

PUBLIC HEARING AND CITY COUNCIL MEETING
Tuesday, February 21, 2012 7:00 p.m.
Public Works Building
10246 N Canyon Road, Cedar Hills, Utah

This meeting may be held electronically via telephone to permit one or more of the council members to participate.

NOTICE is hereby given that the City Council of the City of Cedar Hills, Utah, will hold a public hearing in connection with their Regular City Council Meeting on Tuesday, February 21, 2012, beginning at 7:00 p.m.

COUNCIL MEETING

1. Call to Order, Invocation and Pledge
2. Public Comment: Time has been set aside for the public to express their ideas, concerns, and comments (comments limited to 3 minutes per person with a total of 30 minutes for this item)

PUBLIC HEARING(S)

3. Jacobs Annexation Located at Approximately 10018 North and 4800 West
4. Preliminary Plan for Bridgestone, Plat C, Located at Approximately 9601 North and 4500 West - CANCELLED

CONSENT AGENDA

5. Minutes from the February 7, 2012, City Council Meeting

SCHEDULED ITEMS

6. Review/Action on an Ordinance Approving the Annexation of Certain Properties (Jacobs Annexation)
7. Discussion on the Civic Center Preliminary Study and Analysis
8. Presentation on a Lego League
9. Review/Action on Completing the Basement of the Community Recreation Center
10. City Manager Report and Discussion

MAYOR AND COUNCIL REPORTS

11. Board and Committee Reports

EXECUTIVE SESSION

12. Motion to go into Executive Session, Pursuant to Utah State Code 52-4-204 and 52-4-205
* * * EXECUTIVE SESSION * * *
13. Motion to Adjourn Executive Session and Reconvene City Council Meeting

ADJOURNMENT

14. Adjourn

Posted this 17th day of February, 2012.

Kim E. Holindrake, City Recorder

- Supporting documentation for this agenda is posted on the City's Web Site at www.cedarhills.org.
- In accordance with the Americans with Disabilities Act, the City of Cedar Hills will make reasonable accommodations to participate in the meeting. Requests for assistance can be made by contacting the City Recorder at 801-785-9668 at least 48 hours in advance of the meeting to be held.
- The order of agenda items may change to accommodate the needs of the City Council, the staff, and the public.



CITY OF CEDAR HILLS

TO: Mayor Richardson, City Council, and Staff
FROM: Kim E. Holindrake, City Recorder
DATE: February 14, 2012

City Council Memorandum

SUBJECT: Jacobs Annexation (10018 N and 4800 West)
APPLICANT PRESENTATION:
STAFF PRESENTATION: Kim E. Holindrake, City Recorder

BACKGROUND AND FINDINGS:

On January 17, 2012, the City Council adopted a resolution of intent to annex this property into the City. On January 26, 2012, a Notice of Intent to Annex was published for three successive weeks in the Daily Herald, noticed on the Utah Public Notice Website and the City's web site, posted in the City offices, and mailed to affected entities and the property owners. The remaining process is as follows:

- Hold a public hearing to receive public comment.
- Upon conclusion of the public hearing, adopt an ordinance approving the annexation of the area.
- Send the Notice of an Impending Boundary Action, the ordinance, and map to the Lt. Governor's office, who will issue a certificate of annexation within 10 days.
- Mail a copy of the certificate of annexation to any possible affected entity.
- All documents are then recorded at the Utah County Recorder's office.

SUPPORTING DOCUMENTS:

- Proposed ordinance with map
- Notice of an Impending Boundary Action

RECOMMENDATION

To approve the ordinance.

MOTION

To approve Ordinance No. _____, an ordinance approving the annexation of certain properties into the boundaries of the City of Cedar Hills, Utah, (Jacobs Annexation) and establishing the zone classification for said property.

ORDINANCE NO. _____

AN ORDINANCE APPROVING THE ANNEXATION OF CERTAIN PROPERTIES INTO THE BOUNDARIES OF THE CITY OF CEDAR HILLS, UTAH, (JACOBS ANNEXATION) AND ESTABLISHING THE ZONE CLASSIFICATION FOR SAID PROPERTY.

WHEREAS, section 10-2-418 of Utah Code Annotated 1953, as amended, authorizes municipalities to annex an unincorporated area that is contiguous to the municipality into its boundaries without a petition where the area is no more than 50 acres and the county and the municipality agree that the area should be include within the municipality; and

WHEREAS, all owners of property within the area to be annexed have agreed to the annexation; and

WHEREAS, the City has provided all notices required and held all hearings required by Utah Code Ann. 10-2-418; and

WHEREAS, the City Council desires to adopt an ordinance annexing said real property described therein.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CEDAR HILLS, UTAH COUNTY, STATE OF UTAH:

**PART I
FINDINGS AND ANNEXATION**

Section 1. The City Council finds:

- (a) That on January 17, 2012, the City adopted Resolution No. 1-17-2012A indicating its intention to annex the property described herein;
- (b) That the City Recorder published a Notice of Intent to Annex once a week for three consecutive weeks in a newspaper of general circulation noticing a public hearing for February 21, 2012, and posted the notice on the Utah Public Notice Website for three weeks;
- (c) That notice was sent to the appropriate entities that might be affected by the proposed annexation;
- (d) That 100% of the owners of the total private land area within the entire area proposed for annexation have consented in writing to the annexation, and therefore the City Council will not allow or accept protests;
- (e) That this annexation will not cause an automatic annexation to a local district under § 17B-1-416;

- (f) That Utah County agrees that the area should be included within the City of Cedar Hills, Utah; and
- (g) That a public hearing was properly noticed and held on February 21, 2012, regarding the proposed annexation.

Section 2. The City Council, finding that the requirements under Utah Code Ann. 10-2-418 have been met, hereby annexes approximately 3.371 acres of certain contiguous real property on 4800 W. and south of Cedar Hills Drive adjacent to Cedar Hills, Utah, into the boundaries of the City, the property being more particularly described as follows:

Beginning at the West quarter corner of Section 6, Township 5 South, Range 2 East, Salt Lake Base and Meridian;

thence North 00°02'42" West along section line a distance of 225.14 feet; thence along the Cedar View Annexation as recorded in the office of the Utah County Recorder the following two courses and distances: 1) North 89°29'07" East 439.36 feet and 2) South 00°02'21" East 225.22 feet; thence along the 4800 West Annexation as recorded in the office of the Utah County Recorder the following three courses and distances: 1) South 89°24'34" West 76.17 feet, 2) South 00°01'54" East 132.00 feet, and 3) South 89°29'34" West 363.00 feet to section line; thence North 00°06'13" West along section line a distance of 132.02 feet to the point of beginning.

Area = 3.371 acres

Section 3. The City Council directs the City Recorder to, within 30 days of enactment of this ordinance, file with the Utah Lieutenant Governor's office (1) a notice of an impending boundary action and (2) a copy of an approved final local entity plat, both of which shall meet the requirements of Utah Code § 67-1a-6.5.

Section 4. Upon receipt of a certificate of annexation from the lieutenant governor, the City Recorder shall submit to the Utah County Recorder the original (1) notice of an impending boundary action sent to the lieutenant governor, (2) certificate of annexation, and (3) approved final local entity plat and a certified copy of this annexation ordinance.

Section 5. The City Council further directs the City Recorder to send notice of the certified annexation to all of the following within 30 days of the adoption of this annexation ordinance: (1) Utah County Clerk; (2) any local district or special district whose boundaries include any part of the annexed area; (3) the Alpine School District; and (4) any municipality whose boundaries are within one-half mile of the annexed area.

Section 6. The City Council determines that the proposed annexation area is in need of municipal-type services, that the City is capable of providing those services, and said annexation area shall henceforth be subject to all of the ordinances and regulations of the City.

Section 7. The territory annexed herein is hereby classified in the SC-1 Shopping Center Zone.

**PART II
ADOPTION**

A. CONFLICTING PROVISIONS

All ordinances, orders, and regulations or parts thereof heretofore adopted or passed that are in conflict herewith are, to the extent of such conflict, hereby repealed. Such action shall not be construed so as to revive any ordinance, order, regulation or part thereof heretofore repealed.

B. PROVISIONS SEVERABLE

It is hereby declared that all parts of this Ordinance are severable; and if any section, clause, or provision of this Ordinance shall, for any reason, be held to be invalid or unenforceable, the invalidity or unenforceability of any such section, clause, or provision shall not affect the remaining sections, clauses, or provisions of this Ordinance.

C. EFFECTIVE DATE

This Ordinance shall take effect immediately upon its passage and publication as required by law.

PASSED, APPROVED, AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF CEDAR HILLS, UTAH, THIS 21ST DAY OF FEBRUARY, 2012.

Eric Richardson, Mayor

ATTEST:

Kim E. Holindrake, City Recorder

NOTICE OF AN IMPENDING BOUNDARY ACTION AND REQUEST FOR
CERTIFICATION BY THE CITY OF CEDAR HILLS, UTAH

Pursuant to the provisions of Utah Code Ann. §10-2-418, §10-2-425, and § 67-1a-6.5, the City of Cedar Hills, Utah County, Utah (the "City"), a body corporate and politic of the State of Utah, hereby gives notice to the Utah Lieutenant Governor, that on February 21, 2012, the City Council adopted an Ordinance approving the annexation of certain property into the boundaries of the City.

Accompanying this Notice is a copy of the Ordinance approving the annexation of certain property into the boundaries of the City of Cedar Hills, Utah, together with a copy of an approved final local entity plat showing the as-modified boundaries of the City, prepared and certified by a licensed surveyor and approved by the Utah County Surveyor consistent with §17-23-20.

I hereby certify that the City of Cedar Hills, Utah County, Utah, has completed all of the legal requirements necessary for the annexation herein described.

Dated this ____ day of February, 2012.

CITY OF CEDAR HILLS, UTAH

Eric Richardson, Mayor

ATTEST:

Kim E. Holindrake, City Recorder



CITY OF CEDAR HILLS

TO:	Mayor & City Council
FROM:	Konrad Hildebrandt, City Manager
DATE:	February 21, 2012

City Council Agenda Item

SUBJECT:	Discussion on the Civic Center Preliminary Study and Analysis
STAFF PRESENTATION:	Mr. Brad Kearl, Building and Zoning Administrator
BACKGROUND AND FINDINGS:	See enclosed
PREVIOUS LEGISLATIVE ACTION:	NONE
FISCAL IMPACT:	TBD
SUPPORTING DOCUMENTS:	See enclosed analysis
RECOMMENDATION:	Recommend approval to proceed with a Civic Center



CITY OF CEDAR HILLS

As requested by the City Council, staff researched and composed an analysis addressing the City's need for a basic, yet functional and safe facility to better serve our residents, and to responsibly house all the administrative staff and a Council/resident meeting room for functions and activities.

2001, the City of Cedar Hills built the Public Safety building with Public Safety impact fee money, with the intention and anticipation of the fire and police departments' inevitable expansion. Meanwhile, the city would use the facility for the City offices. Converting the bedrooms to office space, and the training room for meetings and City Council, the City made do with its appropriate staff.

Previously, all employees worked out of the Public Safety building. Due to growth of the city as well as safety, level of service, and cost, there was a need to build a Public Works building to house equipment and those employees.

Currently the City has 25 full time employees, of which 12 are administrative employees. Temporarily some administrative employees are housed at the Public Works building to free up space. By staffing this way in the short term, the City has been able to continue to maintain its level of service. The City has a very low staff to resident ratio which requires most employees to do multiple jobs or tasks. The public safety building is now home to 4 full-time firefighters, including their training facilities, most administrative staff, including storage space, and a very restricted "conference/kitchen" area.

To plan for the City's needs at build out requires work spaces for approximately 4-5 additional administrative employees.

The proposed Civic Center would allow for a basic, yet flexible community resource that can be utilized for a variety of functions such as a Council Chamber, complete with a proper dais, a community gathering space for different programs, a training facility, a municipal court capability and a conference room that will safely accommodate residents in addition to the Council and required staff. The building would also be able to provide office and storage space for all administrative departments. By providing a single building to accommodate all administrative departments, the internal communication and employee cohesiveness will improve, which will raise our level of service overall.

The Civic Center will be designed with an element of safety and security for residents, the city's employees and the Council.

CEDAR HILLS CIVIC CENTER

The building will need to meet the needs of a City Council chambers/residents meeting room and city offices, including; city administration, finance, building/zoning, city recorder, business license and community services. Plus work space for future offices for build out.

Office Space Needs:

Staff/Function

Council Chambers

Reason:

5 Council/Mayor, Dais, Recorder, 4 Staff, up to 80 residents

Office Staff

Reception/Entry/Foyer

Front desk, foyer and waiting area

City Manager

Office/Work space, cabinets, secured files, private meeting

Assist. City Manager

Office/Work space

City Recorder

Office/Work space and rolling cabinets/ storage

Finance Director

Work space and secured area for private/financial info

Financial Analysts (2)

(2) Stations/Desks, Work space and storage cabinets

Business License

Office/Work space with file cabinets

Comm. Service Dir.

Office/work space to organize events and activities

Building/Zoning

Office/work space, plans table, contractors meeting

Interns/add staff

(5) additional work spaces at build out - 180sq.ft. each

Utility Rooms

Break Room/Kitchen

Basic Kitchen / lunch room with a table and some chairs

Bathrooms (4)

(1) Men (1)Woman/main, (1) Unisex/Council rm, (1) Unisex/down

Mechanical Rm

Furnaces / Water Heater

Janitorial closet

Mop sink, cleaning cabinet and supplies

A/V and IT closet

Servers, work station, a/c, phone board

Mail/Copy Room

Copier, mail boxes, stamp machine, supplies, counter, etc.

Storage Rooms

Recorder, B&Z, Comm Ser., City Office, Misc. supplies

Comms, Halls, Stairs

Staff training and Common areas



CITY OF CEDAR HILLS

TO: Mayor Richardson, City Council, and Staff
FROM: Kim E. Holindrake, City Recorder
DATE: February 17, 2012

City Council
Memorandum

SUBJECT: Lego League
APPLICANT PRESENTATION:
STAFF PRESENTATION: Stephanie Martinez, City Council

BACKGROUND AND FINDINGS:
Councilmember Martinez will present information regarding a Lego League.

PREVIOUS LEGISLATIVE ACTION:

FISCAL IMPACT:

SUPPORTING DOCUMENTS:

- Lego League information

RECOMMENDATION

MOTION



The Cyborgs watch as a judge evaluates their robot missions.

2010-2011 facts

- 17,100 teams worldwide
- 171,000 middle school students
- 50+ countries
- 111 championships
- 540+ qualifying events

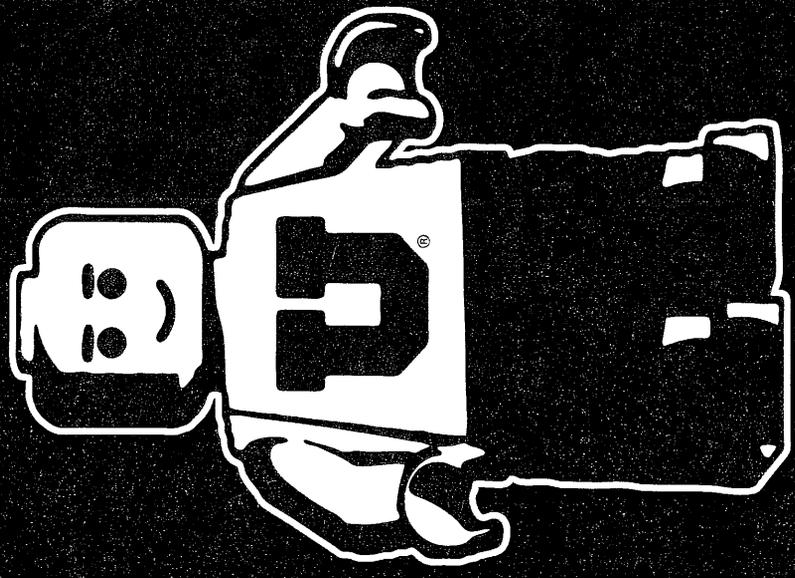
3... 2... 1... LEGO!

- Register a team
- Volunteer
- Coach a team
- Be a mentor
- Donate
- Host an event
- Get involved

Contact us

Utah FIRST® LEGO® League
 c/o Technology Venture Development
 University of Utah
 105 Fort Douglas Blvd. #604
 Salt Lake City, UT 84113

phone: 801-585-3198
 fax: 801-587-5848
 e-mail: utfl@utah.edu



Utah
 FIRST® LEGO®
 League



www.utfl.utah.edu

What is FIRST® LEGO® League?

FIRST® LEGO® League (FLL) is an exciting global robotics and innovation program that ignites an enthusiasm for discovery, science, teamwork and technology in kids ages 9 to 14 (16 outside of the U.S. and Canada).

Students have the opportunity to solve real-world challenges by building LEGO-based robots to complete tasks on a thematic playing surface. FLL teams, guided by their imaginations and adult coaches, discover exciting career possibilities and, through the process, learn to make positive contributions to society.

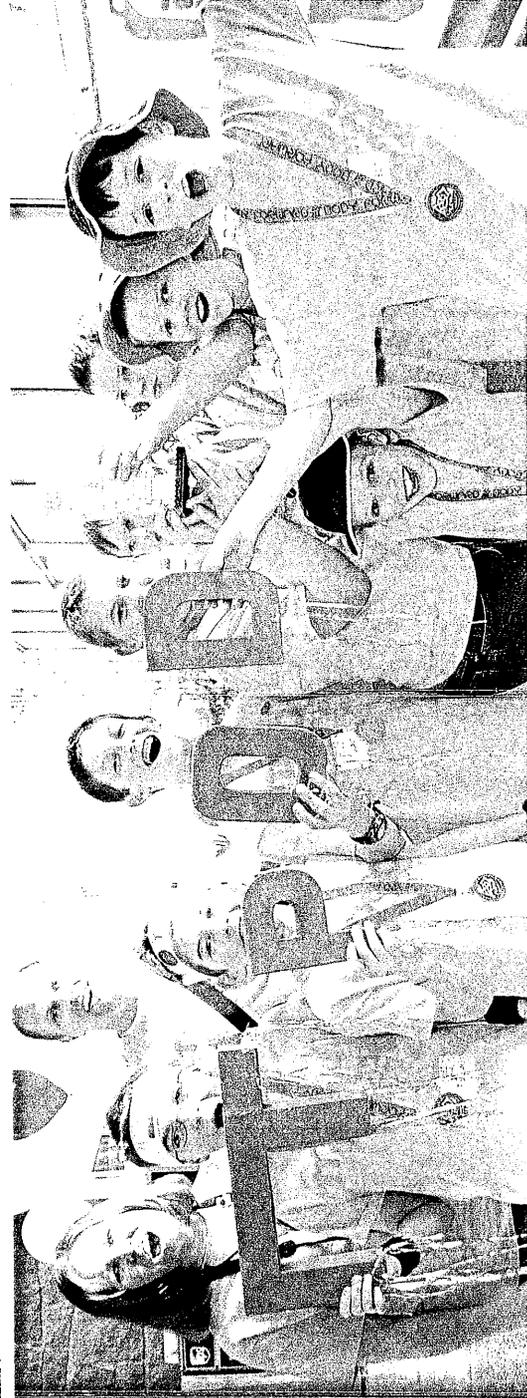
Who participates in FLL?

Teams self organize with 3-10 kids ages 9-14. Coaches can be parents, teachers or volunteers. Teams recruit mentors and volunteers to advise and support them.

Get involved!

No matter who you are or what you do, we have a place for you at FLL. We welcome teams, coaches, volunteers, sponsors, mentors, students and anyone else with a passion for science, innovation and — of course — LEGOs. Learn more by visiting our website at www.utfl.utah.edu.

www.utfl.utah.edu



Team PiPOD won first place overall at the 2010-2011 Utah FIRST® LEGO® League Championship on Jan. 29, 2011.

FIRST® LEGO® League offers

- Discovery of the fun in science, technology, research and innovation
- Real-world application of science, research, teamwork and math concepts
- Hands-on problem solving
- Programming and engineering experience
- Innovation project presentation
- Adult role models
- Teamwork skills
- Self-esteem and confidence

When does this all happen?

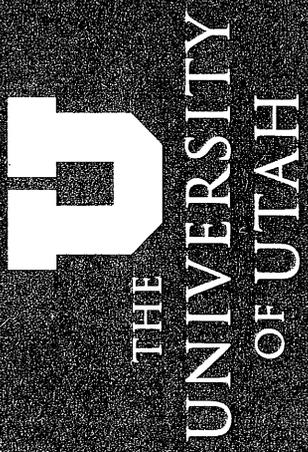
Registration for each year begins in May. Teams compete in regional qualifiers during December/January. Winning teams advance to the Utah FLL Championship at the University of Utah at the end of January. In addition, the University of Utah hosts a summer coaches workshop.

The University of Utah's involvement

The University of Utah and its office of Technology Venture Development believe that innovation and the pursuit of new ideas is the cornerstone of Utah's economic future. As a recognized leader at starting technology companies based on its research, we are uniquely aware of the power of innovation. We also believe our youth have the promise and motivation to continue this trend. The University of Utah is proud to partner with FIRST® LEGO® League to bring the FLL program to Utah and is actively engaged in bringing innovation opportunities to our community.

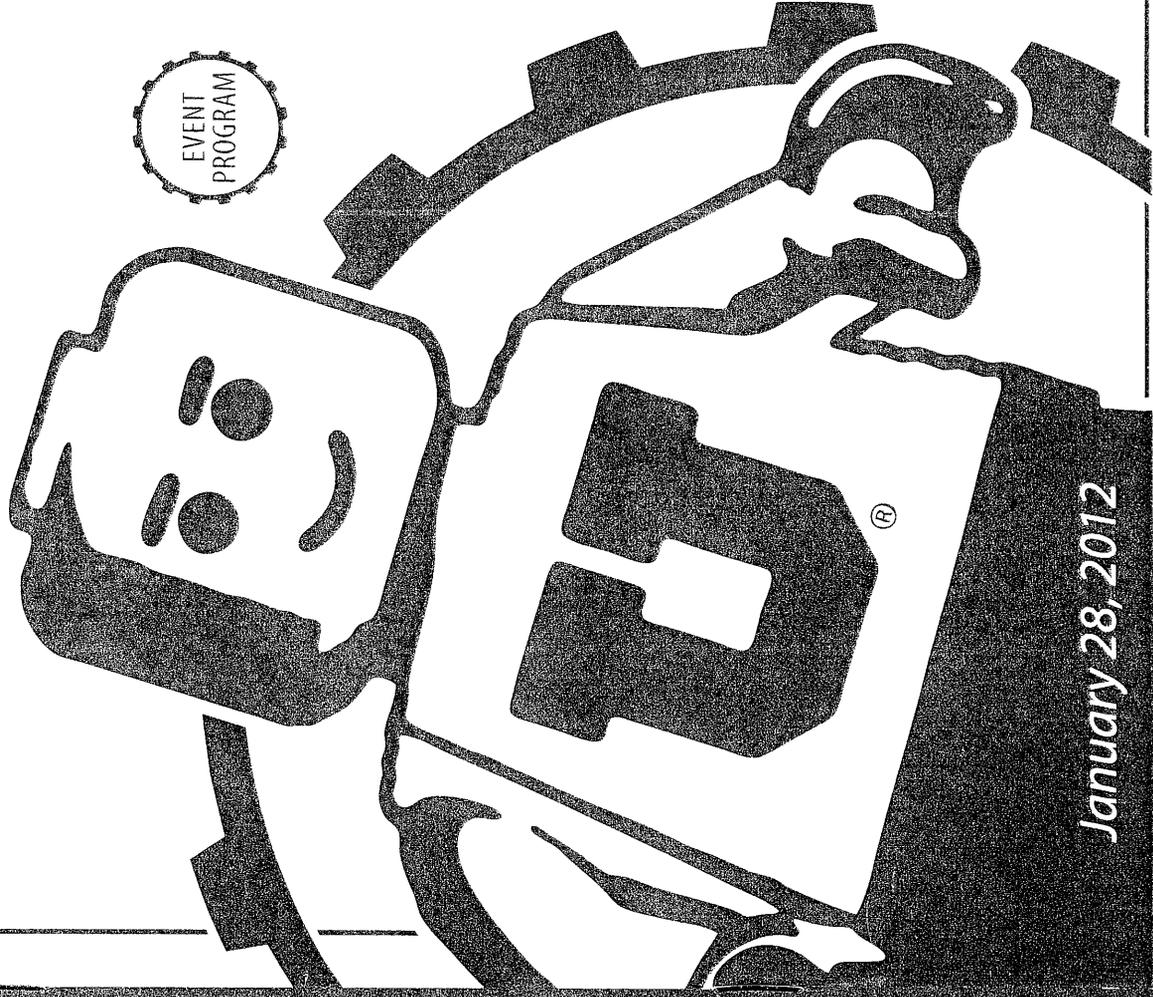
What does FLL cost?

FLL recommends that teams budget about \$750 for their first year and \$350-400 in following years. Money often comes from fund-raising, grants, school principals and PTAs. Travel, T-shirts and optional items are in addition to these estimates.



SECOND ANNUAL

Utah FIRST® LEGO® League Championship



January 28, 2012

Index

Welcome	1	Team Schedules	6
Championship Agenda	2	Robot Game	10
Event Theme	3	Project	13
Next Year's Theme	3	Innovation Award	14
Get Involved!	3	Junior FLL	14
Awards	4	Maps of Venue	16
Core Values	5	Thanks	20

Welcome to FLL

Welcome to the second annual Utah *FIRST*® LEGO® League State Championship. The University of Utah and our office of Technology Venture Development believes that innovation and the pursuit of new ideas is the cornerstone of Utah's economic future.

As a recognized leader at starting technology companies based on its research, we are uniquely aware of the power of innovation. We also believe our youth have the promise and motivation to continue this trend. The University of Utah is proud to partner with *FIRST*® LEGO® League (FLL) to bring the FLL program to Utah and is actively engaged in bringing innovation opportunities to our community.

The FLL program has grown almost 300 percent since the first year, and we are grateful for the support of many community partners who make it possible for almost 1,500 children to participate statewide.

The University of Utah is the state's oldest and largest institution of higher education and a major research university. The U offers over 100 undergraduate and 90 graduate degree programs to over 31,000 students. Year after year, the University of Utah has proven itself as one of the most dynamic, productive and innovative universities in the country. We are ranked No. 1 at starting companies based on research for the second year in a row.

We are proud to host the next generation of innovators and technology leaders at today's event.

Jack Brittain

Jack Brittain,
V.P., Technology Venture Development, University of Utah





Overview

Team PiPod won the overall competition at the inaugural 2010-2011 Utah FIRST® LEGO® League Championship.

Championship Agenda

- 7:00 a.m. Team check-in
- 7:30 a.m. Coach meeting
- 8:00 a.m. Parade of teams
- 8:15 a.m. Welcome ceremony
- 9:15 a.m. – 3:30 p.m. Robot game and judging
- Noon – 12:30 p.m. Lunch
- 4:00 p.m. Awards ceremony

Welcome Ceremony

- Parade of Teams
- Welcome, Jack Brittain, V.P. University of Utah
- Welcome and thank you from Utah Partner, Kathy Hajeb
- Competition overview, Utah Partner, Kathy Hajeb
- Competition Kickoff

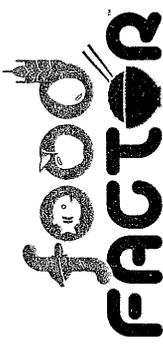
Awards Ceremony

- Parade of teams
- Presentation of medallions
- Awards overview and presentation
- Kickoff for next season

Event Theme

Can FIRST® LEGO® League teams improve the quality of food by finding ways to prevent food contamination?

In the Food Factor Challenge, over 200,000 9-16 year olds (9-14 in the US and Canada) from over 55 countries explore the topic of food safety and examine the possible points of contamination our food encounters – from exposure to insects and creatures, to unsterile processing and transportation, to unsanitary preparation and storage – then find ways to prevent or combat these contaminants.

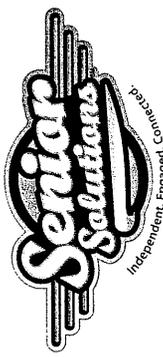


In the Food Factor Challenge, teams build, test and program an autonomous robot using LEGO® MINDSTORMS® NXT to solve a set of Food Safety missions as well as research, develop and share their innovative food safety solutions. Throughout their experience, teams will operate under FLL's signature set of Core Values.

What's Next Year's Theme?

Can FIRST® LEGO® League teams improve the quality of life for seniors by helping them continue to be independent, engaged and connected in their communities?

In the 2012-2013 Senior Solutions Challenge, teams will explore the topic of aging and how it may affect a person's ability to maintain his or her lifestyle – solving issues like getting around, keeping in touch or



staying fit. Teams will research obstacles and then suggest ways to improve the quality of life for the seniors affected.

Get Involved!

The FLL Senior Solutions challenge is coming to Utah next year, and we welcome you to get involved! What FLL teams accomplish with the support of adult volunteers is nothing short of amazing. FIRST® LEGO® League is fun. It's exciting ... and the skills teams learn will

- impact their lives for a lifetime. You can help.
- Be a coach – organize a team.
 - Volunteer to help our event organizing committee.
 - Run a qualifying event.
 - Become a championship or rookie team sponsor.

Tournament Awards

Champion's Award

This award recognizes a team that embodies the FLL experience, by fully embracing our Core Values while achieving excellence and innovation in both the Robot Game and Project.

Robot Awards

Mechanical Design: This award recognizes a team that designs and develops a mechanically sound robot that is durable, efficient and highly capable of performing challenge missions.

Programming: This award recognizes a team that utilizes outstanding programming principles, in-

cluding clear, concise and reusable code that allows their robot to perform challenge missions autonomously and consistently.

Strategy and Innovation: This award recognizes a team that uses solid engineering practices and a well-developed strategy to design and build an innovative, high performing robot.

Robot Performance: This award recognizes a team that scores the most points during the Robot Games. Teams have a chance to compete in three 2.5 minute matches and their highest score counts.

Project Awards

Research: This award recognizes a team that utilizes diverse resources to formulate an in-depth and comprehensive understanding of the problem they have identified.

FLL® Core Values

1. We are a team.
2. We do the work to find the solutions with guidance from our coaches and mentors.
3. We know our coaches and mentors don't have all the answers, we learn together.
4. We honor the spirit of friendly competition.
5. What we discover is more important than what we win.
6. We share our experiences with others.
7. We display gracious professionalism in everything we do.
8. We have fun!

Innovative Solution: This award recognizes a team's solution that is exceptionally well-considered and creative, with good potential to solve the problem researched.

Presentation: This award recognizes a team that effectively communicates the problem they have identified and their proposed solution to both the judges and other potential supporters.

Core Values Awards

Inspiration: This award celebrates a team that is empowered by their FLL experience and displays extraordinary enthusiasm and spirit.

Teamwork: This award recognizes a team that is able to accomplish more together than they could as individuals through shared goals, strong communication, effective problem solving and excellent time management.

Gracious Professionalism: This award recognizes a team whose members show each other and other teams respect at all times. They

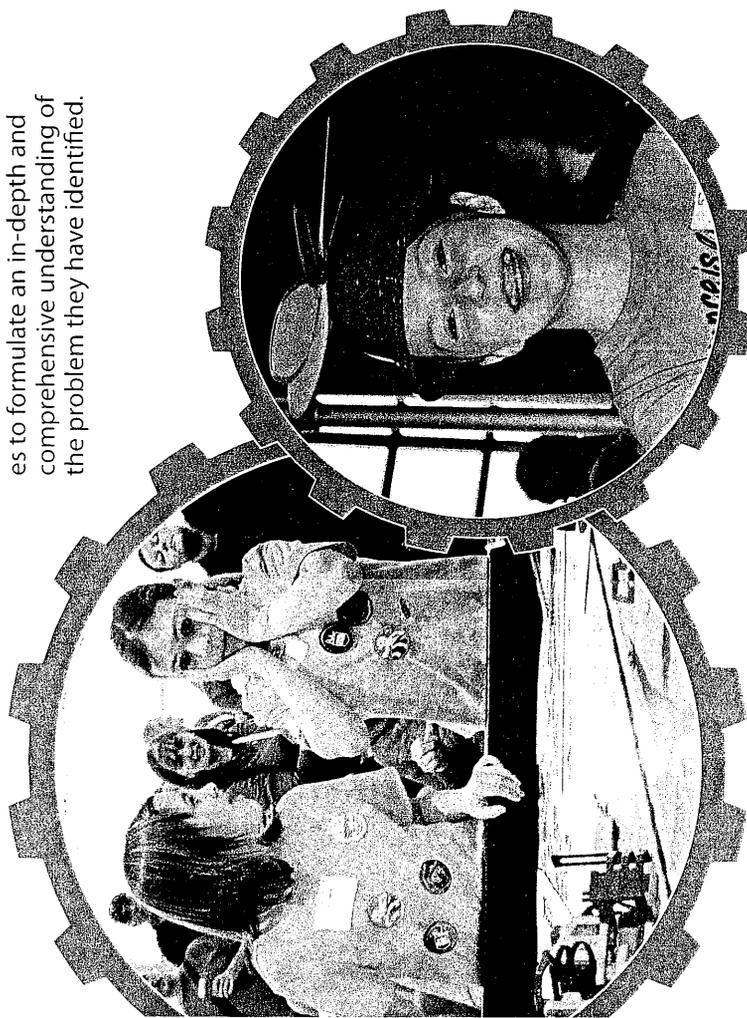
recognize that both friendly competition and mutual gain are possible, on and off the playing field.

Special Recognition Awards

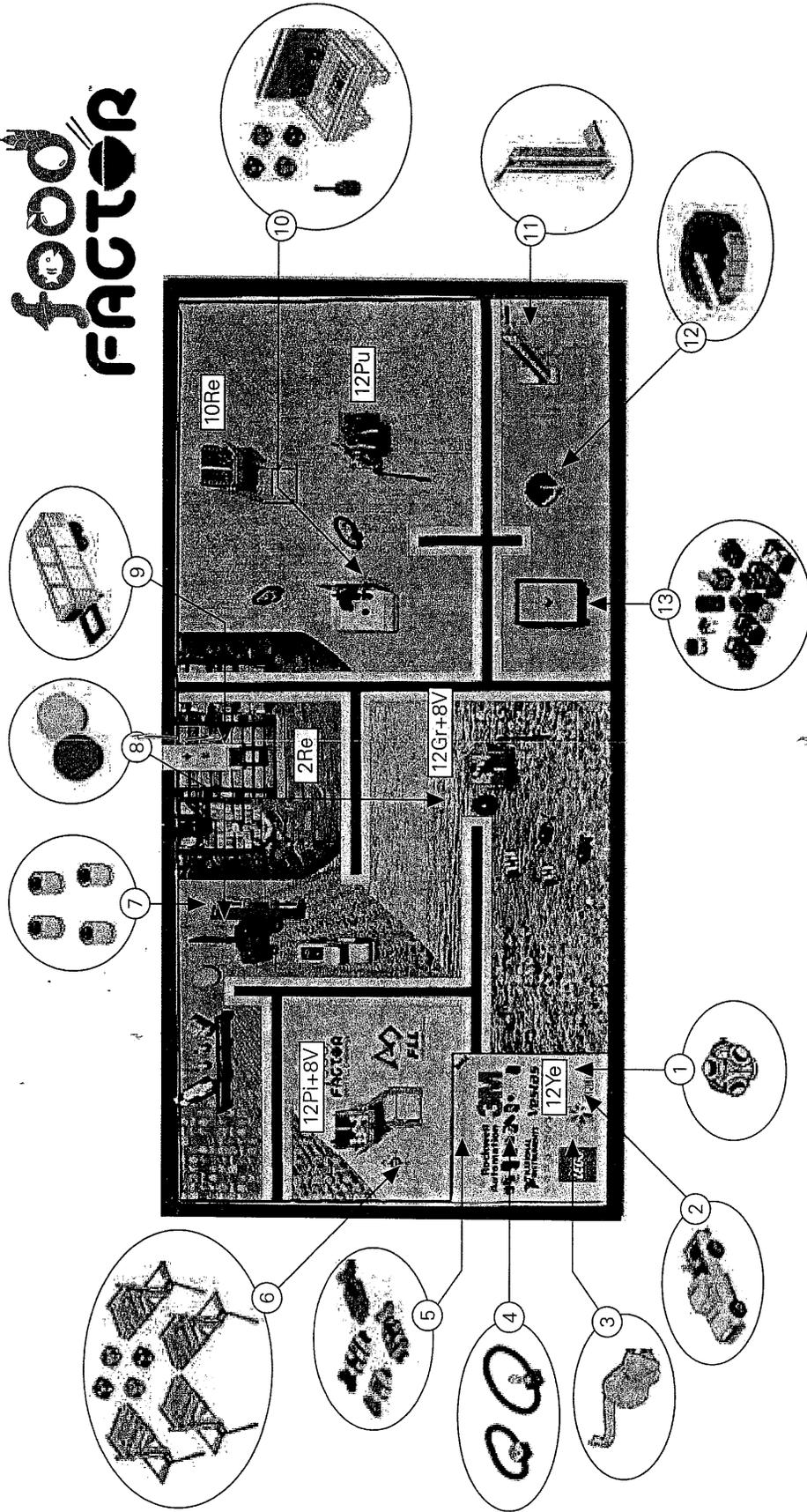
Outstanding Volunteer Award: The FLL program would not exist without its volunteers. This award honors an extraordinary volunteer(s) whose dedication to the FLL program has a positive impact on the team experience.

Adult Coach/Mentor Award: Many teams reach significant milestones thanks to their close relationship with an adult mentor. This award goes to the coach or mentor whose wisdom, guidance and devotion are most clearly evident in the team's discussion with the judges.

Young Adult Mentor Award: FLL presents this award to the young adult, high school or college mentor whose support, impact, inspiration and guidance are most clearly evident in the team's discussion with the judges.

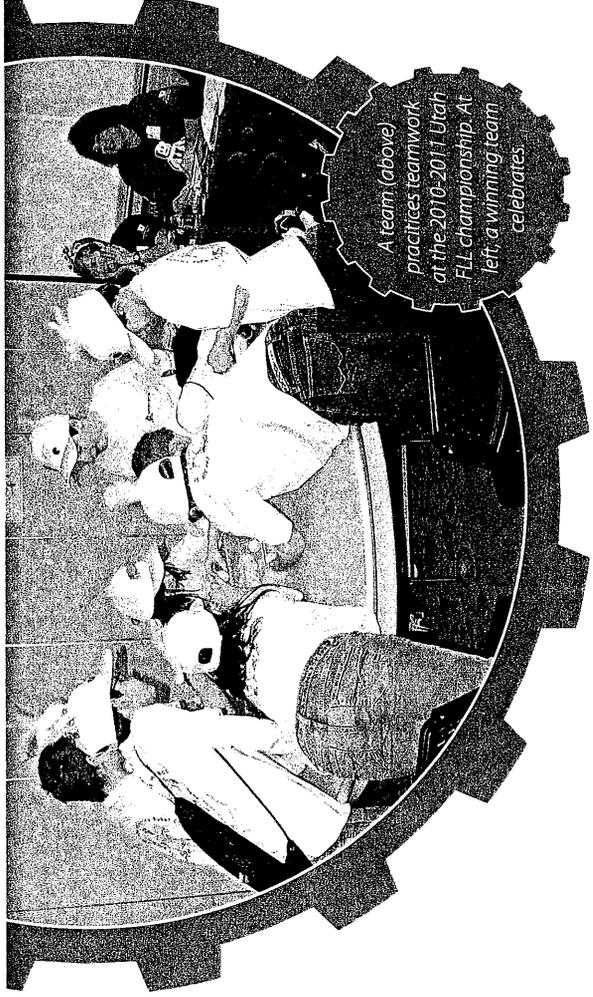


food FACTOR



1. **Good Bacteria** — Move yellow bacteria to base
2. **Farm Fresh Produce** — Move yellow truck to base
3. **Pest Removal** — Move rats to base
4. **Pizza and Ice Cream** — Move pizza/ice cream to base
5. **Fishing** — Move big fish to base
6. **Disinfect** — Empty dispensers
7. **Corn Harvest** — Collect corn

8. **Pollution Reversal** — Move balls to mat
9. **Refrigerated Ground Transport** — Move big fish to trailer
10. **Hand Wash** — Move bacteria/virus to sink
11. **Storage Temperature** — Lower thermometer temperature
12. **Cooking Time** — Point timer to red zone
13. **Groceries** — Put grocery units on table
14. **Distant Travel** — Touch robot to east wall



A team (above) practices teamwork at the 2016-2017 Utah FFL championship. At left, a winning team celebrates.

The Project

The Project challenge this season was for the teams to investigate food and find one way to improve its safe delivery to them. Questions they considered while investigating include: Where does their food come from? How is it grown? Where has it been? Who handled it? How did it get to their kitchen cupboard? Who protected it along the way? How did they prevent spoiling and contamination? How did they decide which food was good and which was spoiled or contaminated? Once the teams know about food threats and who helps protect it, they start their research. The Project challenge involves these steps:

Identify a Problem: Teams begin by looking around their own kitchen. What kind of food do they find there? After they learn about their food's journey from ground to table, they discover how and where their food could become spoiled or contaminated.

Create an Innovative Solution: After teams have decided on a contamination or spoiling problem, they develop an innovative solution that will address the problem — a new idea or an improvement on something already being done.

Share with Others: Teams tell others about the problem they researched and exactly how their

solution can help. They choose how to share what they've learned. They give a talk. They create a website. They perform a skit. They make a comic book. They rap. They create a poster. They pass out flyers. They write a poem, song or story.

Present Their Solution at a Tournament: To be eligible for Project Awards teams must have a live presentation that: (1) describes the contamination or spoiling problem they chose to research, (2) describes their innovative solution, (3) describes how they shared their findings with others, and (4) uses media equipment only to enhance the live presentation.

Global Innovation Award

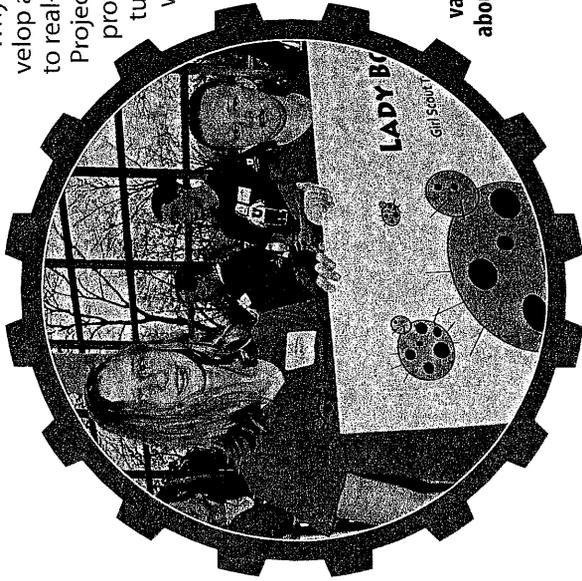
The FIRST® LEGO® League Global Innovation Award is designed to

get FLL teams excited about further developing their FLL Projects.

Why a patent? FLL teams develop amazing solutions every year to real-world problems for their Project. Filing for a patent will help protect ideas while teams fine-tune concepts and develop a working model. It's also great for getting the support of others in bringing ideas to market.

Any registered FLL team from around the world may submit the innovative solution they designed for the current seasons' FLL Project.

Learn more at <http://fllinnovationaward.firstlegoleague.org/about-global-innovation-award>.



Junior FLL

Focused on building an interest in science and engineering in children ages 6-9, Junior FIRST® LEGO® League (Jr.FLL) is a hands-on program designed to capture young children's inherent curiosity and direct it toward discovering the possibilities of improving the world. Just like FIRST® LEGO® League (FLL), this program features a real-world challenge, to be solved by research, critical thinking and imagination. Guided by adult coaches and the Jr.FLL Core Values, students work with LEGO elements and moving parts to build ideas and concepts and present them for review.

Team Members get to:

- Design and build challenge solutions using LEGO elements
- Apply real-world math and science concept
- Research challenges facing today's scientists
- Learn team-building and presentation skills
- Develop Show-Me poster

Learn more at <http://www.usfirst.org/roboticsprograms/jr.fll>.



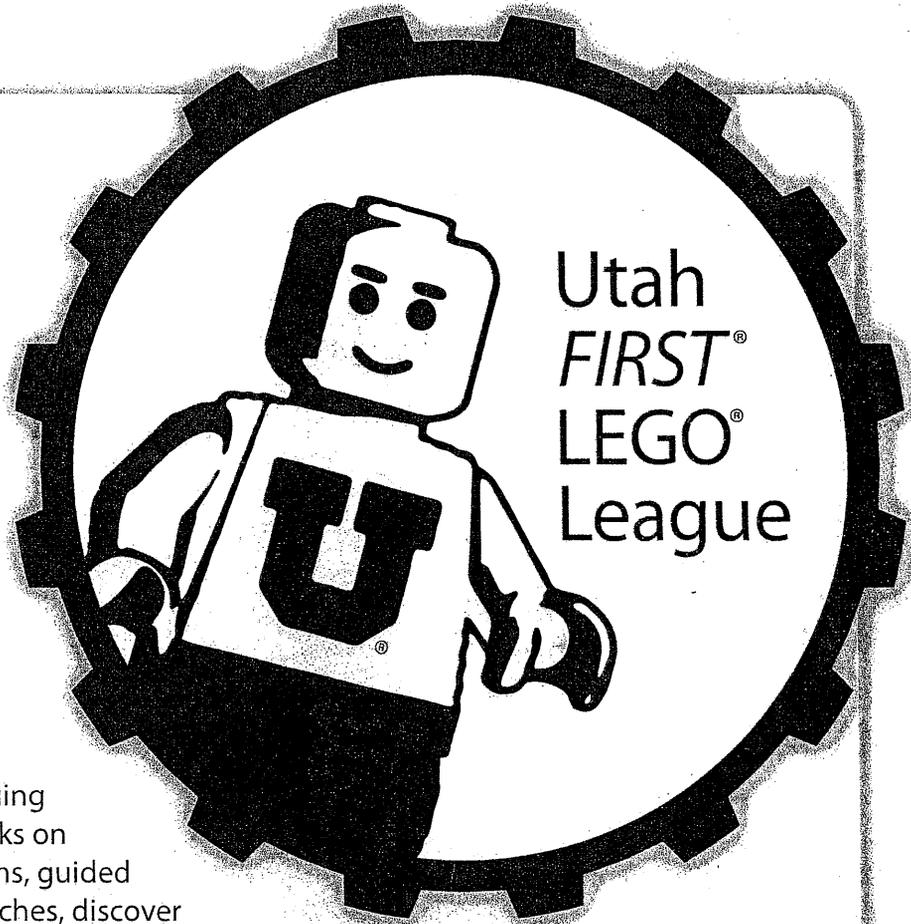
A team (above) discusses scoring with a referee during the robot game in the 2010-2011 Utah FLL championship.

Organize your team now!

Registration open May, 2012

FIRST® *LEGO*® League (FLL) is an exciting global robotics and innovation program that ignites an enthusiasm for discovery, science, teamwork and technology in kids ages 9 to 14.

Students have the opportunity to solve real-world challenges by building *LEGO*-based robots to complete tasks on a thematic playing surface. FLL teams, guided by their imaginations and adult coaches, discover exciting career possibilities and, through the process, learn to make positive contributions to society.



2012-2013 season timeline

- Online registration opens May, 2012.
- Free Coaches Workshop Aug. 3, 2012.
- Senior Solutions challenge released to teams September, 2012.
- Build season October to December, 2012.
- Regional Qualifying Tournaments held early January, 2013.
- Utah Championship Saturday, Jan. 26, 2013.

How much does it cost?

- FLL recommends that teams budget \$850 for the first year and \$400-\$450 in following years.
- Utah event registration is \$75.

Who participates in FLL?

- Kids ages 9-14 self-organize into teams of 3-10 members.
- Coaches can be parents, teachers or volunteers.
- Teams recruit mentors and volunteers to advise and support them.

Let's do it!

For more information about Utah *FIRST*® *LEGO*® League, visit our website at www.utfl.utah.edu or contact Anne Bastien at utfl@utah.edu or 801-585-3198. More details about the *FIRST*® can be found at www.usfirst.org.

phone: 801-585-3198 | fax: 801-587-5848 | e-mail: utfl@utah.edu

www.utfl.utah.edu



CITY OF CEDAR HILLS

TO:	Mayor and City Council
FROM:	Greg Robinson, Assistant City Manager
DATE:	2/21/2012

City Council Agenda Item

SUBJECT:	Review/Action on Completing the Basement of the Community Recreation Center
APPLICANT PRESENTATION:	Stephanie Martinez, City Councilmember
STAFF PRESENTATION:	Greg Robinson, Assistant City Manager
BACKGROUND AND FINDINGS: The basement at the Community Recreation Center is currently unfinished. To accommodate additional recreation programming at the center it is proposed that the City finish the basement and equip it to allow for new programs as, but not limited to: Spinning classes, cardio classes, individual fitness training, bouldering, weight training, as well as additional class space for zumba, dance, karate, aerobics, cheer, gymnastics, yoga, pilates, etc. This space will allow for more opportunities for residents to use this facility.	
PREVIOUS LEGISLATIVE ACTION: N/A	
FISCAL IMPACT: Current cost per square foot to finish the space with minimum building requirements is \$60.00 per square foot. The square footage of the area being considered is 3,774 sq ft. The cost estimate to finish the basement is \$226,440, this does not include a small lift necessary to meet ADA requirements which is estimated to cost of \$10,000-\$20,000 depending upon the type of lift. Total estimated cost: \$246,440	
SUPPORTING DOCUMENTS: N/A	
RECOMMENDATION: Recommend allocating the necessary funds to finish the basement of the Community Center	
MOTION: To allocate \$246,440 for the completion of the basement in the Community Recreation Center.	