

SESSION 1 • JUNE 5-9

Adventures in Minecraft (Grades 6, 7, 8 & 9)

Instructor: Mr. Danley
Date: June 5-9 / Time: 9 a.m.-12 noon
Tuition: (NLR - \$170) (LR - \$85)

Whether it's your first day or you are a Minecraft pro, this is the course for you. In this course you will create your own Minecraft Tutorials using Jing. Discover Minecraft tricks even your friends don't know! Redstone, texture packs, new updates, resource packs and biomes are just some of what you will find in this class that is ALL Minecraft!

Lego Robotics (Grades 4, 5, 6 & 7)

Instructor: Mr. Schinkel & Mr. Sievers
Date: June 5-9 / Time: 9 a.m.-12 noon
Tuition: (NLR - \$170) (LR - \$85)

Lego Robotics kits allow students to create the smartest, strongest and most advanced Lego robot ever! LEGO EV 3 MINDSTORM includes an all-new EV 3 Intelligent Brick with 32-bit microprocessor, a sound sensor, an ultrasonic visual sensor, an improved touch sensor, an improved light sensor and easy-to-use Windows and Macintosh programming software. Maximum of 22 participants. Students will be required to work with a partner. The course is designed for two students per kit.

Swift Playground (Grades 6, 7, 8 & 9)

Instructor: Mr. Holdorf
Date: June 5-9 / Time: 9 a.m.-12 noon
Tuition: (NLR - \$170) (LR - \$85)

Swift Playgrounds is a revolutionary new app for iPad that makes learning Swift interactive and fun. Solve puzzles to master the basics using Swift — a powerful programming language created by Apple and used by the pros to build many of today's most popular apps. Then take on a series of challenges and step up to more advanced creations. Swift Playgrounds requires no coding knowledge, so it's perfect for students just starting out. It also provides a unique way for seasoned developers to quickly bring ideas to life. And because it's built to take full advantage of iPad, it's a first-of-its-kind learning experience.

Adventures in Minecraft (Grades 4, 5, 6 & 7)

Instructor: Mr. Danley
Date: June 5-9 / Time: 1-4 p.m.
Tuition: (NLR - \$170) (LR - \$85)

Whether it's your first day or you are a Minecraft pro, this is the course for you. In this course you will create your own Minecraft Tutorials using Jing. Discover Minecraft tricks even your friends don't know! Redstone, texture packs, new updates, resource packs and biomes are just some of what you will find in this class that is ALL Minecraft!

We Do Lego (Grades 4, 5, 6 & 7)

Instructor: Mr. Schinkel
Date: June 5-9 / Time: 1-4 p.m.
Tuition: (NLR - \$170) (LR - \$85)

Don't just build with Lego blocks, create and code your own robot, truck, animatronic creature, or other project and watch it come to life! Participants will use the new Lego WeDo 2.0 kits to learn about programming, engineering and technology and create a variety of projects from the ground up, making the robots from Lego pieces, figuring out how to incorporate a motor in their design, and then coding the assembly to run (lots of assembly required).

Introduction to Programming Concepts (Grades 6, 7, 8 & 9)

Instructor: Mr. Holdorf
Date: June 5-9 / Time: 1-4 p.m.
Tuition: (NLR - \$170) (LR - \$85)

Have you ever had the urge to program an app or make a computer game? With technology in every part of our lives, programming knowledge is becoming more important for everyone to have. In this exciting week-long course we will be exploring the basic concepts of computer programming by writing code in CoffeeScript using the CodeMonkey game. Sign up if you want to one day be a programmer, or are just interested in seeing how fun coding can be!

SESSION 2 • JUNE 12 - 16

LPS Robotics (Grades 6, 7, 8 & 9)

Instructor: Mr. Fielder
Date: June 12-16 / Time: 9 a.m.-12 noon
Tuition: (NLR - \$170) (LR - \$85)

Explore coding and programming with a variety of robots and coding programs such as Dot and Dash, Cubelets, Sphero, Lego WeDo, and Ozobot. Participants will use robotics in conjunction with iPads and computers to create and execute programs and tasks in the real world, not just on a screen. We will also learn about coding software such as Scratch and mBlock to create a variety of projects.

Claymation (Grades 6, 7, 8 & 9)

Instructor: Mr. Brunott
Date: June 12-16 / Time: 9 a.m.-12 noon
Tuition: (NLR - \$170) (LR - \$85)

Do you like working with clay? Do you like working on computers? Well, this class offers both! In this course, students will create a short animated movie using clay figures and/or objects, taking photographs of them, and importing them into iMovie. Students will also have the opportunity to add sound using GarageBand and editing images in Adobe Photoshop. Come and join the fun!!

Coding with Scratch and Robotics (Grades 4, 5, 6 & 7)

Instructor: Mr. Mlady & Mrs. Nantkes
Date: June 12-16 / Time: 9 a.m.-12 noon
Tuition: (NLR - \$170) (LR - \$85)

Students will explore coding and programming using Scratch, Dash robots, and Bitsbox. Participants will use Scratch and Bitsbox to create games and animations, and will also use Dash Robots and ipads to create programs that complete mazes and other activities.

Comic Art (Grades 6, 7, 8 & 9)

Instructor: Mr. Brunott
Date: June 12-16 / Time: 9 a.m.-12 noon
Tuition: (NLR - \$170) (LR - \$85)

Students will have the opportunity to create their own super hero(s)/comic characters using a variety of applications including: Adobe Photoshop. They will create an original story that will combine both written text and visual imagery using Comic Life. Be imaginative. Be creative. Have fun

Coding with Scratch and Robotics (Grades 4, 5, 6 & 7)

Instructor: Mr. Mlady & Mrs. Nantkes
Date: June 12-16 / Time: 1- p.m.
Tuition:(NLR - \$170) (LR - \$85)

Students will explore coding and programming using Scratch, Dash robots, and Bitsbox. Participants will use Scratch and Bitsbox to create games and animations, and will also use Dash Robots and ipads to create programs that complete mazes and other activities.

Creative Coding (Grades 4, 5, 6 & 7)

Instructor: Mrs. Prabulos
Date: June 12-16 / Time: 1-4 p.m.
Tuition: (NLR - \$170) (LR - \$85)

Enjoy coding? Want to learn more? In this class, you will try many different types of coding! Learn to code games, stories, and more in Scratch, code robots through a variety of challenges, and try out text based coding with Bitsbox. After learning some basics, you will have the opportunity to get creative with your code! Come and join the fun!

SESSION 3 • JUNE 19 - 23 AT CAREER ACADEMY

CyberPatriot (Grades 6, 7, 8 & 9)

Instructor: Mr. Nickels
Date: June 19-23 / Time: 9 a.m.-12 noon
Tuition:(NLR - \$170) (LR - \$85)
At The Career Academy

This Cyber Camp Class emphasizes fun, hands-on learning of cybersecurity principles that are relevant and applicable to everyday life. At our Cyber Camp, students learn the importance of cyber safety and how to protect their personal devices and information from outside threats.. We will be following a Curriculum that was designed by the Air Force Association

Lego Robotics Ev 3 Class (Grades 4, 5, 6 & 7)

Instructor: Mr. Danley
Date: June 19-23 / Time: 9 a.m.-12 noon
Tuition:(NLR - \$170) (LR - \$85)
At The Career Academy

Lego Robotics kits allow students to create the smartest, strongest and most advanced Lego robot ever! LEGO Ev 3 MINDSTORM includes an all-new Ev 3 Intelligent Brick with 32-bit microprocessor, a sound sensor, an ultrasonic visual sensor, an improved touch sensor, an improved light sensor and easy-to-use Windows and Macintosh programming software. Maximum of 16 participants. Students will be required to work with a partner. The course is designed for two students per kit.

Wonderful World of Adobe Photoshop CC (Grades 6, 7, 8 & 9)

Instructor: Mrs. Crabtree
Date: June 19-23 / Time: 9 a.m.-12 noon
Tuition: (NLR - \$170) (LR - \$85)
At The Career Academy

Whether you're an experienced "photoshoper" or beginner – be prepared to learn something new in this interactive Adobe Photoshop CC course. Students will experiment with green screen images and personal photos to create, edit, and enhance them. Students will learn techniques to create dramatic effects to photos in order to create original pieces of art.

Summer 2017 Summer Technology Program

Registration

(Please fill out both sides of this form)

Student's Name _____

Student's I.D. Number for LPS _____

School attending in the Fall 2017 _____

Grade entering in the Fall 2017 _____

Male Female

Parent/Guardian Name _____

Address _____

City _____ State _____ Zip _____

Phone (day) _____

Phone (evening) _____

Parent e-mail (Required) _____

EMERGENCY CONTACT INFORMATION:

Name _____

Phone _____

Check here if student qualifies for the free/reduced lunch program.

Students may participate in field trips and/or be photographed or videotaped for media purposes.

Field Trip Permission YES NO

Photo/Video Release YES NO

Parent/Guardian Name _____

(PRINT) : _____

(SIGNATURE) : _____

DATE: _____

Please complete both sides of this registration, detach, submit with a check made out to Lincoln Public Schools and mail to:

Lincoln Public Schools
Bryan Community Focus Program
Attn:Summer Technology
300 S. 48th Street
Lincoln, NE 68510

Please check classes student wishes to attend:

(one form per student please - fill out both sides)

■ **Session 1 - June 5 - 9** ■

- Adventures in Minecraft**
(9a.m.-12 noon) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)
- Lego Robotics**
(9a.m.-12 noon) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)
- Swift Playground**
(9a.m.-12 noon) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)
- Adventures in Minecraft**
(1-4p.m.) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)
- We Do Lego**
(1-4p.m.) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)
- Introduction to Programming Concepts**
(1-4p.m.) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)

■ **Session 2 - June 12 - 16** ■

- LPS Robotics**
(9a.m.-12 noon) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)
- Claymation**
(9a.m.-12 noon) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)
- Coding with Scratch and Robotics**
(9a.m.-12 noon) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)
- Comic Art**
(1-4p.m.) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)
- Coding with Scratch and Robotics**
(1-4p.m.) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)
- Creative Coding**
(1-4p.m.) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)

■ **Session 3 - June 19 - 23** ■

- CyberPatriot**
(9a.m.-12 noon) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)
- Lego Robotics Ev3 Class**
(9a.m.-12 noon) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)
- The Wonderful World of Adobe Photoshop**
(9a.m.-12 noon) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)
- Lego Robotics EV3 Expansion Kit Class**
(1-4p.m.) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)
- WeDo Lego**
(1-4p.m.) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)

■ **Session 4 - June 26 - 30** ■

- Triple Treat**
(9a.m.-12 noon) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)
- Adventures in Minecraft**
(9a.m.-12 noon) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)
- Advanced Video Production**
(1-4p.m.) Grades 6, 7, 8, 9 (NLR -\$170) (LR -\$85)
- Lego Robotics Ev3 Expansion Kit Class**
(1-4p.m.) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)
- Creative Coding**
(1-4p.m.) Grades 4, 5, 6, 7 (NLR -\$170) (LR -\$85)

(NLR)=Non-Lincoln Resident
(LR)=Lincoln Resident (lives within LPS boundaries)

TOTAL ENCLOSED \$

Lego Robotics Ev 3 Expansion Kit Class (Grades 6, 7, 8 & 9)

Instructor: Mr. Danley Date: June 19-23 / Time: 1 p.m. - 4 p.m.
At The Career Academy
Lego Robotics kits allow students to create the smartest, strongest and most advanced Lego robot ever! LEGO Ev 3 MINDSTORM includes an all-new Ev 3 Intelligent Brick with 32-bit microprocessor, a sound sensor, an ultrasonic visual sensor, an improved touch sensor, an improved light sensor and easy-to-use Windows and Macintosh programming software. Maximum of 16 participants. Students will be required to work with a partner. The course is designed for two students per kit.

We will also be offering our new lego expansion kits for the Ev 3 robotics during this class! This expansion kit will allow students to build new robotics that they have never been able to build before during summer technology.

We Do Lego (Grades 4, 5, 6 & 7)

Instructor: Mr. Fielder Date: June 19-23 / Time: 1-4 p.m.
At The Career Academy

Don't just build with Lego blocks, create and code your own robot, truck, animatronic creature, or other project and watch it come to life! Participants will use the new Lego WeDo 2.0 kits to learn about programming, engineering and technology and create a variety of projects from the ground up, making the robots from Lego pieces, figuring out how to incorporate a motor in their design, and then coding the assembly to run (lots of assembly required).

SESSION 4 • JUNE 26 - 30

Triple Treat (Grades 6, 7, 8 & 9)

Instructor: Mrs. Leuenberger & Dr. Steen Date: June 26-30 / Time: 9 a.m.-12 noon
Tuition: (NLR -\$170) (LR -\$85)

Stop Motion Animation, Video Game Design, and Dones - all in one action-packed week! Make amazing movies in iStopmotion, create iPad games using Bloxels, and try out the brand new Airlock Drones. This is a week you won't want to miss!

Adventures in Minecraft (Grades 6, 7, 8 & 9)

Instructor: Mr. Danley Date: June 26-30 / Time: 9 a.m.-12 noon
Tuition: (NLR -\$170) (LR -\$85)

Whether it's your first day or you are a Minecraft pro, this is the course for you. In this course you will create your own Minecraft Tutorials using Jing. Discover Minecraft tricks even your friends don't know! Redstone, texture packs, new updates, resource packs and biomes are just some of what you will find in this class that is ALL Minecraft!

Advanced Video Production (Grades 6, 7, 8 & 9)

Instructor: Mr. Maw Date: June 26-30 / Time: 1-4 p.m.
Tuition:(NLR -\$170) (LR -\$85)

Have you ever wanted to direct or star in your own short film? In this class, students will create a short film using software from the Adobe Creative Suite. Learn how to edit your video using Adobe Premiere and add multiple special effects using Adobe After Effects.

Lego Robotics Ev 3 Expansion Kit Class (Grades 4, 5, 6 & 7)

Instructor: Mr. Danley Date: June 26-30 / Time: 1-4 p.m.
Tuition: (NLR -\$170) (LR -\$85)

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Creative Coding (Grades 4, 5, 6, & 7)

Instructor: Mr. Rushing Date: June 26-30 / Time: 1-4 p.m.
Tuition: (NLR -\$170) (LR -\$85)

Enjoy coding? Want to learn more? In this class, you will try many different types of coding! Learn to code games, stories, and more in Scratch, code robots through a variety of challenges, and try out text based coding with Bitsbox. After learning some basics, you will have the opportunity to get creative with your code! Come and join the fun!

For further information visit the Summer Technology Program website at <http://wp.lps.org/stp>



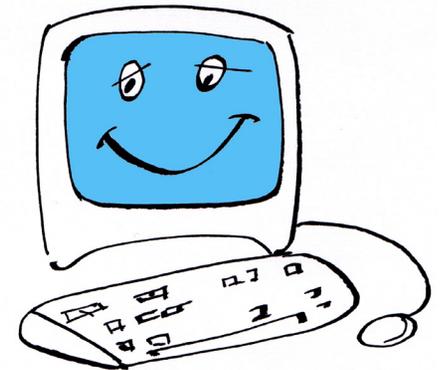
2017 Summer Technology Program

For Students Entering Grades 4-9 in Fall 2017

For students who want to explore their interest in computers using state of the art hardware and software.

Session 1, 2, & 4 will be held at the Bryan Community Focus Program 300 S. 48th St

Session 3 held at The Career Academy 8800 O St.



Lincoln Public Schools

Please make checks payable to: **Lincoln Public Schools**
*A service fee of \$20.00 will be charged for each bad check returned to Lincoln Public Schools.
Mail/Drop Off: Bryan Community Focus Program
Att: Summer Technology
300 S. 48th St. Lincoln, NE 68510
Phone Number: 402-436-1785