
Aug 17 – Aug 21	9am – 4pm	\$229.50	\$252.45	10924

Video Game Creation Camp for PC (8-11)

This camp will be online via video conference where a Kids' Great Minds instructor will provide the live lessons. Campers will use a PC to learn a visual programming language from Microsoft®. Using an entirely icon-based interface, campers will learn advanced game design concepts (such as If statements, conditions, variables, sequencing and more) in a simple, direct, and intuitive manner. This intelligent screen time is an excellent opportunity to introduce children to computer programming. Required: a PC computer, microphone and speakers. An email will be sent with a link to join as well as software instructions. Note: this program is **not** compatible with Mac® computers.

Date	Time	Price (Resident)	Price (Non-Resident)	Code
July 6 – July 10	1pm – 4pm	\$112.50	\$123.75	10925
July 27 – July 31	9am – 4pm	\$229.50	\$252.45	10926
Aug 24 – Aug 28	9am – 12pm	\$112.50	\$123.75	10927
Aug 31 – Sept 4	1pm – 4pm	\$112.50	\$123.75	10928



3D Modelling and Printing Camp (8-11)

This camp will be online via video conference where a Kids' Great Minds instructor will provide the live lessons. Children will learn how to design and model 3D objects from animals, to their favourite movies and video games. They will work towards moving pieces and anything else they can imagine! A 3D printer will be shown online for the students to see and learn how it works. Note: 3D models will be printed and distributed at an additional cost. Required: a computer (Mac or PC), microphone and speakers. An email will be sent with a link to join as well as software instructions.

Date	Time	Price (Resident)	Price (Non-Resident)	Code
June 29 – July 3	1pm – 4pm	\$94.50	\$103.95	10929
July 13 – July 17	9am – 4pm	\$229.50	\$252.45	10930
July 20 – July 24	1pm – 4pm	\$112.50	\$123.75	10931
Aug 10 – Aug 14	9am – 12pm	\$112.50	\$123.75	10932
Aug 17 – Aug 21	1pm – 4pm	\$112.50	\$123.75	10933
Aug 24 – Aug 28	9am – 4pm	\$229.50	\$252.45	10934

Ipad© Video Game Creation Camp (9-13)

This camp will be online via video conference where a Kids' Great Minds instructor will provide the live lessons. Children will create many games on their Ipad by using; single & multiplayer options, A.I.'s, enemies and platformers. Campers will learn the basics of creating games by using coding concepts such as If statements, conditions, variables, sequencing etc. Impress your family and friends by sharing your unique games with them. Note: an Apple© Ipad is required for this camp. An email will be sent with a link to join as well as software instructions.

Date	Time	Price (Resident)	Price (Non-Resident)	Code
July 6 – July 10	9am – 12pm	\$112.50	\$123.75	10935
July 20 – July 24	9am – 4pm	\$229.50	\$252.45	10936
July 27 – July 31	9am – 12pm	\$112.50	\$123.75	10937
Aug 10 – Aug 14	1pm – 4pm	\$112.50	\$123.75	10938
Aug 31 – Sept 4	9am – 4pm	\$229.50	\$252.45	10939

Code with Ruby: Intro to Syntax Programming (12-15)

This camp will be online via video conference where a Kids' Great Minds instructor will provide the live lessons. Through programming their versions of Agar.io, Snake, Asteroids and more, participants will build foundational knowledge for written programming languages. Ruby has very easy syntax (text based), reads as English and is a good introduction for new programmers or those who want to transition from drag and drop coding. Required: a computer (Mac or PC), microphone and speakers. An email will be sent with a link to join as well as software instructions.

Date	Time	Price (Resident)	Price (Non-Resident)	Code
July 20 – July 31	1pm – 4pm	\$238.50	\$262.35	10940

Python Programming Camp (12-15)

This camp will be online via conference where a Kids' Great Minds instructor will provide the live lessons. Campers will gain the necessary knowledge to work with programming and logical statements to create their own software. By the end of the camp, all campers will have gained the necessary skills to understand loops, variables, input/out, conditional statements and the basics of Python's programming language. Required: a computer (Mac or PC), microphone and speakers. An email will be sent with a link to join as well as software instructions.

Date	Time	Price (Resident)	Price (Non-Resident)	Code
July 6 – July 17	1pm – 4pm	\$238.50	\$262.35	10941

Registration for the below programs done through the Township of King.
Please visit townshipofking.perfectmind.com to register



Mobile App Development Camp (12-15)

This camp will be online via video conference where a Kids' Great Minds instructor will provide the live lessons. Participants will learn to design, program and test their own Apps for both Android and iOS devices. First they will be the Designer: creating the app UI (user interface). Then the Coder: programming unique, amazing, and powerful apps that can be tested in real time on your mobile device. Required: a computer (Mac or PC), microphone and speakers. An email will be sent with a link to join as well as software instructions.

Date	Time	Price (Resident)	Price (Non-Resident)	Code
Aug 4 – Aug 14	1pm – 4pm	\$219.18	\$241.10	10942

Java Programming Camp (12-15)

This camp will be online via video conference where a Kids' Great Minds instructor will provide the live lessons. Students will gain the necessary knowledge to work with programming and logical statements to create their own software. By the end of the camp, all students will have gained the necessary skills to understand Java's concepts, loops and conditional statements. Required: a computer (Mac or PC), microphone and speakers. A link will be provided to download as well as software instructions.

Date	Time	Price (Resident)	Price (Non-Resident)	Code
Aug 17 – Aug 28	1pm – 4pm	\$238.50	\$262.35	10943

All camps listed within this publication are programed and developed at the sole direction of the service provider. The Township of King is not responsible for the delivery or content of these virtual programming options

Daily Camp Schedule

Times	Full day Schedule Breakdown
9:00-9:15am	Virtual Morning Circle – wait for all to arrive, chat, get to know each other etc.
9:15-10:30am	Lesson time
10:30-11:00am	Break; snack, bathroom, stretch etc.
11:00-12:30pm	Lesson time
12:30-1:30pm	Lunch time with Family
1:30-2:45pm	Lesson time
2:45-3:15pm	Break; snack, bathroom, stretch etc.
3:15-3:45pm	Lesson time
3:45-4:00pm	Closing Circle – what did we learn, say goodbye, chat.
	NOTE – during lesson time our instructors include a stretch or exercise, add jokes and humour, include trivia etc. to keep children engaged and focused.

Times	Half day Schedule Breakdown
9:00-9:10am	Virtual Morning Circle – wait for all to arrive, chat, get to know each other etc.
9:10-10:30am	Lesson time
10:30-10:50	Break; snack, bathroom, stretch etc.
10:50-11:55	Lesson time
11:55-12:00pm	Closing Circle – what did we learn, say goodbye, chat.
	NOTE – during lesson time our instructors include a stretch or exercise, add jokes and humour, include trivia etc. to keep children engaged and focused.

Times	Half day Schedule Breakdown
1:00-1:10pm	Virtual Opening Circle – wait for all to arrive, chat, get to know each other etc.
1:10-2:30pm	Lesson time
2:30-2:50pm	Break; snack, bathroom, stretch etc.
2:50-3:55pm	Lesson time
3:55-4:00pm	Closing Circle – what did we learn, say goodbye, chat.
	NOTE – during lesson time our instructors include a stretch or exercise, add jokes and humour, include trivia etc. to keep children engaged and focused.