

MN FIRST LEGO League 2006 Regional Award Winners - Mahtomedi

Research Project Award - is presented to the team whose presentation of research and conclusion best reflect an in-depth understanding of the research project. {Read short description of each before they present of why they won}

Winner Division 1: 2598 - Center Point Elementary Mining Nano's

- Entire team had in-depth knowledge of how their nan-tubes would work and presented their research in a fun and innovative manner.

Winner Division 2: 327 – Siemsen/Richert Homeschool BotZealots

- This team started with a strong, compelling explanation of the need for a better water filtration system. Their references were many and varied. Their displays were informative and concise. However, what singled this team out is the working model of the nano-technology solution, which they demonstrated during their presentation.

Team Work Award – is presented to the team that best exemplifies the meaning of teamwork. This team will exhibit the qualities that are present when a team is well coached, and coach and team work well together. This award is determined via the interview in the presentation area.

Winner Division 1: 3051 – Island Lake Elementary Neo Nano Squids

Winner Division 2: 2380 – Central Middle School White Bear Lake The Technical Tigers

1st Place Performance Award- is presented to the team whose robot finishes 1st in the head to head rounds.

Winner Division 1: 5488 – Island Lake Elementary Atomic Legos -- 297

Runnerup 3051 – Island Lake Elementary Neo Nano Squids -- 203

Winner Division 2: 327 – Siemsen/Richert Homeschool BotZealots -- 355

Runnerup: 602 - Lakers Blue -- 233

Technical awards (Design, programming and innovative design) are determined by the technical judges.

Design Award: is presented to the team whose understanding and application of sound mechanical principles produces the most solid, predictable, and dependable design.

Winner Division 1: 3051 – Island Lake Elementary Neo Nano Squids

Winner Division 2: 327 – Siemsen/Richert Homeschool BotZealots

Innovative Design Award: - is presented to the team best demonstrating its ability to use a creative design, component, or unique strategy of play for the most original approach to solving the *Challenge Missions*.

Winner Division 1: 1893 – St. Croix Catholic School Nano Knights

- use of complex programming structures self-calibrating light sensor closed-loop control for line-following

Winner Division 2: 603 – Ordean Middle School Lakers Yellow

- Very stable, RCS-based robot with simple, mechanically accurate attachments which allowed their robot to accomplish more missions without adding more sensors or motors.

Programming Award: is presented to the team best demonstrating an in-depth understanding of sound programming principles and applications for unique or exceptional execution of the *Challenge Missions*.

Winner Division 1: 1781 Valentine Hills Elementary - Robotic Einsteins

Winner Division 2: 327 – Siemsen/Richert Homeschool BotZealots

Judges' award is presented at the discretion of the judges to award special or unique solutions or teams. It is not by division, 2 overall per tournament.

Winner: 600 – Ordean Middle School Lakers Red

- Incredible ability to make treads work - very robust design - perhaps a bit too vigorous as it tore apart some field elements.

Winner : 602 – Ordean Middle School Lakers Blue

- Everyone on the team seemed to share in the whole project - both research and robot design, which showed in a consistent performance.

Team Spirit Award - is presented to the team best demonstrating the spirit of FLL by extraordinary enthusiasm and spirit both within their own team and in their support and encouragement of fellow teams. One winner overall for tournament.

Winner : 5659 – Turtle Lake Elementary The Pizza Molecules

Teams Advancing to State

Div 1:

3051 – Island Lake Elementary Neo Nano Squids

1893 – St. Croix Catholic School Nano Knights

2598 Center Point Elementary Mining Nano's

1781 Valentine Hills Elementary - Robotic Einsteins

Div 2:

327 – Siemsen/Richert Homeschool BotZealots

2380 – Central Middle School White Bear Lake The Technical Tigers

603 – Ordean Middle School Lakers Yellow

600 – Ordean Middle School Lakers Red