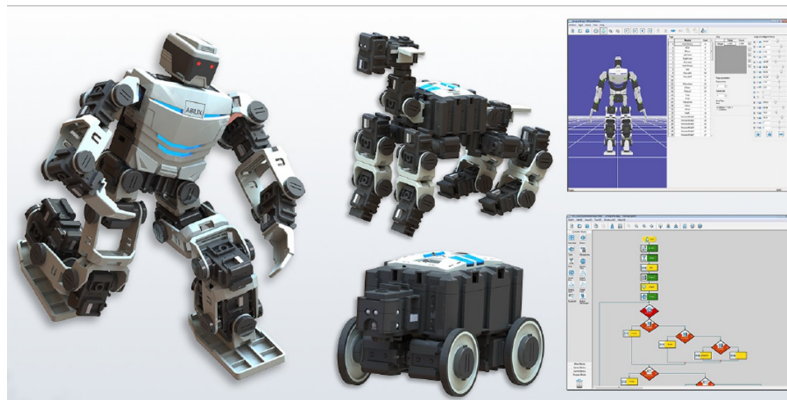


# STEM—Pilot Project

## Robotics and Coding



Science ☒ Technology ☒ Engineering ☒ Maths ☒



### Contact Details

Bernice Dixie (STEM Coordinator)  
bernice.dixie@educatorsolutions.org.uk  
01603 218757

### Audience

#### Primary

Headteacher, Deputy Headteacher,  
Class Teacher, NQT, Teaching Assistants

**Date:** Thursday 9th June 2016

**Time:** 3pm to 5pm

**Venue:** Norwich City Football Club, The Study Centre

**Cost:** Free

### Extra Information

LJ Create — <http://ljcreate.com/uk/programs/secondary-school/computer-science/computer-science-hardware>

LJ Create—<http://www.ljcreate.com/uk/component/virtuemart/231/20/middle-and-high-school/engineering-construction-kit-detail?Itemid=0>

**The Engineering Construction Kit and Educational Robotics Invention Kit (ERIK) offer the ability to teach pupils about basic technology / computer science skills and concepts to solve practical quests.**

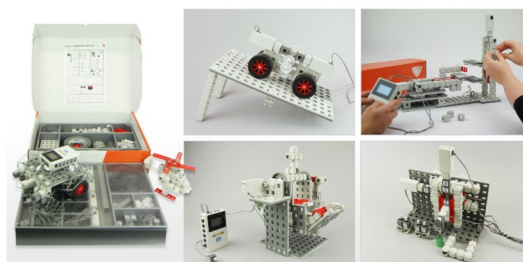
The Engineering Construction Kit and ERIK makes coding fun and easy to teach. Educating pupils on the fundamental principles of computer science via these unique, programmable, quick-fit construction kits which can be built into multiple exciting robots!

This event will inspire you and demonstrate how ERIK and the Construction Kit can be used to support the curriculum. This innovative STEM project has the potential to link to an international robotics competition involving China.

### Robotics and the Curriculum

There are many classroom based activities for both ERIK and the Engineering Construction Kit which meets the requirements of the National Curriculum (e.g. investigating designing, testing and debugging, algorithms and abstractions, materials and many more.)

There is also over 30 hours of practical programming resources available to support teachers. This pilot project also has the potential to offer an after schools Robotics club which could involve parents and the wider community.



**Robotics contest -**  
<http://www.wercontest.org/>



**For more information and to make a booking**  
**[www.educatorsolutions.org.uk](http://www.educatorsolutions.org.uk) or call 01603 307710**