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.

I, Sarah Bannister, Secretary of the Senate,

do hereby certify that this is a true and

correct copy of Senate Resolution 8631,

adopted by the Senate

March 27, 2023

SARAH BANNISTER

Secretary of the Senate