SENATE RESOLUTION

8631

By Senator Boehnke

WHEREAS, FIRST Lego League introduces science, technology, engineering, and math, known as STEM, to children ages 4 through 16 with exciting hands-on learning. Participants gain real-world and problem-solving experiences through a guided, global robotics program, helping today's students and teachers build a better future together; and

WHEREAS, The Intelligent Mademoiselles is a FIRST Lego League team of six elementary and middle school girls from West Richland; and

WHEREAS, In keeping with this year's challenge "Superpowered," The Intelligent Mademoiselles visited Benton REA's co-op solar farm in West Richland, where they observed that dusty solar panels lose energy output; and

WHEREAS, The Intelligent Mademoiselles compared clean and dirty solar panels and found that dirty solar panels decreased electric production by 12 percent; and

WHEREAS, The Intelligent Mademoiselles designed and built a Lego robot called the Roof Rover that cleans dirty solar panels to increase their production of renewable electricity; and

WHEREAS, The Intelligent Mademoiselles competed against 28 other teams in a FIRST Washington Lego League competition in December; and

WHEREAS, The Intelligent Mademoiselles won first place in this FIRST Washington Lego League competition;

NOW, THEREFORE, BE IT RESOLVED, That the Senate recognize the accomplishments of The Intelligent Mademoiselles, and the efforts of all girls in programs like FIRST Washington's to break historic barriers.