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2021

ONLINE SUMMER SCIENCE DISCOVERY PROGRAM

June 1 - July 30
10:00 am - 3:30pm

Kindergarten-8th Grade

Each Class: 1-1.5hrs/5 days a week



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2021 Summer Program | June 1 - July 30 | 10:00am-3:30pm | Kinder-8th Grade

Summer Information
diana@youthsciencecenter.org
(626) 588-7818

Registration Information
Elaine@youthsciencecenter.org

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**1.5 hrs a day
5 days a week**

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\$75

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3RD-8TH GRADE

Blender 3D Character Creator

4th-8th grade



LEARN HOW TO MAKE YOUR FAVORITE CHARACTER INTO A 3D MODEL



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YSC 2021 Summer Schedule

WEEK 1 (6/1-6/4) 4-day classes only. No class on 5/31

Class #	Class Name	Grade	Class Time	Class Description	Tuition
#OL-100	Codemoji: Playground	Kinder-1st	10-11am	Learn the basics of web development and coding, such as HTML, in a fun and easy way, allowing kids to create a basic playground site.	\$40
#OL-101	Anatomy and Me	2nd - 3rd	10-11am	Learn about your inner self, from your circulatory system to your respiratory system and everything in between. Students will explore what's under their skin. They will start by making a "cell-fie" and go from there. From the basic human cell through how the entire body machine works together, students will dance, jump, balance, and a zillion other wacky activities to understand their bodies.	\$40
#OL-102	Minecraft Archeology: Egypt Part 1	3rd - 5th	10-11:30am	In this fun and interactive world, students will need to use their critical thinking and collaboration skills to learn about Egypt, its ruins, and embalming techniques. Students will get a chance to create many types of Egyptian ruins, monoliths, and even create their own mummy.	\$60
#OL-103	Roblox Lua Coding	6th-8th	10-11:30am	Want to build your own software and video games? Curious about entering the world of computer science? Learn Lua - one of the most popular languages for video game programmers using the hit platform Roblox! In this course, learn basic Lua programming skills - ultimately culminating in the design and implementation of your very own Roblox "Obby" Obstacle course game! Students will use Roblox Virtual Studio graphical and Lua-scripting capabilities to learn the basics of building a graphical interface and writing simple code. Watch your creations come to life! No experience necessary!	\$60
#OL-104	Anatomy and Me	Kinder-1st	12-1pm	Learn about your inner self, from your circulatory system to your respiratory system and everything in between. Students will explore what's under their skin. They will start by making a "cell-fie" and go from there. From the basic human cell through how the entire body machine works together, students will dance, jump, balance, and a zillion other wacky activities to understand their bodies.	\$40
#OL-105	Codemoji: Playground	2nd - 3rd	12-1pm	Learn the basics of web development and coding, such as HTML, in a fun and easy way, allowing kids to create a basic playground site.	\$40
#OL-106	Roblox Lua Coding	3rd-5th	12-1:30pm	Want to build your own software and video games? Curious about entering the world of computer science? Learn Lua - one of the most popular languages for video game programmers using the hit platform Roblox! In this course, learn basic Lua programming skills - ultimately culminating in the design and implementation of your very own Roblox "Obby" Obstacle course game! Students will use Roblox Virtual Studio graphical and Lua-scripting capabilities to learn the basics of building a graphical interface and writing simple code. Watch your creations come to life! No experience necessary!	\$60
#OL-107	Minecraft Archeology: Egypt Part 1	6th-8th	12-1:30pm	In this fun and interactive world, students will need to use their critical thinking and collaboration skills to learn about Egypt, its ruins, and embalming techniques. Students will get a chance to create many types of Egyptian ruins, monoliths, and even create their own mummy.	\$60
#OL-108	Pete the Cat Book and Debate Club	Kinder-3rd	2-3pm	Come join our debate and book club, in which students will learn listening and critical reasoning skills, increase their confidence, poise, and self-esteem, and encourage teamwork, structure, and organizational thoughts. Students will also listen to stories while learning accompanying fun songs, dances, and drawings. Each week, students will take on a controversial topic and learn debating skills to engage students and learn about different ecosystems and general science.	\$40
#OL-109	Roblox Lua Coding	3rd-8th	2-3:30pm	Want to build your own software and video games? Curious about entering the world of computer science? Learn Lua - one of the most popular languages for video game programmers using the hit platform Roblox! In this course, learn basic Lua programming skills - ultimately culminating in the design and implementation of your very own Roblox "Obby" Obstacle course game! Students will use Roblox Virtual Studio graphical and Lua-scripting capabilities to learn the basics of building a graphical interface and writing simple code. Watch your creations come to life! No experience necessary!	\$60
#OL-110	Minecraft Obstacle Course Part 1	3rd-8th	2-3:30pm	In this fun and interactive world, students will need to use their critical thinking and collaboration skills to build their own American Ninja Warrior obstacle course. Have fun trying to get your Minecraft character to finish your own "Wipeout" obstacle course.	\$60

YSC 2021 Summer Schedule

WEEK 2 (6/7-6/11)

Class #	Class Name	Grade	Class Time	Class Description	Tuition
#OL-200	Coding For Kids	Kinder-1st	10-11am	Come join us for all new activities that will teach kids how to use critical thinking skills, identify "bugs" and how to solve them, how to follow and predict a set of instructions, and decompose a problem into smaller steps by playing the online game, Kodable.	\$50
#OL-201	Exploring Famous Artists	2nd - 3rd	10-11am	Come and learn the master's basics and end up producing the most striking works of art. Learn Da Vinci's techniques to Rembrandt's Golden Triangle, create pieces you will keep forever!	\$50
#OL-202	Tinkercad Designers	3rd - 5th	10-11:30am	Learn 3D Modelling with the app Tinkercad. Use your imagination to design your dream house, room, car or anything else that you can think of in this tinkering class.	\$75
#OL-203	Minecraft Architecture: Build and Design Part 1	6th-8th	10-11:30am	In Build and Design, students will study how humans affect the world around them by building a city in Minecraft survival mode. Students will develop an understanding of city planning and the infrastructure needed to design and build practical buildings in different architectural styles.	\$75
#OL-204	Exploring Famous Artists	Kinder-1st	12-1pm	Come and learn the master's basics and end up producing the most striking works of art. Learn Da Vinci's techniques to Rembrandt's Golden Triangle, create pieces you will keep forever!	\$50
#OL-205	Coding For Kids	2nd - 3rd	12-1pm	Come join us for all new activities that will teach kids how to use critical thinking skills, identify "bugs" and how to solve them, how to follow and predict a set of instructions, and decompose a problem into smaller steps by playing the online game, Kodable.	\$50
#OL-206	Minecraft Architecture: Build and Design Part 1	3rd-5th	12-1:30pm	In Build and Design, students will study how humans affect the world around them by building a city in Minecraft survival mode. Students will develop an understanding of city planning and the infrastructure needed to design and build practical buildings in different architectural styles.	\$75
#OL-207	Tinkercad Designers	6th-8th	12-1:30pm	Learn 3D Modelling with the app Tinkercad. Use your imagination to design your dream house, room, car or anything else that you can think of in this tinkering class.	\$75
#OL-208	Dr. Seuss Book and Debate Club	Kinder-3rd	2-3pm	Come join our debate and book club, in which students will learn listening and critical reasoning skills, increase their confidence, poise, and self-esteem, and encourage teamwork, structure, and organizational thoughts. Students will also listen to stories while learning accompanying fun songs, dances, and drawings. Each week, students will take on a controversial topic and learn debating skills to engage students and learn about different ecosystems and general science.	\$50
#OL-209	Minecraft Redstone: Body System Part 1	3rd-8th	2-3:30pm	Have you ever wondered how the human body works? Are you interested in engineering machines? If so Redstone Body Systems is perfect for you! In this class, we will study how the body system works, and create machines that replicate these processes in Minecraft.	\$75

WEEK 3 (6/14-6/18)

Class #	Class Name	Grade	Class Time	Class Description	Tuition
#OL-300	Lil Programmers: Dance Moves	Kinder-3rd	10-11am	Come join us for all new activities that will have your kids dancing out of their seats. In this class we will teach kids how to use critical thinking skills, identify "bugs" and how to solve them, how to follow and predict a set of instructions, and decompose a problem into smaller steps by coding dance moves.	\$50
#OL-302	Minecraft Geology: Natural Disasters	3rd - 5th	10-11:30am	Have fun learning about different landforms and how they are made in this exciting Minecraft Geology class. Learn the geological processes involved in creating mountains, lava, volcanoes, beaches, and many more landforms in your own Minecraft world.	\$75
#OL-303	Roblox Lua Coding	3rd-8th	10-11:30am	Want to build your own software and video games? Curious about entering the world of computer science? Learn Lua - one of the most popular languages for video game programmers using the hit platform Roblox! In this course, learn basic Lua programming skills - ultimately culminating in the design and implementation of your very own Roblox "Obby" Obstacle course game! Students will use Roblox Virtual Studio graphical and Lua-scripting capabilities to learn the basics of building a graphical interface and writing simple code. Watch your creations come to life! <u>No experience necessary!</u>	\$75
#OL-306	GIMP: Meme Maker	3rd-5th	12-1:30pm	Learn how to edit images and create animated memes and emojis using the GNU Image Manipulation Program. Students can either create their own memes or create a character from a photo. Students will then do advanced editing using GIMP software on their images to create their own animated memes and emoji to use on social media. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75
#OL-307	Minecraft Geology: Natural Disasters	6th-8th	12-1:30pm	Have fun learning about different landforms and how they are made in this exciting Minecraft Geology class. Learn the geological processes involved in creating mountains, lava, volcanoes, beaches, and many more landforms in your own Minecraft world.	\$75
#OL-308	Mo Willems Book and Debate Club	Kinder-3rd	2-3pm	Come join our debate and book club, in which students will learn listening and critical reasoning skills, increase their confidence, poise, and self-esteem, and encourage teamwork, structure, and organizational thoughts. Students will also listen to stories while learning accompanying fun songs, dances, and drawings. Each week, students will take on a controversial topic and learn debating skills to engage students and learn about <u>different ecosystems and general science.</u>	\$50
#OL-309	Minecraft Survival City: STEM Challenge Part 1	3rd-8th	2-3:30pm	In this STEM Challenge Survival City mode, students will study how humans affect the world around them by building a city in Minecraft survival mode. Students will study city planning and biomes of the world, gather resources, design buildings in different architectural styles, and build infrastructure. Do you have what it takes to meet the STEM challenge and build your world?	\$75
#OL-310	Minecraft Survival City: STEM Challenge Part 1	3rd-8th	2-3:30pm	In this STEM Challenge Survival City mode, students will study how humans affect the world around them by building a city in Minecraft survival mode. Students will study city planning and biomes of the world, gather resources, design buildings in different architectural styles, and build infrastructure. Do you have what it takes to meet the STEM challenge and build your world?	\$75

WEEK 4 (6/21-6/25)

Class #	Class Name	Grade	Class Time	Class Description	Tuition
#OL-400	Lightbot and Legos: Maze Challenge	Kinder-3rd	10-11am	Do you love solving puzzles, playing logic games, and playing with Legos? Well, in this class you will be playing these games to learn programming so that you can code your sprite to race through different mazes.	\$50
#OL-402	Blender 3D: Character Creator	3rd - 5th	10-11:30am	Blender's, a top rated 3D computer graphic software tool, comprehensive array of modeling tools make creating, transforming and editing your models a breeze. Learn how to use the powerful tools in Blender to create 3D shapes and characters while learning the different aspects of lighting and shading. Students will be introduced to camera angles and modeling of their own creations!	\$75
#OL-403	Minecraft Film Directing: Famous Scene Part 1	6th-8th	10-11:30am	Does your kid have a passion for drama? Are they creative storytellers? Have they ever wanted to work on a movie set? If so, then Minecraft Filming is the perfect class for them. In this class, students will build famous characters, write scripts, and act them out to a popular movie scene in Minecraft. Students will also gain video editing skills in order to complete their scenes.	\$75
#OL-404	Cool Inventions	Kinder-3rd	12-1pm	These great inventors have given the world so much, from medical discoveries to inventions that make our lives easier. Learn about the amazing men and women that have changed our world. Children will come away with a journal of the lives of scientists and incredible inventions... and some silly ones too!	\$50
#OL-406	Minecraft Film Directing: Famous Scene Part 1	3rd-5th	12-1:30pm	Does your kid have a passion for drama? Are they creative storytellers? Have they ever wanted to work on a movie set? If so, then Minecraft Filming is the perfect class for them. In this class, students will build famous characters, write scripts, and act them out to a popular movie scene in Minecraft. Students will also gain video editing skills in order to complete their scenes.	\$75
#OL-407	Blender 3D: Character Creator	6th-8th	12-1:30pm	Blender's, a top rated 3D computer graphic software tool, comprehensive array of modeling tools make creating, transforming and editing your models a breeze. Learn how to use the powerful tools in Blender to create 3D shapes and characters while learning the different aspects of lighting and shading. Students will be introduced to camera angles and modeling of their own creations!	\$75
#OL-408	Barnyard Animals Book and Debate Club	Kinder-3rd	2-3pm	Come join our debate and book club, in which students will learn listening and critical reasoning skills, increase their confidence, poise, and self-esteem, and encourage teamwork, structure, and organizational thoughts. Students will also listen to stories while learning accompanying fun songs, dances, and drawings. Each week, students will take on a controversial topic and learn debating skills to engage students and learn about different ecosystems and general science.	\$50
#OL-409	Minecraft Major Biomes	3rd-8th	2-3:30pm	Have you ever wondered how some landscapes in Minecraft are very similar (or very different) from what you see on planet Earth? Well, in this class you will get to have fun building your own world and learning why your world is either very similar or different from what you actually see by learning about the major biomes that make up planet Earth.	\$75

WEEK 5 (6/28-7/2)

Class #	Class Name	Grade	Class Time	Class Description	Tuition
#OL-500	Codemoji: Basic Game Creator	Kinder-3rd	10-11am	Learn the basics of web development and coding, such as HTML, in a fun and easy way, allowing kids to create basic games.	\$50
#OL-502	Minecraft Physics: Theme Park Part 1	3rd - 5th	10-11:30am	In this class, students will build a theme park based on Newton's 2nd laws of motion. Students will learn about the different forces that are present in Minecraft but also in the real world all while having fun in Minecraft.	\$75
#OL-511	Roblox Lua Coding: Racing	3rd-8th	10-11:30am	Use Roblox Lua Code to create your own Racing Game! Topics include using timers, loops and tables.	\$75
#OL-504	Lil Engineers: Paper Challenge	Kinder-3rd	12-1pm	Come and join us and engineer some fun with paper! Learn to make paper airplanes, fans, bridges, blocks, towers and much more! We will challenge kids to build the strongest bridge, planes, blocks and towers and also have some fun engineering practical paper toys.	\$50
#OL-506	Scratch: Make Your Own Game	3rd-8th	12-1:30pm	Learn the basics of Python coding to make your own game using the game editor Scratch. Students will learn how to perform loops, conditional statements, sequences, and much more.	\$75
#OL-507	Minecraft Physics: Theme Park Part 1	3rd-8th	12-1:30pm	In this class, students will build a theme park based on Newton's 2nd laws of motion. Students will learn about the different forces that are present in Minecraft but also in the real world all while having fun in Minecraft.	\$75
#OL-508	Disney Book and Debate Club	Kinder-3rd	2-3pm	Come join our debate and book club, in which students will learn listening and critical reasoning skills, increase their confidence, poise, and self-esteem, and encourage teamwork, structure, and organizational thoughts. Students will also listen to stories while learning accompanying fun songs, dances, and drawings. Each week, students will take on a controversial topic and learn debating skills to engage students and learn about different ecosystems and general science.	\$50
#OL-509	Minecraft Farming Part 1	3rd-8th	2-3:30pm	Have fun creating your very own farm structures, such as barns, animal enclosures, gardens, plant beds, and much more. Breed animals and create a working and sustainable farm in your own Minecraft world.	\$75

WEEK 6 (7/6-7/9) 4-day classes only. No class on 7/5

Class #	Class Name	Grade	Class Time	Class Description	Tuition
#OL-600	Lil Digital Painters: E-card Masterpieces	Kinder-3rd	10-11am	Learn how to create personalized e-cards using your very own computer. Then share your masterpieces with your family and friends. So come join us for an hour of imaginative digital drawing!	\$40
#OL-602	Introduction to Python (Coders)	3rd - 8th	10-11:30am	In this class, students will learn how to code interactive projects in Python-a text-based programming language that is widely used in making web applications. Through project based lessons, students will be first introduced to the interactive coding environment, variables, conditionals, and loops all while manipulating their own sprites.	\$60
#OL-603	Minecraft War: Hidden Bases	4th-8th	10-11:30am	Students, protect your bases! Get ready to work in teams and use the resources available to build a hidden base and protect it from other team members who want to find and destroy your base. The last surviving team is the winner. Learn collaborative and critical thinking skills to overtake your opponents in this fun warring game.	\$60
#OL-604	Let's Draw: Cute Animals	Kinder-3rd	12-1pm	Have you ever wanted to draw your favorite animal, but did not know where to start? Well, in this class we will teach you the drawing techniques you need to draw your cutest favorite animal to share with family and friends. We will begin by using the basic drawing shapes, curved lines, adding details, and basic shading techniques; then students will be encouraged to add their own artistic expressions to their drawings to make them unique.	\$40
#OL-606	Minecraft War: Hidden Bases	3rd-8th	12-1:30pm	Students, protect your bases! Get ready to work in teams and use the resources available to build a hidden base and protect it from other team members who want to find and destroy your base. The last surviving team is the winner. Learn collaborative and critical thinking skills to overtake your opponents in this fun warring game.	\$60
#OL-611	Roblox Lua Coding: Adventure Maps	3rd-8th	12-1:30pm	Create your own Roblox Challenging Adventure Map using Lua Coding. Learn all about functions, variables, and ways to use the terrain editor.	\$60
#OL-608	Desert Book and Debate Club	Kinder-3rd	2-3pm	Come join our debate and book club, in which students will learn listening and critical reasoning skills, increase their confidence, poise, and self-esteem, and encourage teamwork, structure, and organizational thoughts. Students will also listen to stories while learning accompanying fun songs, dances, and drawings. Each week, students will take on a controversial topic and learn debating skills to engage students and learn about different ecosystems and general science.	\$40
#OL-609	Minecraft Obstacle Course	3rd-8th	2-3:30pm	In this fun and interactive world, students will need to use their critical thinking and collaboration skills to build their own American Ninja Warrior obstacle course. Have fun trying to get your Minecraft character to finish your own "Wipeout" obstacle course. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$60
#OL-610	Minecraft Obstacle Course	3rd-8th	2-3:30pm	In this fun and interactive world, students will need to use their critical thinking and collaboration skills to build their own American Ninja Warrior obstacle course. Have fun trying to get your Minecraft character to finish your own "Wipeout" obstacle course. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$60

WEEK 7 (7/12-7/16)

Class #	Class Name	Grade	Class Time	Class Description	Tuition
#OL-700	Scratch Jr.: Animations	Kinder-3rd	10-11am	Come join us for all new activities that will teach kids how to use critical thinking skills, identify "bugs" and how to solve them, how to follow and predict a set of instructions, and decompose a problem into smaller steps by creating their own animations in Scratch Jr.	\$50
#OL-702	GIMP: Animations	3rd - 8th	10-11:30am	Learn how to edit photos and create animations using GNU Image Manipulation Program. Students can either create their own character or create a character from a photo. Students will then do advanced editing using GIMP software on their photo to create their own animation movie. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75
#OL-703	Minecraft Game Computer Programming	6th-8th	10-11:30am	Do you have a kid who loves Minecraft and other kinds of video games? Are they interested in how video games work? Have they ever wanted to create their own video game? If so then this class will be perfect for you! In Minecraft Game Design students will create their own video games using Minecraft as a game creation platform. They will gain skills in computer programming, set design, map building, and teamwork. Each class stands by itself without prerequisites. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75
#OL-704	I Spy Scavenger Hunt Challenge	Kinder-3rd	12-1pm	No sitting down for this class! Students will need to get off of their seats, scavenge for household items, and then draw their items and share with the rest of the class. Students will need to listen and follow directions in order to win points by hunting their homes safely in this fun I Spy game!	\$50
#OL-706	Minecraft Redstone: Body System	3rd-5th	12-1:30pm	Have you ever wondered how the human body works? Are you interested in engineering machines? If so Redstone Body Systems is perfect for you! In this class, we will study how the body system works, and create machines that replicate these processes in Minecraft. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75
#OL-710	Roblox Lua Coding: Marble Run	3rd-8th	12-1:30pm	Learn Lua Coding while creating your very own Marble Game! Become the marble and travel through your own marble run while learning all about functions and events.	\$75
#OL-708	Nocturnal Animals Book and Debate Club	Kinder-3rd	2-3pm	Come join our debate and book club, in which students will learn listening and critical reasoning skills, increase their confidence, poise, and self-esteem, and encourage teamwork, structure, and organizational thoughts. Students will also listen to stories while learning accompanying fun songs, dances, and drawings. Each week, students will take on a controversial topic and learn debating skills to engage students and learn about different ecosystems and general science.	\$50
#OL-709	Minecraft Film Directing: Famous Scene	3rd-8th	2-3:30pm	Does your kid have a passion for drama? Are they creative storytellers? Have they ever wanted to work on a movie set? If so, then Minecraft Filming is the perfect class for them. In this class, students will build famous characters, write scripts, and act them out to a popular movie scene in Minecraft. Students will also gain video editing skills in order to complete their scenes. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75

YSC 2021 Summer Schedule

WEEK8 (7/19-7/23)

Class #	Class Name	Grade	Class Time	Class Description	Tuition
#OL-800	Eco Ranger: Natural Elements	Kinder-3rd	10-11am	Natural elements that make up planet Earth impacts so much of our lives, we breathe air, we walk on solid ground, we build fires, and we drink water. Learn how humans have engineered these natural elements to build planes, boats, cars, and fuel.	\$50
#OL-802	Minecraft Architecture: Build and Design	3rd - 5th	10-11:30am	In Build and Design, students will study how humans affect the world around them by building a city in Minecraft survival mode. Students will develop an understanding of city planning and the infrastructure needed to design and build practical buildings in different architectural styles. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75
#OL-810	Roblox Lua Coding: Dodge Ball	3rd-8th	10-11:30am	Program your own Dodgeball Arena in Roblox Studio. Learn about conditional statements and functions using Lua Programming.	\$75
#OL-804	Let's Draw: Cartoon Characters	Kinder-3rd	12-1pm	Have you ever wanted to draw your favorite cartoon character, but did not know where to start? Well, in this class we will teach you the drawing techniques you need to draw your favorite cartoon character to share with family and friends. We will begin by using the basic drawing shapes, curved lines, adding details, and basic shading techniques; then students will be encouraged to add their own artistic expressions to their drawings to make them unique.	\$50
#OL-806	Blender 3D: Anime Modelling	3rd-8th	12-1:30pm	Blender's, a top rated 3D computer graphic software tool, comprehensive array of modeling tools make creating, transforming and editing your anime models a breeze. Learn how to use the powerful tools in Blender to create 3D shapes and characters while learning the different aspects of lighting and shading. Students will be introduced to camera angles and animation of their own creations!	\$75
#OL-807	Minecraft Architecture: Build and Design	6th-8th	12-1:30pm	In Build and Design, students will study how humans affect the world around them by building a city in Minecraft survival mode. Students will develop an understanding of city planning and the infrastructure needed to design and build practical buildings in different architectural styles. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75
#OL-808	Curious George Book and Debate Club	Kinder-3rd	2-3pm	Come join our debate and book club, in which students will learn listening and critical reasoning skills, increase their confidence, poise, and self-esteem, and encourage teamwork, structure, and organizational thoughts. Students will also listen to stories while learning accompanying fun songs, dances, and drawings. Each week, students will take on a controversial topic and learn debating skills to engage students and learn about different ecosystems and general science.	\$50
#OL-809	Minecraft Farming	3rd-8th	2-3:30pm	Have fun creating your very own farm structures, such as barns, animal enclosures, gardens, plant beds, and much more. Breed animals and create a working and sustainable farm in your own Minecraft world. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75

WEEK9 (7/26-7/30)

Class #	Class Name	Grade	Class Time	Class Description	Tuition
#OL-900	Lightbot and Legos Math Fun	Kinder-3rd	10-11am	Do you love solving puzzles, playing logic games, and playing with Legos? Well, in this class you will be playing these games to learn programming and to make learning math fun. So come join us for this fun programming and math class.	\$50
#OL-902	Minecraft Physics: Theme Park	3rd - 8th	10-11:30am	In this class, students will build a theme park based on Newton's 2nd laws of motion. Students will learn about the different forces that are present in Minecraft but also in the real world all while having fun in Minecraft. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75
#OL-910	Roblox Lua Coding: Obby	3rd-8th	10-11:30am	Create dangerous jumps, killblocks and checkpoints while programming your own Obby in Roblox Studio! Learn the Lua Programming Language to create and modify obstacles.	\$75
#OL-904	Weird and Wacky Animals	Kinder-3rd	12-1pm	Come and learn about the weirdest and wackiest animals that live on planet earth. We will be looking at pictures and watching videos of these extraordinary animals and learn why they do what they do. So come join us for a week filled with slimy, gooey, weird, and wacky animals.	\$50
#OL-906	Tinkercad Designer 2	3rd-8th	12-1:30pm	Learn 3D Modelling with the app Tinkercad. Use your imagination to design your dream house, room, car or anything else that you can think of in this tinkering class. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75
#OL-907	Minecraft Physics: Theme Park	6th-8th	12-1:30pm	In Build and Design, students will study how humans affect the world around them by building a city in Minecraft survival mode. Students will develop an understanding of city planning and the infrastructure needed to design and build practical buildings in different architectural styles. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75
#OL-908	Comic Book and Debate Club	Kinder-3rd	2-3pm	Come join our debate and book club, in which students will learn listening and critical reasoning skills, increase their confidence, poise, and self-esteem, and encourage teamwork, structure, and organizational thoughts. Students will also listen to stories while learning accompanying fun songs, dances, and drawings. Each week, students will take on a controversial topic and learn debating skills to engage students and learn about different ecosystems and general science.	\$50
#OL-909	Minecraft Survival City: STEM Challenge Part 2	3rd-8th	2-3:30pm	In this STEM Challenge Survival City mode, students will study how humans affect the world around them by building a city in Minecraft survival mode. Students will study city planning and biomes of the world, gather resources, design buildings in different architectural styles, and build infrastructure. Do you have what it takes to meet the STEM challenge and build your world? Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$75

For Summer information, please contact Diana at diana@youthsciencecenter.org or call 626-588-7818

For Registration information, please contact Elaine at elaine@youthsciencecenter.org