

Dr. Lawrence S. Feldman, Vice Chair

**SUBJECT: REQUEST APPROVAL OF RESOLUTION NO. 12-029 OF THE
SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA,
RECOGNIZING CORAL REEF ELEMENTARY ROBOTICS
TEAM**

**COMMITTEE: INSTRUCTIONAL EXCELLENCE AND COMMUNITY
ENGAGEMENT**

**LINK TO STRATEGIC
FRAMEWORK: STUDENT, PARENT, AND COMMUNITY ENGAGEMENT**

The First Lego League (FLL) was created in 1998 as a partnership between the Foundation for Inspiration and Recognition of Science and Technology and the Lego Group. FLL is a robotics program designed for children ages 9 to 14. FLL's goals are to increase excitement regarding science and technology as well as teach valuable life and employment skills. As part of the program, students form teams to build and program a robot using the LEGO MINDSTREAMS robot set. FLL boasts more than 20,000 teams in 61 countries.

Every year, the FLL holds a themed competition that challenges students to earn points by developing a creative solution to a problem, in addition to building and programming the robot and implementing core values. This year's Food Factor Challenge asked students to research food items and identify possible contamination issues. The team then had to build and program a robot to complete a series of tasks regarding food contamination caused by rats and bacteria.

In January, the Coral Reef Elementary School Robotics Team participated in the qualifying competition with 16 other teams. The enterprising team selected stone crabs as their research subject. The Coral Reef Advanced Biotic Team, appropriately nicknamed the CRAB Team, won the Project Award First Place trophy for their innovative stone crab claw cracker that maintains the perfect temperature for the crab while providing minimal human contact to avoid germ transmission.

The winning team of Theodora Oatmeyer, Amber Nolan, Gigi Stouffer, Adriana Echeverria, Hailey Miller, Nicholas Pastrana, Justin Valdes, Ethan Bluh and Kevin Li and their coaches Claudia Pastrana, Anita Barbato and Kim Valdes are to be commended for their commitment to academic excellence in the field of science and technology.

**ACTION PROPOSED BY
DR. LAWRENCE S. FELDMAN:**

That The School Board of Miami-Dade County, Florida, approve Resolution No. 12-029 of The School Board of Miami-Dade County, Florida, recognizing the Coral Reef Elementary School Robotics Team.

**RESOLUTION NO. 12-029
OF THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA,
RECOGNIZING THE CORAL REEF ELEMENTARY SCHOOL ROBOTICS TEAM**

WHEREAS, the First Lego League (FLL) was created in 1998 as a partnership between the Foundation for Inspiration and Recognition of Science and Technology and the Lego Group; and

WHEREAS, FLL's goals are to increase excitement regarding science and technology as well as teach valuable life and employment skills. As part of the program, students form teams to build and program a robot using the LEGO MINDSTREAMS robot set; and

WHEREAS, every year, the FLL holds a themed competition that challenges students. This year's Food Factor Challenge asked students to research food items and identify possible contamination issues. The team then had to build and program a robot to complete a series of tasks regarding food contamination caused by rats and bacteria; and

WHEREAS, in January, the Coral Reef Elementary School Robotics Team participated in the qualifying competition with 16 other teams and won the Project Award First Place trophy for their innovative stone crab claw cracker that maintains the perfect temperature for the crab while providing minimal human contact to avoid germ transmission; and

WHEREAS, the winning team of Theodora Oatmeyer, Amber Nolan, Gigi Stouffer, Adriana Echeverria, Hailey Miller, Nicholas Pastrana, Justin Valdes, Ethan Bluh and Kevin Li and their coaches Claudia Pastrana, Anita Barbato and Kim Valdes are to be commended for their commitment to academic excellence in the field of science and technology;

NOW, THEREFORE, BE IT RESOLVED THAT:

The School Board of Miami-Dade County, Florida, approve Resolution No. 12-029 of The School Board of Miami-Dade County, Florida, recognizing the Coral Reef Elementary School Robotics Team.

A copy of this resolution is placed in the permanent records of this Board.

Presented this fifteenth day of February A.D. 2012

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA

CHAIR

ATTEST:

Secretary