

## NJAS State Science Fair Qualifiers 2025

Division	Award	Project	Student Name	Gr	School Name	Project Title
Junior	Dow	1103	Jozlyn Gordon	7	King Science & Tech MS	Testing for Unsaturated Fats in Chips
Senior	Dow	2051	Henry Carstens	12	Omaha Central	Systemic Solutions to Combat Grade Inflation in High School Education
Senior	Dow	2056	Ella Schmitz	12	UNMC High School Alliance	Evaluating Early Level Play Using Modeling
Junior	Top 6	1036	Jenna Murray	7	Bennington Middle School	How Emotions Light Up the Brain: Understanding the Connection Between Feelings, Actions, and Physical Responses
Junior	Top 6	1283	Hailey Orbin	7	Buffett Middle School	Flower Power Unleashed by Water
Junior	Top 6	1147	Emma Park	8	King Science & Tech MS	Can Biodegradable Hydrogels Prevent Water Runoff in Soil/Farming?
Junior	Top 6	1226	Sophia Worden	8	McMillan Middle School	The Great Mouthwash Showdown
Junior	Top 6	1272	Alara Lytle	8	King Science & Tech MS	Does Ice Melt Inhibit Plant Growth?
Junior	Top 6	1275	Andrew Sorrows	8	Bennington Middle School	Green and Clean: Methods to Prevent Mold Growth and Damp-Off in Microgreens
Senior	Top 6	2091	Thanvi Bhat	9	Millard North HS	Combating Methicillin-Resistant <i>Staphylococcus aureus</i> : Development of a Novel and Non-Toxic Flavonoid Treatment In-Silico to Synergistically Enhance $\beta$ -Lactam Antibiotic Efficacy
Senior	Top 6	2071	Emily Alison	10	Millard North HS	Ketogenic Diet Enhances Synaptic Plasticity and Reduces Epileptic Seizures in Mutant <i>Drosophila melanogaster</i>
Senior	Top 6	2094	Athreya Reddy	10	Elkhorn South HS	AI Innovations in Cancer Therapy: Unlocking New Possibilities
Senior	Top 6	2082	Shradha Mamilla	11	Marian HS	Chitin Synthesis Is Essential for the Process of Molting in Insects
Senior	Top 6	2024	Elysia Jones	12	Zoo Academy	The Effect of Time of Day and Season on the Behavior and Enclosure Usage of Alligators
Senior	Top 6	2063	Rachel Ma	12	UNMC High School Alliance	UHMWPE Advanced Aging Friction Trials