



Cambridge International Academy

Summer Camp Weekly Schedule (13-17 Years Old)

| Monday to Friday | Block 1: July 4-8, July 11-15 | Block 2: July 18-22, July 25-29 | Block 3: Aug 2-5, Aug 8-12 |
|---|---|--|--|
| 12:30PM--3:30PM | <p>Coderz learning coding with a progressive degree of challenge; ideal for beginners</p> <p>3D Printing come create your own digital files and bring them to life with our state-of-the art 3D printer</p> | <p>Pygame experienced coders with object-oriented programming experience will build on their skills</p> | <p>Music Learning the instrumental part of greatest songs like Hotel California or Viva La Vida and how to improvise creating your own music lines.</p> |
| 3:30PM--4:30PM After Camp Activities | <p>Local Park Outdoor swimming Basketball Board Games Chess Music</p> | <p>Local Park Outdoor swimming Basketball Board Games Chess Music</p> | <p>Local Park Basketball Board Games Chess Music</p> |



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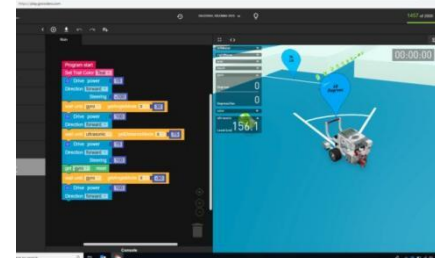
Course Introduction

Coderz

Skill Level: Beginner-Intermediate

About This Course

Coderz is a block-code programming environment that allows students to complete mission and move to higher levels. As students move along on their missions, their programming knowledge expands as they start to encounter new challenges until they eventually get to text-base programming using python.



3D Printing

Skill Level: Beginner-Intermediate

About This Course

3-D printing uses modern technology to bring digital arts and documents to life. This course will allows student improve their creativity on digital arts and realize their imagination. At a more advance level, we will be able to connect codes to our printer to code and print ideas and projects.

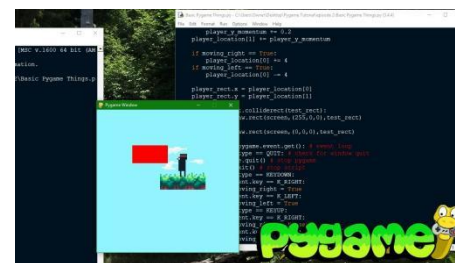


Pygame

Skill Level: Beginner-Intermediate

About This Course

Python is fastest growing programming language. It has a wide variety of applications for learners to apply their computational thinking skills to. One such application is to create a simple game – it provides problems accessible for all skill levels, is quick to adapt, and can be run on any computer. With this course, your child will experience and overcome real-life development challenges.



Music

Students will learn the components and song structures from intro, verses, pre-chorus, chorus, solos, bridge and coda.

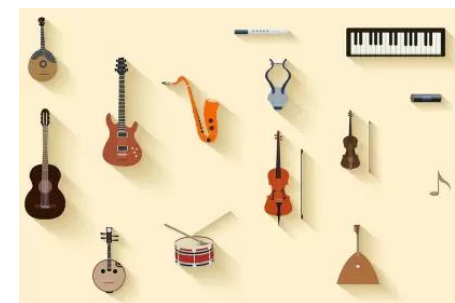
Camper's goal is to play music with others as a band or part of a musical ensemble.

Tutorials and Inspiring music concerts to watch and share the experience in a music debate.

Live music experience with mini workshops and presentations from teachers and local musicians.

Bonuses

Hola - Spanish words and phrases for my next vacation in a Latin Country!





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Teacher Introduction:

Leader of Summer Program--Sandra Arff

- Over 20 years principal and English Teacher
- Favourite magic teacher called by students
- Master in Education
- Designer of the English program for all levels



Leader of Summer Program--Yasmin Sinanan

- Masters Degree
- Over 20 years teaching experience
- Ontario Certified Teacher
- Head of Academics including AP program



Pygame Teacher--Edwin Lee

- Masters of Education in Computer Science from University of Toronto
- Ontario Certified Teacher
- AP Computer Science A Certification
- Junior Education Certification
- Experienced Computer Science teacher
- Favourite teacher among students





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Coderz& 3D Printing Teacher--Olufemi Saliu

- Bachelor Degree in Computer Science from Trent University
- Over 8 years teaching experience, in Math and Coding
- Leader of computer science competition club
- Favourite teacher among students



Music Teacher--Vlad Morffis

- Music Education certified with The Royal Conservatory of Canada
- Experienced in Music writing & Composition
- Well-known musician in Durham region
- Over 20 years of experience in music recital concerts
- Fluent in English and Spanish
- Strings Instruments Specialist

