



**Title: Lego Robotics Camp**  
**Date: Tuesday, August 24 to**  
**Thursday, August 26, 2010**  
**Time: 10:00 AM to 2:00 PM**  
**Location: Athabasca**  
**Regional Multiplex**  
**Ages: 6 to 14**  
**Limit: 25 children**  
**Cost: \$15 for all 3 days**

**Join Science Outreach – Athabasca in a fun filled three day robotics camp in 2010 that will:**

- **Provide a fun, safe, creative, hands-on learning experience**
- **Teach kids to experiment and overcome obstacles**
- **Build self-esteem and confidence**
- **Inspire kids to participate in science and technology**
- **Encourage cooperation (and maybe a little competition...)**

**Participants will learn how to:**

- **Think and work like scientist, engineers and Robots**
- **Translate plans to final computerized working devices**
- **Learn some basics of computer and robot programming**

**Using LEGO MINDSTORMS NXT products, participants will build a robot with applications that will allow the robot to sense direction, rotation, touch and colour. Upon completion, robots will be tested for how well they meet the specified behaviours—and perhaps compete with one another for robot supremacy!**

**Leader: Dr. Lisa Carter, Science Outreach – Athabasca.**  
**Equipment supplied by a grant from the Alberta Women's Science Network.**