

SENATE RESOLUTION

8631

By Senator Boehnke

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

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

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

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

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

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

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

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

5 I, Sarah Bannister, Secretary of the Senate,
6 do hereby certify that this is a true and
7 correct copy of Senate Resolution 8631,
8 adopted by the Senate
9 March 27, 2023

10 SARAH BANNISTER
11 Secretary of the Senate