

# Results of the 2025 KidWind Challenge: NW-Colby

**Most Artistic Turbine (student vote)** Buhler High School — Cru Winds

## 4th-5th Grade

Description	School & Team Name	Total Points/Details
<b>1st Place:</b>	Reno County Homeschool Connections — RCHC Oak Leaf Engineers	80.00
<b>2nd Place:</b>	Allen STEM Magnet School — Blue Wind	68.33
<b>3rd Place:</b>	Allen STEM Magnet School — The Princesses	65.00
<b>Most improved:</b>	Reno County Homeschool Connections — RCHC Oak Leaf Engineers	with a 209.44%
<b>Judges Choice:</b>	Allen STEM Magnet School — The Princesses	-
<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>	80.00	10.00	8.00	50.81	28.00
<b>Low:</b>	65.00	8.00	5.00	11.67	22.33
<b>Average:</b>	71.11	8.67	6.67	30.89	24.78
<b>Points Possible:</b>	100.00	10.00	10.00	-	40.00
<b>Combined Output of AM vs PM (Joules):</b>				<b>58.14</b>	<b>69.96</b>
<b>Combined improvement:</b>				<b>20.33%</b>	

## 6th-8th Grade

Description	School & Team Name	Total Points/Details
<b>1st Place:</b>	Allen STEM Magnet School — Hutch STEM Girls	84.00
<b>2nd Place:</b>	Allen STEM Magnet School — Burger Builders	69.33
<b>3rd Place:</b>	The Independent School — Independent Middle School	66.33
<b>Most improved:</b>	No teams improved	N/A
<b>Judges Choice:</b>	Allen STEM Magnet School — Hutch STEM Girls	-
<b>Percent of teams that improved from AM to PM:</b>		0.0%

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
<b>High:</b>	84.00	9.00	7.00	16.40	30.00
<b>Low:</b>	66.33	8.00	5.00	7.48	25.33
<b>Average:</b>	73.22	8.33	6.00	12.99	27.89
<b>Points Possible:</b>	100.00	10.00	10.00	-	40.00
<b>Combined Output of AM vs PM (Joules):</b>				<b>38.96</b>	<b>28.21</b>
<b>Combined improvement:</b>				<b>-27.59%</b>	

## 9th-12th Grade

Description	School & Team Name	Total Points/Details
<b>1st Place:</b>	Buhler High School — Cru Winds	97.33
<b>2nd Place:</b>	Inman High School — Inman Team 1	80.67
<b>3rd Place:</b>	Sterling High School — Neon Nights	79.00
<b>Most improved:</b>	Smoky Valley High School — Blew	with a 24.40%
<b>Judges Choice:</b>	Buhler High School — Cru Winds	-
<b>Percent of teams that improved from AM to PM:</b>		33.3%

OVERALL RESULTS:	Total Score	Knowledge Quiz	Instant Challenge	Turbine Performance (Joules)	Judges Panel
<b>High:</b>	97.33	10.00	10.00	57.85	37.33
<b>Low:</b>	58.00	6.00	6.00	15.96	24.00
<b>Average:</b>	72.04	7.78	8.67	34.25	27.59
<b>Points Possible:</b>	100.00	10.00	10.00	-	40.00
<b>Combined Output of AM vs PM (Joules):</b>				<b>300.22</b>	<b>243.04</b>
<b>Combined improvement:</b>				<b>-19.05%</b>	