



City of St. Charles

ILLINOIS

Proclamation

THE PROFESSOR TSUNAMI BOTS WATERLOGGED

JUNE 4, 2018

- WHEREAS,** The Professor Tsunami Bots Waterlogged is a team of 5th - 7th graders from St. Patrick Catholic School, consisting of Mathew Coker, Aidan Fergus, Brendan Fergus, Sam Frausto, James Kennedy and Andrew Laskosz. They competed in the First Lego League (FLL) which is part of the FIRST program. (FIRST = For Inspiration and Recognition of Science and Technology). The team is part of Fox Valley Robotics; and
- WHEREAS,** The mission of FIRST is to inspire young people to be science and technology leaders and innovators, by engaging them in exciting Mentor-based programs that build science, engineering, and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership; and
- WHEREAS,** FIRST® LEGO® League teams apply science, engineering, and math concepts to develop solutions to real-world challenges. They also design, build, and program LEGO MINDSTORMS®-based robots to perform autonomous “missions” on a playing field. Along the way, they develop critical thinking, team-building, and presentation skills; and
- WHEREAS,** The challenge for this year's competition was to create an improvement to the human water cycle. The team developed the idea of installing electricity-producing turbines within water towers in order to capture the unused kinetic energy of flowing water. They researched the feasibility, cost and benefits of this idea. They shared it with members of the community including Matt Wilson and Thomas Bruhl from the city of St. Charles who provided very valuable guidance; and
- WHEREAS,** The team also demonstrated the Core Values of FIRST by helping other teams within Fox Valley Robotics. They taught other teams advanced robotic concepts. And they prepared other teams for regional competitions; and
- WHEREAS,** The team was awarded the Champion's award (the competition's highest honor) at their regional qualifying tournament in December 2017. And they captured the Champion's award at the Illinois state championship in January 2018. In doing so, the team was one of three teams out of over 550 teams in the state of Illinois to advance to the World Festival Championship in Detroit, MI in April, 2018; and
- WHEREAS,** At the World Festival, the team's robot finished 37th overall, competing against over 100 teams from 25 states and 30 countries.

NOW, THEREFORE, I, Raymond P. Rogina, Mayor of the City of St. Charles, do hereby proclaim today, June 4, 2018, as a day to acknowledge, recognize and celebrate Matthew, Aiden, Brendan, Sam, James and Andrew, **The Professor Tsunami Bots Waterlogged** for their incredible accomplishments!

SEAL:



Raymond P. Rogina, Mayor