



## 2015 WALE Conference Pre-Conference Session Information Monday 10/26/2015

### All Day Workshop

9:00am-5:00pm

#### **Title: Lego my EggBot: STEAM Up Your Library with Robots**

Remember the TV series Lost in Space? Remember how awesome the robot was? Now robots are everywhere and gaining steam. Fueled by your imagination and in conjunction with the WA State Library's STEAM outreach program, this all day hands on session offers you the opportunity to learn programming fundamentals through a graphic interface; be creative using Inkscape, a vector graphic software; breathe life into a robot that you've built yourself; and draw on spherical objects in layers. So come be a kid again and build programmable robots using Lego's Mindstorm EV3 components and command a drawing robot called the EggBot Pro to be as creative as you are.

#### **Session Outcomes:**

Participants will come away with a basic understanding of programming in relation to robotic movements as well as a basic understanding of vector graphic drawing and how it can translate into robotic movements. They will gain insight through hands on involvement, how they can apply these STEAM tools at their library and hopefully, they will also re-engage the kid in them on several levels.

#### **Speakers:**

Joe Olayvar, Washington State Library

Evelyn Lindberg, Washington State Library

#### **Additional Information:**

-Provided robotic gear is limited, so participants will likely work in teams of 2 to 3

-Ideally, class size should be limited to 15, but we will try and accommodate up to 20 if needed

-For the EggBot portion, attendees should bring their own smooth spherical item to be drawn on per the following requirements:

- a) At, or between, the size of a ping pong ball and a standard incandescent light bulb
  - b) Must be very smooth and hard with no ridges of any kind
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## Afternoon Workshop

2:00pm-5:00pm

### **Title: Supercharge this guerrilla and join the parade! You – and your storytimes – will never be the same!**

Do your storytimes need a little lift? Do you want to validate your practice? Could you use some gentle peer power to energize your storytimes? Fear not! Help is at hand from Supercharged Storytimes and the Storytime Underground!

You've heard all the buzz but now you want to know more – how do I take my storytimes from super to superlative? Are they all they can be? Can planning storytimes really be more fun? Come to this pre-conference session where you will:

- Roll up your sleeves and catch the Supercharged bug as you experience the energizing effect of putting what you have learned into practice;
- Enter the liberating world of Guerrilla Storytimes and take a tour of the Storytime Underground;
- Learn new uses for props at storytimes and why they are important;
- Become a part of a growing grassroots community of storytime practitioners who have great ideas and share them;
- Discover free professional development opportunities, including Storytime University and earn a few badges while you're at it;
- Come away with a wealth of new online resources to make your storytimes better than ever;
- Join a parade (seriously!) to the Storytime Frenzy!

Your storytimes will never be the same – and neither will you!

### **Session Outcomes:**

1. Know how to make their storytimes more effective by incorporating the tools and techniques that are introduced at this session.
2. Learn new storytime activities and strategies.
3. Discover new resources and a community of practice that can make storytimes better than ever!

### **Speakers:**

Diane Hutchins, Washington State Library

Kendra Jones, Joint Chief/Blogger of Storytime Underground