

08/03/07



Seton F.I.R.S.T. 2007

Seton Middle School FIRST (For Inspiration and Recognition of Science and Technology) 07 Team is looking for Students to assist in solving the 2007 Power Puzzle challenge. Students interested in helping solve this puzzle should submit a short biography about themselves at the Seton FIRST 07 Team meeting on August 20<sup>th</sup>, 2007 6:00 PM.

Seton FIRST 07 is an innovative problem solving team looking for talented students to work through unique challenges. Each year FIRST challenges students across the country with science and technological problems. It will be up to you and your fellow students to solve these challenges in a fun and creative manner.

Information on the Power Puzzle can be found at the web links attached with this information. The Power Puzzle challenge will be announced some time in September. Seton FIRST is registered for the 2007 season and team members can plan on working through November to compete in a regional competition. FIRST 07 team members will participate in all areas of the Power Puzzle challenge: designing, building and programming a Lego Mindstorm NXT robot while researching and presenting solutions to the Power Puzzle challenge. Teamwork and professionalism during the competition to each other as well as to other teams is required. A typical week could involve 4 hours of designing and building robots, 2-3 hours of research, and 1-2 hours of practicing presentation skills.

Parents:

The 2007 challenge poses real world questions for your student to research, analyze and solve. It requires a fair amount of time and energy to field a successful team. The ultimate goal for everyone is inspiration and recognition while having fun. FIRST is much more than building Lego's. It is a challenge to inspire your students mind while working as a team to solve fun and exciting puzzles.

We would encourage you to take a few minutes with your student to read over the FIRST 2007 challenge web page. I have also included some Web links to offer training option and more information about Lego Mindstorm NXT robotics systems.

FIRST Home page

<http://www.firstlegoleague.org/default.aspx?pid=70>

Lego Site

<http://mindstorms.lego.com/>

Excellent training aide

[http://www.ortop.org/NXT\\_Tutorial/index.html](http://www.ortop.org/NXT_Tutorial/index.html)

Coach

Jill Ahles and John Ahles

**SETON FIRST 07 Biography**

Name \_\_\_\_\_

Grade \_\_\_\_\_

Lego building Experience

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Research experience

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Mindstorm NXT Programming skill

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Fun facts about you

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How does the FIRST 2007 Power Puzzle affect you?

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