

NAO Robots Fall 2016 – For Adults and Children

Only one introductory class is needed before moving on to lab work.
Registration for classes is required; visit www.wellesleyfreelibrary.org.
Want to leap in? Find Choregraphe available for download at
<https://www.wellesleyfreelibrary.org/the-robots-are-coming/>

SUNDAYS

Robot Demonstration – All Ages 2 PM, Children’s Room

Drop by to see Wellesley Free Library's NAO robots in action! These humanoid robots are hi-tech ambassadors that bring digital literacy to life. Curious? All are welcome to observe and interact with the robots at these brief demonstrations.

September 25; October 2, 9, 16, 23; November 20; December 4, 11.

MONDAYS

Meet the Robots! – Children (Ages 5 to 8) 3:30 PM – 4 PM, Craft Room

A first look at the robots for children and families.

September 19, 26; October 3, 17, 24; November 7, 14, 21, 28; December 5, 12.

Introduction to Choregraphe – Adult (Ages 18 +) 6:30 PM – 7:30 PM, Jackie’s Room

Learn the basics of Choregraphe, the software used to program the NAO robots. Participants will learn a simple program to make the robot speak and move. **September 19; October 3, 17, 31; November 14, 28, December 12.**

Introduction to Choregraphe– Teen (Ages 13 to 17) 6:30 – 7:30 PM, Jackie’s Room

Learn the basics of Choregraphe, the software used to program the NAO robots. Participants will learn a simple program to make the robot speak and move. **September 26; October 24; November 7, 21; December 5.**

TUESDAYS

Introduction to Choregraphe – Children (Ages 8 to 13) 4:15 PM – 5:15 PM, Jackie’s Room,

Now that you’ve met the robots, learn how to program them!

September 20, 27; October 4, 11, 18, 25; November 1, 8, 15, 22, 29; December 6, 13.

WEDNESDAYS

Robot Lab Sessions– All Ages – Jackie’s Room

Once you've learned the basics of Choregraphe, register for a hands-on session where you can run your program using one of the library's NAO robots, get help with troubleshooting and fine-tune your program. **Registration Required.**

- **Session A – 3:15 PM – 3:45 PM**
- **Session B – 3:45 PM – 4:15 PM**
- **Session C – 4:15 PM – 4:45 PM**

September 28; October 5, 12, 19, 26; November 2, 9, 16, 23, 30; December 7, 14.

FRIDAYS

Robot Demonstration – All Ages 4 PM, Children’s Room

Drop by to see the NAO robots in action! The humanoid robots are hi-tech ambassadors that bring digital literacy to life. All are welcome to observe and interact with the robots at this brief demo.

September 23, 30; October 7, 14, 21, 28; November 4, 18; December 2, 16.

SATURDAYS

Introduction to Choregraphe – All Ages 2 PM – 3 PM, Jackie’s Room

Learn the basics of Choregraphe to make the robots speak and move.

September 24; October 1, 8, 15, 22, 29; November 5, 19; December 3.

NAO ROBOTS

What are they?

NAO robots are hi-tech ambassadors that welcome everyone to explore the world of STEM by encouraging curiosity, excitement and a passion for figuring out "how?" "why?" and "what if?"

How do they work?

They work when you program them! The Robots can be programmed with Choregraphe - an easy to learn software application that allows anyone to create complex behaviors without writing a single line of code. More advanced programmers will discover the advantage of programming NAO using the Python SDK. In addition, a software package called Autism Solution for Kids (ASK NAO) can be used to support teachers of children with Autism and other special needs.

What if I don't want to learn how to code?

Not ready to program? Anyone can attend a Robot Demonstration in the Children's Room. These are drop-in and open to all.

How did they get here?

The robots are possible through a generous grant from the Wellesley Free Library Foundation, with funds raised at the 2016 Gala.

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