

# Results of the 2025 KidWind Challenge: SE-Burlington

**Most Artistic Turbine (student vote):** Paola High School — Gods of Thunder

## 4th-5th Grade

Description	School & Team Name	Total Points/Details
<b>1st Place:</b>	Sunflower Elementary — Wind Breakers	92.00
<b>2nd Place:</b>	Topeka Collegiate — The Wind People	81.33
<b>3rd Place:</b>	Topeka Collegiate — Electrons	68.00
<b>Most improved:</b>	Topeka Collegiate — The Windy Clouds	with a 56.79% improvement
<b>Judges Choice:</b>	Topeka Collegiate — Electrons	-
<b>Percent of teams that improved from AM to PM:</b>		25.0%

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
<b>High:</b>	92.00	10.00	10.00	11.68	35.00
<b>Low:</b>	60.33	6.00	6.00	8.20	32.00
<b>Average:</b>	75.42	8.00	8.00	9.98	32.92
<b>Points Possible:</b>	100.00	10.00	10.00	-	40.00
<b>Combined Output of AM vs PM (Joules):</b>				<b>36.96</b>	<b>27.94</b>
				<b>Combined improvement:</b>	<b>-24.40%</b>

## 6th-8th Grade

Description	School & Team Name	Total Points/Details
<b>1st Place:</b>	McPherson Middle School — The Horsemen	90.00
<b>2nd Place:</b>	McPherson Middle School — The 3 Musketeers	86.67
<b>3rd Place:</b>	Uniontown Middle School — Nimbus Eagle	73.00
<b>Most improved:</b>	McPherson Middle School — The 3 Musketeers	From zero to 22.82 Joules
<b>Judges Choice:</b>	McPherson Middle School — The Horsemen	-
<b>Percent of teams that improved from AM to PM:</b>		42.9%

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
<b>High:</b>	90.00	10.00	10.00	27.02	32.67
<b>Low:</b>	52.67	9.00	4.00	2.20	22.67
<b>Average:</b>	71.14	9.29	8.14	13.75	28.71
<b>Points Possible:</b>	100.00	10.00	10.00	-	40.00
<b>Combined Output of AM vs PM (Joules):</b>				<b>46.69</b>	<b>88.84</b>
				<b>Combined improvement:</b>	<b>90.28%</b>

## 9th-12th Grade

Description	School & Team Name	Total Points/Details
<b>1st Place:</b>	Burlington High School — Burlington Wind Company: Wind Wizards	96.67
<b>2nd Place:</b>	Paola High School — D I Wires	91.00
<b>3rd Place:</b>	Burlington High School — Burlington Wind Company: Wind Monkeys	84.67
<b>Most improved:</b>	Osage City High School — Osage City Engineering	From zero to 5.61 Joules
<b>Judges Choice:</b>	Uniontown High School — Dust Bowl	-
<b>Percent of teams that improved from AM to PM:</b>		66.7%

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
<b>High:</b>	96.67	10.00	10.00	58.28	36.67
<b>Low:</b>	55.67	5.00	4.00	0.00	26.00
<b>Average:</b>	72.97	8.10	7.80	21.94	30.57
<b>Points Possible:</b>	100.00	10.00	10.00	-	40.00
<b>Combined Output of AM vs PM (Joules):</b>				<b>146.66</b>	<b>131.87</b>
				<b>Combined improvement:</b>	<b>-10.08%</b>