



# HIGH TECH KIDS

BUILD. CREATE. THRIVE.™

## 2009/10 State Championship Awards

### ***Research Awards***

In addition to building robots, teams are also given a research assignment to help them to understand how science and technology is applied in the real world. This year's challenge was called Smart Move.

The research challenge was to look at their community and discover how people, animals, information, and things travel. One mode of transportation was chosen by the team and they did some research. By identifying a problem, creating an innovative solution, and sharing this with others, teams learned how they can have a great impact in their very own communities.

### **Research Quality Award**

The Research Quality Award is presented to the team that best develops an in-depth and thorough understanding of this Research Challenge. They have the best explanation from their teams' point of view and Solution to the Research Challenge.

<b>Division 1</b>	
<b>Finalists</b>	7036 - INFERNO LEGOS 8967 - Terrific Turbo Turtles 4960 - Flying Banana Splits 7533 - Wolves on Wheels
<b>Winner</b>	4960 - Flying Banana Splits
<b>Division 2</b>	
<b>Finalists</b>	46 - Robo Rebels 5433 - DUCK with the HUD 1132 - Flying Pigs
<b>Winner</b>	5433 - DUCK with the HUD

## ***Innovative Solution Award***

The Innovative Solution Award is presented to the team that has the most thought provoking and innovative resolution to the research challenge assignment. The judges are not only looking for creative ideas, but an examination of all the issues required to implement the solution.

<b>Division 1</b>	
<b>Finalists</b>	3991 - Lego Lights 7036 - INFERNO LEGOS 8894 - Twiz Bots 7907 - Big Bad Super Bot Crushers
<b>Winner</b>	7036 - INFERNO LEGOS
<b>Division 2</b>	
<b>Finalists</b>	5433 - DUCK with the HUD 306 - Hydrogen Peroxide 46 - Robo Rebels
<b>Winner</b>	46 - Robo Rebels

## ***Creative Presentation Award***

The Creative Presentation Award is presented to the team with the most imaginative and creative presentation demonstrating the teams' research and solution to the Research Challenge Assignment.

<b>Division 1</b>	
<b>Finalists</b>	9206 - Rouge Robots 3815 - The Atomic Penguins 957 - Brick Masters 3078 - Steel Claws
<b>Winner</b>	3078 - Steel Claws
<b>Division 2</b>	
<b>Finalists</b>	327 - The Things 2496 - Techno Travelers 4503 - Fish in the Boat
<b>Winner</b>	2496 - Techno Travelers

## ***Team Work Award***

The teamwork award is presented to the team that best exemplifies the meaning of teamwork. Teamwork is the key to a successful team but very hard to do. It's important to recognize teams that do it well. Teamwork is judged by judges in the presentation area and by roving judges that observe the team in action throughout the day.

<b>Division 1</b>	
<b>Finalists</b>	9719 - Rocket-Powered Ripstiks 7533 - Wolves on Wheels 7036 - INFERNO LEGOS 8967 - Terrific Turbo Turtles
<b>Winner</b>	8967 - Terrific Turbo Turtles
<b>Division 2</b>	
<b>Finalists</b>	2496 - Techno Travelers 327 - The Things 8209 - Half Sane
<b>Winner</b>	327 - The Things

## ***Robot Performance Award***

The Robot performance awards are presented to the top 3 teams in the head to head rounds. These teams survived the tough competition in these afternoon matches and came out on top.

<b>Division 1</b>	
<b>3rd Place</b>	3078 - Steel Claws
<b>2nd Place</b>	4960 - Flying Banana Splits
<b>1st Place</b>	9206 - Rouge Robots
<b>Division 2</b>	
<b>3rd Place</b>	327 - The Things
<b>2nd Place</b>	3629 - Cavemen 2.0
<b>1st Place</b>	306 - Hydrogen Peroxide

## ***Team Spirit Award***

The Team Spirit award is presented to the team best demonstrating extraordinary enthusiasm and spirit both within their own team and in their support and encouragement of fellow teams. The Team Spirit award is selected by the referees who observe the spirit shown by all teams in the performance arena, cheering on their teams and robots.

<b>Division 1</b>	
<b>Winner</b>	8646 - Purple Peace Peeps
<b>Division 2</b>	
<b>Winner</b>	4739 - Dangerous Duct tape Doodles

## ***Sportsmanship Award***

The Sportsmanship Award is presented the teams best showing good sportsmanship. Good sportsmanship occurs when teammates, opponents, coaches, and officials treat each other with respect. This may be for a specific incident or an overall attitude of great sportsmanship.

<b>Div 1</b>	
<b>Reason</b>	Professionalism and respect in the performance area towards other teams.
<b>Winner</b>	1242 - Bot Bashers
<b>Div 2</b>	
<b>Reason</b>	Professionalism and respect in the performance area towards other teams.
<b>Winner</b>	4877 - DITSci Chx

## ***Technical Awards***

The technical awards, for design and programming, are judged in the Technical Judging area.

### **Quality Design Award**

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

<b>Division 1</b>	
<b>Finalists</b>	7991 - Robot Squad 2805 - C4 7212 - Lego Patrol 4464 - The NXT Generation
<b>Winner</b>	4464 - The NXT Generation
<b>Division 2</b>	
<b>Finalists</b>	2496 - Techno Travelers 4739 - Dangerous Duct tape Doodles 306 - Hydrogen Peroxide
<b>Winner</b>	306 - Hydrogen Peroxide

## ***Innovative Design Award***

The Innovative Design Award is presented to the team that best demonstrates its ability to use a creative design, component or unique strategy of play when solving the Challenge missions.

<b>Division 1</b>	
<b>Finalists</b>	8894 - Twiz Bots 7907 - Big Bad Super Bot Crushers 7991 - Robot Squad 7036 - INFERNO LEGOS
<b>Winner</b>	8894 - Twiz Bots
<b>Division 2</b>	
<b>Finalists</b>	4503 - Fish in the Boat 2496 - Techno Travelers 5874 – Stormbots
<b>Winner</b>	4503 - Fish in the Boat

## **Programming Award**

The Programming Award is presented to the team best demonstrating an in-depth understanding of sound programming principles. The programs written by the teams will enable the robot to consistently

complete complex tasks. Programming robots is a notoriously difficult problem and this award recognizes teams that excelled at this task.

<b>Division 1</b>	
<b>Finalists</b>	7533 - Wolves on Wheels 7212 - Lego Patrol 9719 - Rocket-Powered Ripstiks 9229 - Robo Transit
<b>Winner</b>	9229 - Robo Transit
<b>Division 2</b>	
<b>Finalists</b>	5433 - DUCK with the HUD 8209 - Half Sane 4877 - DITSci Chx
<b>Winner</b>	4877 - DITSci Chx

## ***Judges' Award***

The Judges award is a free-form award selected by the judges to recognize significant team accomplishments that may not fit other categories. Four judges awards are given.

<b>Reason</b>		<b>Winner</b>	
<b>Reason</b>	7533 - Wolves on Wheels	<b>Winner</b>	Consistently rated highly by judges in all categories and finalists in 5 categories.
<b>Reason</b>	9719 - Rocket-Powered Ripstiks	<b>Winner</b>	Coming third overall and receiving several finalist callbacks.
<b>Reason</b>	8209 - Half Sane	<b>Winner</b>	Scored well above average in all categories and the subjective judges considered them one of our top teams.
<b>Reason</b>	3629 - Cavemen 2.0	<b>Winner</b>	High scoring team that continues to perform well in many categories. Moreover, their chosen robot platform is still RCX based...

## ***The Champion's Award***

The Champion's Award is the Grand Champion; this is presented to the team that best combines performance in the competitive aspects of FLL, and represents the true meaning of FLL in its enthusiasm and inspiration to others.

Here are the Champion Award Finalists and winners.

<b>Division 1</b>	
<b>Finalists</b>	7212 - Lego Patrol 4960 - Flying Banana Splits 7533 - Wolves on Wheels 9719 - Rocket-Powered Ripstiks 2805 - C4
<b>Winner</b>	7212 - Lego Patrol
<b>Division 2</b>	
<b>Finalists</b>	327 - The Things 5433 - DUCK with the HUD 2496 - Techno Travelers 4503 - Fish in the Boat
<b>Winner</b>	327 - The Things