

WDC 1005 in RED from 9:10-9:40A

## Mystery Challenge (Hands-On)

Targeted age group for presentation: Any Age

During this session you will complete a MYSTERY project according to the Challenge instructions provided! Prizes awarded for top competitors!

WDC 1006 in RED from 9:10-9:40A

## Mystery Challenge (Hands-On)

Targeted age group for presentation: Any Age

During this session you will complete a MYSTERY project according to the Challenge instructions provided! Prizes awarded for top competitors!

WDC 1400 in RED from 9:10-9:40A

## Hospitality Room

Targeted age group for presentation: Any Age

Stop into this room for help choosing/finding sessions. Water, snack and more available!

WDC 1401 in RED from 9:10-9:40A

## Movie: The Lego Movie

Targeted age group for presentation: Any Age

Join us to watch a part of The Lego Movie.

WDC 1403 in RED from 9:10-9:40A

## Solve A Mystery With Scratch

Targeted age group for presentation: Grades 3 - 5

Are you a mystery fanatic? Gamer? Come and join our session to solve a mystery with Scratch, an online computer programming platform. We will demonstrate our projects and you get to experience it first hand.

WDC 1404 in RED from 9:10-9:40A

## A Day Made of Glass

Targeted age group for presentation: Any Age

We will present a view into the future with standards based on the science lessons based on Corning's "A Day Made of Glass" video series, which is a viral sensation that depicts the future of glass technologies. This technology make human life change tremendously.

WDC 1405 in RED from 9:10-9:40A

## Websites To Keep Your Fandom Flame Alive

Targeted age group for presentation: Grades 3 - 8

## **2015 SIT Conference at Heartland Community College in Normal, Illinois on February 21, 2015**

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Do you love Harry Potter? Do you dream about going to Camp Half-Blood? Do you obsess over Pokemon battles? Do you wonder what faction you'd be in? Then, come check out these websites that will keep your fandom flame alive inside you.

WDC 2001 in RED from 9:10-9:40A

### **Technology Of Remote Control Vehicles**

Targeted age group for presentation: Grades 3 - 6

Enjoy a demonstration of the capabilities of remote control vehicles and learn about the technology of how they work. Questions welcomed!

WDC 2003 in RED from 9:10-9:40A

### **Create And Build Games And Apps**

Targeted age group for presentation: Any Age

Learn all about how to create and build games and apps on iPhones and iPads; play with some games running on the iPad.

WDC 2004 in RED from 9:10-9:40A

### **Meet The Keynote Speaker**

Targeted age group for presentation: Any Age

Spend time with and ask SIT 2015 Keynoter Josh Halls questions about The Repopulation, an Indie MMORPG! Learn about the process for creating a game and taking it to the public. Ask for hints, tips and tricks...

WDC 2005 in RED from 9:10-9:40A

### **Python For Beginners (Hands-On)!?!**

Targeted age group for presentation: Any Age

Join us for a hands-on session and learn some basic programming with Python. Python is a remarkably powerful dynamic open source programming language that is used in a wide variety of application domains. YOU can download and continue to work with Python on your own!

WDC 2007 in RED from 9:10-9:40A

### **Build a Website Using Weebly (Hands-on)**

Targeted age group for presentation: Grades 6 - 12

Have you always wanted to have your own website? Well now you can! Join us for a hands-on session to learn how to create your very own website. We will be using the free web creation and hosting program Weebly.com.

WDC 2605 in RED from 9:10-9:40A

### **Controlling Mobs In Minecraft**

Targeted age group for presentation: Any Age

## 2015 SIT Conference at Heartland Community College in Normal, Illinois on February 21, 2015

One of the best parts of Minecraft is the ability to creatively defy reality. Join us to learn about why and when you'd benefit from controlling a mob, and some cool resources we've found online to control mobs in your own Minecraft experience. Stuck in a hole? Can't dig your way out? No problem. We'll show you a map and codes we've found to control a bat and fly right out!

WDC 2607 in RED from 9:10-9:40A

### SIT Logo 2016 Design Contest (Hands-On)

Targeted age group for presentation: Any Age

Help design a logo for SIT 2016, where the conference theme will be "Crack The Code." We'll provide the computer lab, software and instruction if desired or the paper, crayons, markers, glue, glitter and more; you provide the creativity!

WDC 2608 in RED from 9:10-9:40A

### Video Yourself In A News Broadcast

Targeted age group for presentation: Any Age

During this hands on session you'll have the opportunity to participate in a mock television news broadcast!

WDC 3002 in RED from 9:10-9:40A

### Makey-Makey - Turn Anything Into A Computer Key

Targeted age group for presentation: Any Age

"Makey Makey" is an electronic device that allows you to use household objects and turn them into computer keys. Understand how simple wires and alligator keys are used and some of the amazing things they can create.

WDC 3003 in RED from 9:10-9:40A

### Minecraft Modding: Without The Coding!

Targeted age group for presentation: Grades 6 - 12

Learn how to make your own mod for minecraft using MCreator, a program that does all the coding required to make your own mod.

WDC 3004 in RED from 9:10-9:40A

### <h1> Learn to Code, Game and be Awesome </h1> (Hands On)

Targeted age group for presentation: Grades 3 - 8

Learn to code without fear! In this introduction to code, learn the basic logic behind how to code a computer and how to design your own game. We will feature both Tynker and Lightbot, which make coding as simple as click and drag.

WDC 3601 in RED from 9:10-9:40A

### Space Exploration

Targeted age group for presentation: Grades 3 - 5

## **2015 IIT Conference at Heartland Community College in Normal, Illinois on February 21, 2015**

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From the first rockets to the space shuttles, space travel is still cherished up today! All attendees will learn the space programs successes and failures, how to become an astronaut, and more!

WDC 3602 in RED from 9:10-9:40A

### **Aurasma (Bring Your iPhones)**

Targeted age group for presentation: Any Age

Make your study habits fun with AURASMA!!!! all you need to do is make an aura and your all set! Come and see our presentation (we have candy!)

WDC 3603 in RED from 9:10-9:40A

### **Pokemon Evolved**

Targeted age group for presentation: Grades 6 - 12

Are you tired of blacking out and waking up in the Pokémon center? Do you want to show your rival that you are the very best, like no one ever was? Well, we can help you with that. Come to our presentation, and we'll teach you how to pulverize the Elite Four and any other rival!\* Be completely awesome and come to our lesson at the trainer's school, and we'll teach you all about how to win in competitive battling!

WDC 1001 in RED-ORANGE from 9:10-10:30A

### **Drawdio I (Hands-On)**

Targeted age group for presentation: Any Age

Preregistration required (additional fee was charged). Preregistered participants will build a Drawdio kit! Learn to solder and connect electrical components to create an electronic pencil that lets you make music while you draw. The Drawdio is a very simple musical synthesizer that uses the conductive properties of pencil graphite to create different sounds.

WDC 1602 in RED-ORANGE from 9:10-10:30A

### **Instabotics Challenge - Can You Build A Robot? (Hands On)**

Targeted age group for presentation: Any Age

Design and build a LEGO Mindstorms robot to compete against others in a mystery challenge! Learn the basics of building a Mindstorms NXT robot. Go through a robot build using 3 basic engineering principles: simple, solid and serviceable. Learn basic programming. Compete!

WDC 2006 in RED-ORANGE from 9:10-10:30A

### **Advanced Python (Hands-On)!?!**

Targeted age group for presentation: Any Age

Learn more advanced programming techniques. Join us for this hands-on session after you've gone to the beginners session. YOU can download and continue to work with Python on your own!

WDC 2601 in RED-ORANGE from 9:10-10:30A

## Minecraft Challenge For Grades 3-5 (Hands-On)

Targeted age group for presentation: Grades 3-5

Join us for a statewide hands-on Minecraft challenge during a double session! Each SIT site will choose a local building for their contestants to recreate. Builds will be completed individually and then judged. Win prizes! Contestants will be divided into the following grade groups: 3-5, 6-8 and 9-12. (Note: Plan to use YOUR Minecraft account for this competition; there will be limited conference accounts available.)

WDC 2602 in RED-ORANGE from 9:10-10:30A

## Minecraft Challenge For Grades 6-8 And 9-12 (Hands-On)

Targeted age group for presentation: Grades 6-12

Join us for a statewide hands-on Minecraft challenge during a double session! Each SIT site will choose a local building for their contestants to recreate. Builds will be completed individually and then judged. Win prizes! Contestants will be divided into the following grade groups: 3-5, 6-8 and 9-12. (Note: Plan to use YOUR Minecraft account for this competition; there will be limited conference accounts available.)

WDC East Door in RED-ORANGE from 9:10-10:30A

## Space Mission 1 (Hands-On)

Targeted age group for presentation: Any Age

Preregistration required (no fee was charged). Preregistered participants will visit the Challenger Learning Center and enjoy being part of a mission into outer space. Because this is a double session, you will have the opportunity to eat your snack at the CLC! Your crew will meet at the East doors on the first floor of the Workforce Development Center immediately after the Opening session at 9:00A.

WDC 1005 in ORANGE from 10:00-10:30A

## Mystery Challenge (Hands-On)

Targeted age group for presentation: Any Age

During this session you will complete a MYSTERY project according to the Challenge instructions provided! Prizes awarded for top competitors!

WDC 1006 in ORANGE from 10:00-10:30A

## Mystery Challenge (Hands-On)

Targeted age group for presentation: Any Age

During this session you will complete a MYSTERY project according to the Challenge instructions provided! Prizes awarded for top competitors!

WDC 1400 in ORANGE from 10:00-10:30A

## Hospitality Room

## **2015 IIT Conference at Heartland Community College in Normal, Illinois on February 21, 2015**

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Targeted age group for presentation: Any Age

Stop into this room for help choosing/finding sessions. Water, snack and more available!

WDC 1401 in ORANGE from 10:00-10:30A

### **Movie: The Lego Movie**

Targeted age group for presentation: Any Age

Join us to watch a part of The Lego Movie.

WDC 1403 in ORANGE from 10:00-10:30A

### **Exploring The Raspberry Pi Microcomputer**

Targeted age group for presentation: Grades 3 - 5

Did you know that computers can be as small as a deck of cards? Come get a delicious helping of Raspberry Pi and learn about all the exciting things you can do with this mini-marvel, including robotics and game design. After our presentation you will want one of these \$35 mini-machines for yourself!

WDC 1404 in ORANGE from 10:00-10:30A

### **Cars**

Targeted age group for presentation: Any Age

Learn about past cars and present cars. Get excited about the future cars, which will be self driving!

WDC 1405 in ORANGE from 10:00-10:30A

### **The Science Behind Aircraft**

Targeted age group for presentation: Any Age

Understanding the scientific principles of aircraft through the use of flight simulators. Introduction to the use of flight instrumentation.

WDC 2001 in ORANGE from 10:00-10:30A

### **The Candy Challenge**

Targeted age group for presentation: Grades 3 - 5

Small groups of students will be given a hands-on challenge to demonstrate the scientific method. Candy will be the materials for the lesson and for reward!

WDC 2003 in ORANGE from 10:00-10:30A

### **Printing The Future - An Introduction To 3D Printing**

Targeted age group for presentation: Any Age

Have you ever wanted to create 3-D objects straight from a printer? Well, now you can! 3-D printing is the future of printing, creating 3-D objects through advanced technology. You will learn the basics of 3-D Printing and even have a chance to win a prize!

WDC 2005 in ORANGE from 10:00-10:30A

### Python For Beginners (Hands-On)!?!

Targeted age group for presentation: Any Age

Join us for a hands-on session and learn some basic programming with Python. Python is a remarkably powerful dynamic open source programming language that is used in a wide variety of application domains. YOU can download and continue to work with Python on your own!

WDC 2007 in ORANGE from 10:00-10:30A

### Dota 2

Targeted age group for presentation: Grades 6 - 12

Learn about the Dota 2 Game! Find out how to play, what the character roles are and available competitions. You may even get to play Dota 2!

WDC 2605 in ORANGE from 10:00-10:30A

### Minecraft - The Guide to 1.8

Targeted age group for presentation: Grades 3 - 8

Overview and demonstration of the new tweaks of the PC/Mac 1.8 update of Minecraft.

WDC 2607 in ORANGE from 10:00-10:30A

### SIT Logo 2016 Design Contest (Hands-On)

Targeted age group for presentation: Any Age

Help design a logo for SIT 2016, where the conference theme will be "Crack The Code." We'll provide the computer lab, software and instruction if desired or the paper, crayons, markers, glue, glitter and more; you provide the creativity!

WDC 2608 in ORANGE from 10:00-10:30A

### Video Yourself In A News Broadcast

Targeted age group for presentation: Any Age

During this hands on session you'll have the opportunity to participate in a mock television news broadcast!

WDC 3002 in ORANGE from 10:00-10:30A

### Call of Duty - From Recruit to General

Targeted age group for presentation: Grades 6 - 12

At the SIT Boot Camp, learn how to be a skilled player in the action-packed game, Call of Duty Advanced Warfare.

WDC 3004 in ORANGE from 10:00-10:30A

### <h1> Learn to Code, Game and be Awesome </h1> (Hands On)

Targeted age group for presentation: Grades 3 - 8

## **2015 IIT Conference at Heartland Community College in Normal, Illinois on February 21, 2015**

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Learn to code without fear! In this introduction to code, learn the basic logic behind how to code a computer and how to design your own game. We will feature both Tynker and Lightbot, which make coding as simple as click and drag.

WDC 3601 in ORANGE from 10:00-10:30A

### **Arduino**

Targeted age group for presentation: Grades 3 - 5

Arduino is a tool for making computers that can sense and control more of the physical world than your desktop computer. It's an open-source physical computing platform based on a simple microcontroller board, and a development environment for writing software for the board.

WDC 3602 in ORANGE from 10:00-10:30A

### **How to Make a Gaming YouTube Video**

Targeted age group for presentation: Any Age

In our presentation we will show you how to make any type of gaming video with a smart recorder. We will show two examples with Minecraft and Terraria.

WDC 3603 in ORANGE from 10:00-10:30A

### **The Future, Robotics**

Targeted age group for presentation: Grades 6 - 12

Robots! You have seen and heard about them, but have you ever wondered how these human like mechanism came to existence? Learn about the science behind them and how they will impact the future.

WDC 1005 in YELLOW from 10:40-11:10A

### **Mystery Challenge (Hands-On)**

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During this session you will complete a MYSTERY project according to the Challenge instructions provided! Prizes awarded for top competitors!

WDC 1006 in YELLOW from 10:40-11:10A

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WDC 1400 in YELLOW from 10:40-11:10A

### **Hospitality Room**

Targeted age group for presentation: Any Age

Step into this room for help choosing/finding sessions. Water, snack and more available!



WDC 1401 in YELLOW from 10:40-11:10A

## Movie: The Lego Movie

Targeted age group for presentation: Any Age

Join us to watch a part of The Lego Movie.

WDC 1402 in YELLOW from 10:40-11:10A

## Learn How To Draw On Procreate And Drawcast

Targeted age group for presentation: Grades 6 - 12

Procreate and Drawcast are online drawing applications with a variety of tools for artists of all ages. Learn how to draw using these amazing applications. If you can, please bring your tablets to the session to have hands on experience.

WDC 1403 in YELLOW from 10:40-11:10A

## Wanna Make Your Own Game?

Targeted age group for presentation: Grades 6 - 8

Wouldn't it be cool to make your own game rather than just playing? Come and join our session. We will start you off with creating your own video game by end of our session.

WDC 1404 in YELLOW from 10:40-11:10A

## Wearable Technology/Mobile Health And Its Role In Improving Health

Targeted age group for presentation: Any Age

Learn about Wearable Technologies and Mobile Health products. Understand how these products can help solve some real time problems in health care access specially in the developing countries. I will go through some examples of mobile/wearable products that are being produced which could potentially help bridge the gap in health care access in developing countries.

WDC 2001 in YELLOW from 10:40-11:10A

## Taking Flight Anywhere

Targeted age group for presentation: Any Age

Did you ever want to learn how to make something fly? In this presentation you will learn how helicopters, rockets, planes, and a mystery machine take flight. We will do hands on experiments to show you how all these machines fly. Our demonstrations will even give you the tools and knowledge you need to build your own flying machine. At the end we will have a surprise for all of you!

WDC 2003 in YELLOW from 10:40-11:10A

## Create And Build Games And Apps

Targeted age group for presentation: Any Age

Learn all about how to create and build games and apps on iPhones and iPads; play with some games running on the iPad.

WDC 2004 in YELLOW from 10:40-11:10A

### Virtual Reality: Into The Unknown

Targeted age group for presentation: Grades 6 - 12

Wouldn't you like to explore the world? How about experiencing space or playing realistic games? Now, add the fact that all of your senses are working. That's virtual reality! Learn what virtual reality is, the uses of it, the future for it, augmented reality and much more.

WDC 2005 in YELLOW from 10:40-11:10A

### Python For Beginners (Hands-On)!?!

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Join us for a hands-on session and learn some basic programming with Python. Python is a remarkably powerful dynamic open source programming language that is used in a wide variety of application domains. YOU can download and continue to work with Python on your own!

WDC 2007 in YELLOW from 10:40-11:10A

### How To Build Your Own Candy Corn Launcher

Targeted age group for presentation: Grades 3 - 8

Step by step instructions on how to build the launcher.

WDC 2605 in YELLOW from 10:40-11:10A

### Minecraft: The Full Guide

Targeted age group for presentation: Any Age

Want to see if one presenter can fit almost everything about minecraft into a short presentation? See modding, mapping, installing custom stuff and surviving. Learn hours of work in 25 - 30 minutes! Be ready to work your brain into remembering the basic concepts of Minecraft while learning the newer advanced ones.

WDC 2607 in YELLOW from 10:40-11:10A

### SIT Logo 2016 Design Contest (Hands-On)

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WDC 2608 in YELLOW from 10:40-11:10A

### Video Yourself In A News Broadcast

Targeted age group for presentation: Any Age

During this hands on session you'll have the opportunity to participate in a mock television news broadcast!

WDC 3002 in YELLOW from 10:40-11:10A

## The Science Behind Evolve

Targeted age group for presentation: Grades 6 - 12

Earn your place at the top of the food chain in an asymmetrical, 1 vs. 4 multiplayer game called Evolve. Evolve is a game of cat and mouse, hunters and the monster. The hunters hunt down and kill the monster. In this class you'll learn about the sciences inside Evolve.

WDC 3003 in YELLOW from 10:40-11:10A

## Digital Legos With "Build With Chrome"

Targeted age group for presentation: Any Age

Like Legos? Want to build them online? Welcome to Build with Chrome, an free, online 3D software. Learn the basics on how to build a house.

WDC 3004 in YELLOW from 10:40-11:10A

## <h1> Learn to Code, Game and be Awesome </h1> (Hands On)

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Learn to code without fear! In this introduction to code, learn the basic logic behind how to code a computer and how to design your own game. We will feature both Tynker and Lightbot, which make coding as simple as click and drag.

WDC 3601 in YELLOW from 10:40-11:10A

## Biblionasium

Targeted age group for presentation: Grades 3 - 8

Teaching kids how to share their book recommendations with peers and teachers, build a virtual bookshelf, log their reading online and connect with friends to see which books are popular.

WDC 3602 in YELLOW from 10:40-11:10A

## Simple Stop Motion Movies

Targeted age group for presentation: Any Age

Come one and all to learn how to make your own stop motion movies! Learn to use your iPod to make backgrounds that pop and bring your characters to life.

WDC 3603 in YELLOW from 10:40-11:10A

## The Power Of Solar Panels

Targeted age group for presentation: Grades 6 - 8

Solar panels are used everywhere, but how do they work? What can I do with them? We will teach you all there is to know about these solar panels and even show you how to use them to power your apple device.

WDC 1001 in YELLOW-GREEN from 10:40-11:50A

### **Drawdio II (Hands-On)**

Targeted age group for presentation: Any Age

Preregistration required (additional fee was charged). Preregistered participants will build a Drawdio kit! Learn to solder and connect electrical components to create an electronic pencil that lets you make music while you draw. The Drawdio is a very simple musical synthesizer that uses the conductive properties of pencil graphite to create different sounds.

WDC 1602 in YELLOW-GREEN from 10:40-11:50A

### **Instabotics Challenge - Can You Build A Robot? (Hands On)**

Targeted age group for presentation: Any Age

Design and build a LEGO Mindstorms robot to compete against others in a mystery challenge! Learn the basics of building a Mindstorms NXT robot. Go through a robot build using 3 basic engineering principles: simple, solid and serviceable. Learn basic programming. Compete!

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Targeted age group for presentation: Any Age

Learn more advanced programming techniques. Join us for this hands-on session after you've gone to the beginners session. YOU can download and continue to work with Python on your own!

WDC 2601 in YELLOW-GREEN from 10:40-11:50A

### **Minecraft Challenge For Grades 3-5 (Hands-On)**

Targeted age group for presentation: Grades 3-5

Join us for a statewide hands-on Minecraft challenge during a double session! Each SIT site will choose a local building for their contestants to recreate. Builds will be completed individually and then judged. Win prizes! Contestants will be divided into the following grade groups: 3-5, 6-8 and 9-12. (Note: Plan to use YOUR Minecraft account for this competition; there will be limited conference accounts available.)

WDC 2602 in YELLOW-GREEN from 10:40-11:50A

### **Minecraft Challenge For Grades 6-8 And 9-12 (Hands-On)**

Targeted age group for presentation: Grades 6-12

Join us for a statewide hands-on Minecraft challenge during a double session! Each SIT site will choose a local building for their contestants to recreate. Builds will be completed individually and then judged. Win prizes! Contestants will be divided into the following grade groups: 3-5, 6-8 and 9-12. (Note: Plan to use YOUR Minecraft account for this competition; there will be limited conference accounts available.)

## **2015 IIT Conference at Heartland Community College in Normal, Illinois on February 21, 2015**

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WDC East Door in YELLOW-GREEN from 10:40-11:50A

### **Space Mission 2 (Hands-On)**

Targeted age group for presentation: Any Age

Preregistration required (no fee was charged). Preregistered participants will visit the Challenger Learning Center during this double session and enjoy being part of a mission into outer space. Your crew will meet at the East doors on the first floor of the Workforce Development Center immediately after the Orange session finishes at 10:30A.

WDC 1005 in GREEN from 11:20-11:50A

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WDC 1006 in GREEN from 11:20-11:50A

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During this session you will complete a MYSTERY project according to the Challenge instructions provided! Prizes awarded for top competitors!

WDC 1400 in GREEN from 11:20-11:50A

### **Hospitality Room**

Targeted age group for presentation: Any Age

Stop into this room for help choosing/finding sessions. Water, snack and more available!

WDC 1401 in GREEN from 11:20-11:50A

### **Movie: The Lego Movie**

Targeted age group for presentation: Any Age

Join us to watch a part of The Lego Movie.

WDC 1402 in GREEN from 11:20-11:50A

### **It's Time to Duel!**

Targeted age group for presentation: Any Age

Do you know Yu-Gi-Oh? Now you can play Yu-Gi-Oh when nobody's around. Come learn about the duel network! It's always time to duel there!

WDC 1403 in GREEN from 11:20-11:50A

### **You Are The Director - Digital Movie Making And Editing**

Targeted age group for presentation: Grades 3 - 5

Come learn how to record, edit, and share videos via social media! We will show you the nuts and bolts of digital video filming and editing and give you a chance to make a movie of your own!

WDC 1404 in GREEN from 11:20-11:50A

## Virtual Reality

Targeted age group for presentation: Grades 6 - 12

A Powerpoint presentation on virtual reality through Google Cardboard.

WDC 1405 in GREEN from 11:20-11:50A

## How To Play Video Games With Bananas: A Guide To MaKey MaKey

Targeted age group for presentation: Any Age

Use any conductive material as a keyboard button with MaKey MaKey.

WDC 2001 in GREEN from 11:20-11:50A

## Building a Web Page Using HTML And CSS

Targeted age group for presentation: Grades 3 - 8

I will demonstrate how the basics of building a website using HTML and CSS programs.

WDC 2003 in GREEN from 11:20-11:50A

## The World Of 3D Printing

Targeted age group for presentation: Grades 6 - 8

Here in the world of 3D printing, we will teach you how 3D printing works and walk you through the steps of the process of making items with a 3D printer.

WDC 2004 in GREEN from 11:20-11:50A

## The Future Is Glass

Targeted age group for presentation: Grades 6 - 12

Learn about glass and how glass technology will shape our future.

WDC 2005 in GREEN from 11:20-11:50A

## Python For Beginners (Hands-On)!?!

Targeted age group for presentation: Any Age

Join us for a hands-on session and learn some basic programming with Python. Python is a remarkably powerful dynamic open source programming language that is used in a wide variety of application domains. YOU can download and continue to work with Python on your own!

WDC 2007 in GREEN from 11:20-11:50A

## We Mess With Kano

Targeted age group for presentation: Grades 6 - 8

Kano is DIY computer and it is a coding kit which allows to build speakers, make your own games and even change existing games' rules.

WDC 2605 in GREEN from 11:20-11:50A

### How To Make Easy Minecraft Animations With Mineamator

Targeted age group for presentation: Grades 6 - 8

Students will learn how to use Mineamator.

WDC 2607 in GREEN from 11:20-11:50A

### SIT Logo 2016 Design Contest (Hands-On)

Targeted age group for presentation: Any Age

Help design a logo for SIT 2016, where the conference theme will be "Crack The Code." We'll provide the computer lab, software and instruction if desired or the paper, crayons, markers, glue, glitter and more; you provide the creativity!

WDC 2608 in GREEN from 11:20-11:50A

### Video Yourself In A News Broadcast

Targeted age group for presentation: Any Age

During this hands on session you'll have the opportunity to participate in a mock television news broadcast!

WDC 3002 in GREEN from 11:20-11:50A

### Tips & Tricks For iOS 8

Targeted age group for presentation: Any Age

Do you have an iPhone, iPad, or iPod Touch? Come to TTFI8 (Tips and Tricks For IOS 8) and learn how to use iOS 8 on your – new or old – iPhone, iPad, or iPod Touch!

WDC 3003 in GREEN from 11:20-11:50A

### Coding the Computer With JavaScript

Targeted age group for presentation: Any Age

Ever want to create your own game? Learn to use a user friendly, easy to navigate language called JavaScript. In Coding the Computer you'll learn the basics of coding to do fancy things yourself.

WDC 3004 in GREEN from 11:20-11:50A

### <h1> Learn to Code, Game and be Awesome </h1> (Hands On)

Targeted age group for presentation: Grades 3 - 8

Learn to code without fear! In this introduction to code, learn the basic logic behind how to code a computer and how to design your own game. We will feature both Tynker and Lightbot, which make coding as simple as click and drag.

WDC 3601 in GREEN from 11:20-11:50A

### Travel The World With Google Earth

Targeted age group for presentation: Any Age

## **2015 IIT Conference at Heartland Community College in Normal, Illinois on February 21, 2015**

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Google Earth is a great tool for exploring some of the wonderful landmarks from around the world. Come learn how to navigate this free software, pin favorites, and even create tours of places far and near.

WDC 1001 in BLUE from 12:20-12:50P

### **Life's Little Emergencies I (Hands-On)**

Targeted age group for presentation: Any Age

Preregistration required (additional fee was charged). Preregistered participants participate in an interactive session on safety and first aid. We will look at a variety of resources and put together a mini first aid/safety kit (including antibiotic ointment, sunscreen, burn gel, bandages, earplugs, safety glasses, and more).

WDC 1005 in BLUE from 12:20-12:50P

### **Mystery Challenge (Hands-On)**

Targeted age group for presentation: Any Age

During this session you will complete a MYSTERY project according to the Challenge instructions provided! Prizes awarded for top competitors!

WDC 1006 in BLUE from 12:20-12:50P

### **Mystery Challenge (Hands-On)**

Targeted age group for presentation: Any Age

During this session you will complete a MYSTERY project according to the Challenge instructions provided! Prizes awarded for top competitors!

WDC 1400 in BLUE from 12:20-12:50P

### **Hospitality Room**

Targeted age group for presentation: Any Age

Stop into this room for help choosing/finding sessions. Water, snack and more available!

WDC 1401 in BLUE from 12:20-12:50P

### **Movie: The Lego Movie**

Targeted age group for presentation: Any Age

Join us to watch a part of The Lego Movie.

WDC 1403 in BLUE from 12:20-12:50P

### **You Can Do Lego WeDO!**

Targeted age group for presentation: Grades 3 - 5

Do you love to play and create with Legos? Have an interest in robotics or computer programming? If so, Lego WeDO's are FOR YOU! Come learn how Lego WeDO's can inspire your inner inventor and artist at the same time! We will give you a chance to build your own WeDO creating and program it! If WeDO, YOU can do it too!



WDC 1404 in BLUE from 12:20-12:50P

### **Everything LEGO!**

Targeted age group for presentation: Any Age

In this session we will introduce you to Everything LEGO! Be part of our LEGO challenge and learn more about our favorite LEGO apps and websites.

WDC 1405 in BLUE from 12:20-12:50P

### **Discover Powtoon - Learn How To Create Animated Presentations**

Targeted age group for presentation: Grades 6 - 12

See how to use the website Powtoon. Powtoon provides all the animation tools needed to create professional-looking animated explainer videos and animated presentations. From start to finish, you'll be guided through a surprisingly simple process, resulting in eye-catching videos that will hook your audience without fail.

WDC 1601 in BLUE from 12:20-12:50P

### **Sphero**

Targeted age group for presentation: Grades 3 - 8

The app-controlled ball that does it all.

WDC 2001 in BLUE from 12:20-12:50P

### **Hands-On With Autodesk Inventor**

Targeted age group for presentation: Grades 6 - 12

In this session you will be taught what AutoDesk Inventor is, some things you can do with it, and have time to work by yourself.

WDC 2003 in BLUE from 12:20-12:50P

### **Experience 3D Printing**

Targeted age group for presentation: Any Age

Learn about 3D printing - how to do, where to find the files and get to watch the things print.

WDC 2004 in BLUE from 12:20-12:50P

### **Rocking Your Router With DD-WRT**

Targeted age group for presentation: Grades 6 - 12

Learn about DD-WRT, a custom router firmware enabling you to do all sorts of cool things with your router. You will get a peak at all the cool features and find out how to do some basic stuff like setting up and installing DD-WRT on a router, setting up Dynamic DNS, and just using it as a regular primary router.

WDC 2005 in BLUE from 12:20-12:50P

### **Python For Beginners (Hands-On)!?!**

## 2015 IIT Conference at Heartland Community College in Normal, Illinois on February 21, 2015

Targeted age group for presentation: Any Age

Join us for a hands-on session and learn some basic programming with Python. Python is a remarkably powerful dynamic open source programming language that is used in a wide variety of application domains. YOU can download and continue to work with Python on your own!

WDC 2007 in BLUE from 12:20-12:50P

### Blender

Targeted age group for presentation: Any Age

See how to make 3D Models with a software called Blender. Also, learn about animation, 3-D imaging and more!

WDC 2608 in BLUE from 12:20-12:50P

### Video Yourself In A News Broadcast

Targeted age group for presentation: Any Age

During this hands on session you'll have the opportunity to participate in a mock television news broadcast!

WDC 3002 in BLUE from 12:20-12:50P

### Rise Of The LEGO Robots

Targeted age group for presentation: Any Age

Legos are not just for little kids anymore! In this exciting Lego robotics experience, upgrade from lifeless and boring blocks to creations moving at your control. In this session, you will learn to build, explore, and program Lego robots. Hope to see you there!

WDC 3003 in BLUE from 12:20-12:50P

### PIXEL PRESS - Create Your Own Video Game

Targeted age group for presentation: Any Age

Have you ever dreamed of designing your own video game? Now it's a reality. This gaming technology transforms sketches into a fun video game. In this session you will learn how to move from a blueprint to a masterpiece.

WDC 3004 in BLUE from 12:20-12:50P

### <h1> Learn to Code, Game and be Awesome </h1> (Hands On)

Targeted age group for presentation: Grades 3 - 8

Learn to code without fear! In this introduction to code, learn the basic logic behind how to code a computer and how to design your own game. We will feature both Tynker and Lightbot, which make coding as simple as click and drag.

WDC 3601 in BLUE from 12:20-12:50P

### Dream House With Google Sketchup

Targeted age group for presentation: Grades 3 - 8

## **2015 SIT Conference at Heartland Community College in Normal, Illinois on February 21, 2015**

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Make your dream house with Google Sketchup! Do you want to be an architect? Well, start now with Google Sketchup! You could make something big with just a couple of clicks. And it gets even better - a free download!

WDC 3602 in BLUE from 12:20-12:50P

### **The Beginning Of A New Era**

Targeted age group for presentation: Grades 9 - 12

Did you ever see random ones and zeroes in movies like The Matrix? For example: 01010011 01001001 01010100? We'll teach you how to read this type of code and how upcoming quantum computers will not be limited to only 1's and 0's.

WDC 3603 in BLUE from 12:20-12:50P

### **Need A Hand? The Past, Present, And Exciting Future Of Prosthetics**

Targeted age group for presentation: Grades 6 - 12

Need a hand? Have you ever wondered how fake limbs work and how they've evolved over time? Do you want to get up-to-the-minute information about prosthetics? If you answered yes to any of these questions, our session is perfect for you.

WDC 1602 in BLUE-PURPLE from 12:20-1:25P

### **Instabotics Challenge - Can You Build A Robot? (Hands On)**

Targeted age group for presentation: Any Age

Design and build a LEGO Mindstorms robot to compete against others in a mystery challenge! Learn the basics of building a Mindstorms NXT robot. Go through a robot build using 3 basic engineering principles: simple, solid and serviceable. Learn basic programming. Compete!

WDC 2006 in BLUE-PURPLE from 12:20-1:25P

### **Advanced Python (Hands-On)!?!**

Targeted age group for presentation: Any Age

Learn more advanced programming techniques. Join us for this hands-on session after you've gone to the beginners session. YOU can download and continue to work with Python on your own!

WDC 2601 in BLUE-PURPLE from 12:20-1:25P

### **Minecraft Challenge For Grades 3-5 (Hands-On)**

Targeted age group for presentation: Grades 3-5

Join us for a statewide hands-on Minecraft challenge during a double session! Each SIT site will choose a local building for their contestants to recreate. Builds will be completed individually and then judged. Win prizes! Contestants will be divided into the following grade groups: 3-5, 6-8 and 9-12. (Note: Plan to use YOUR Minecraft account for this competition; there will be limited conference accounts available.)

WDC 2602 in BLUE-PURPLE from 12:20-1:25P

## Minecraft Challenge For Grades 6-8 And 9-12 (Hands-On)

Targeted age group for presentation: Grades 6-12

Join us for a statewide hands-on Minecraft challenge during a double session! Each SIT site will choose a local building for their contestants to recreate. Builds will be completed individually and then judged. Win prizes! Contestants will be divided into the following grade groups: 3-5, 6-8 and 9-12. (Note: Plan to use YOUR Minecraft account for this competition; there will be limited conference accounts available.)

WDC 1001 in PURPLE from 12:55-1:25P

## Life's Little Emergencies II (Hands-On)

Targeted age group for presentation:

Preregistration required (additional fee was charged). Preregistered participants participate in an interactive session on safety and first aid. We will look at a variety of resources and put together a mini first aid/safety kit (including antibiotic ointment, sunscreen, burn gel, bandages, earplugs, safety glasses, and more).

WDC 1005 in PURPLE from 12:55-1:25P

## Mystery Challenge (Hands-On)

Targeted age group for presentation: Any Age

During this session you will complete a MYSTERY project according to the Challenge instructions provided! Prizes awarded for top competitors!

WDC 1006 in PURPLE from 12:55-1:25P

## Mystery Challenge (Hands-On)

Targeted age group for presentation: Any Age

During this session you will complete a MYSTERY project according to the Challenge instructions provided! Prizes awarded for top competitors!

WDC 1400 in PURPLE from 12:55-1:25P

## Hospitality Room

Targeted age group for presentation: Any Age

Stop into this room for help choosing/finding sessions. Water, snack and more available!

WDC 1401 in PURPLE from 12:55-1:25P

## Movie: The Lego Movie

Targeted age group for presentation: Any Age

Join us to watch a part of The Lego Movie.

WDC 1402 in PURPLE from 12:55-1:25P

## Lego Mindstorm EV3 And It's Different Robots

## **2015 IIT Conference at Heartland Community College in Normal, Illinois on February 21, 2015**

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Targeted age group for presentation: Grades 3 - 8

This presentation will show you some of the other versions of the EV3 instead of the original five models. This presentation also includes the EV3 Shell Game that hides a ball under a tire and then shuffles it with other tires. Can you outwit the game or will it outwit you?

WDC 1403 in PURPLE from 12:55-1:25P

### **Programming With Scratch**

Targeted age group for presentation: Grades 3 - 8

Scratch is a web-based GUI programming environment from MIT that allows you to easily insert pictures, music, interact with others, and save your work. All you need is Internet access and a web browser with Java. You can create your own projects or remix projects others have made!

WDC 1404 in PURPLE from 12:55-1:25P

### **Dub Step Made Easy**

Targeted age group for presentation: Any Age

Have you ever wanted to make your own sick beats? In this session we will show you how to make your own DubStep beats on both the iPad and your PC.

WDC 1405 in PURPLE from 12:55-1:25P

### **Be A Picture Pro With PiZap!**

Targeted age group for presentation: Any Age

Have you ever wanted to edit a picture but don't have the money for Photoshop or don't know how to use Paint.net? Well I've got just the thing for you and it's name is PiZap! PiZap is a free online photo editor with no downloads!

WDC 1601 in PURPLE from 12:55-1:25P

Targeted age group for presentation:

WDC 2001 in PURPLE from 12:55-1:25P

### **Using Sketch-Up With Google Earth**

Targeted age group for presentation: Grades 6 - 8

This presentation will provide an overview of designing 3-D buildings in Sketch-UP. A demonstration of Sketch-Up will be provided along with how to use Sketch-Up with Google Earth.

WDC 2003 in PURPLE from 12:55-1:25P

### **Experience 3D Printing**

Targeted age group for presentation: Any Age

Learn about 3D printing - how to do, where to find the files and get to watch the things print.

WDC 2004 in PURPLE from 12:55-1:25P

## Renewable Energy

Targeted age group for presentation: Any Age

Learn about renewable energy.

WDC 2005 in PURPLE from 12:55-1:25P

## Python For Beginners (Hands-On)!?!

Targeted age group for presentation: Any Age

Join us for a hands-on session and learn some basic programming with Python. Python is a remarkably powerful dynamic open source programming language that is used in a wide variety of application domains. YOU can download and continue to work with Python on your own!

WDC 2007 in PURPLE from 12:55-1:25P

## Why Buy A Computer Game When You Can Build Your Own With Friends?

Targeted age group for presentation: Grades 6 - 8

Have you ever wanted to create an online game but weren't sure where to start? In this workshop you'll learn about free open source tools you can use to make games or share games online. You'll also see fun video tutorials about writing and testing code.

WDC 2605 in PURPLE from 12:55-1:25P

## Magix Movie Edit Premium

Targeted age group for presentation: Grades 6 - 8

We will demonstrate a sample program on the Arduino Arno and then describe what this technology is used for and how it works.

WDC 2608 in PURPLE from 12:55-1:25P

## Video Yourself In A News Broadcast

Targeted age group for presentation: Any Age

During this hands on session you'll have the opportunity to participate in a mock television news broadcast!

WDC 3002 in PURPLE from 12:55-1:25P

## Drawdio - Drawing Audio

Targeted age group for presentation: Any Age

Drawing music with the touch of your fingertips. Drawdio uses a pencil, paper, electronics, and your body to create a musical circuit. From this experience you will learn about circuits and how they can be combined with music and art. (Please note that this is NOT the Hands-On Drawdio session for which preregistration was required.)

WDC 3003 in PURPLE from 12:55-1:25P

## Fun Activities With Star Wars

Targeted age group for presentation: Grades 3 - 5

Is the force with you? If so, join us for activities related to Star Wars. We will have hands on activities and show you interactive websites to bring out the Light or Dark side of the force within you! Fun you will have.

WDC 3004 in PURPLE from 12:55-1:25P

## <h1> Learn to Code, Game and be Awesome </h1> (Hands On)

Targeted age group for presentation: Grades 3 - 8

Learn to code without fear! In this introduction to code, learn the basic logic behind how to code a computer and how to design your own game. We will feature both Tynker and Lightbot, which make coding as simple as click and drag.

WDC 3601 in PURPLE from 12:55-1:25P

## Creating Webpages Using HTML

Targeted age group for presentation: Any Age

Learn how to create and host a webpage using HTML. Explore additional HTML features to create an attractive, dynamic and colorful webpage.

WDC 3602 in PURPLE from 12:55-1:25P

## Head Into Gaming!

Targeted age group for presentation: Grades 6 - 8

Immerse yourself in the world of videogames! The future of gaming is now! Learn how people are controlling games with just their mind and what is to come. Things such as the Oculus Rift, Emotive EPOC, and even the fictional nerve gear.

WDC 3603 in PURPLE from 12:55-1:25P

## Learn The Internet's Secrets

Targeted age group for presentation: Any Age

Learn tricks and tips about Youtube and Google that only a few people know. Join us and learn how to do fun stuff on the Internet when you're bored and learn cool secrets of the Internet to share with your friends. Note: we do not know all of the secrets, so feel free to come and share!