



University of Nevada, Reno

KIDS University

Engineering in Motion

Instructor: Abi Duenas

Week of July 14-18

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:45	Walk to Class	Walk to Class	Walk to Class	Walk to Class	Walk to Class
9:00	Class Introductions and Introduction to Engineering	Introduction to Civil Engineering and Group Project Design	Introduction to Chemical Engineering and Project Design	Introduction to Mechanical Engineering and Group Project Design	Introduction to Electrical Engineering and Group Project Design
10:15	Engineering Disciplines and Introduction to the Engineering Design Process	Group project: Bridges: design	Group Activity: Cabbage Chemistry	Group Project: Marble Roller Coasters: design	Circuit Design and Exploration
11:00	Introduction to Team Building	Bridges: Build and Test	Teacher Demonstration: Elephant Toothpaste	Roller Coasters: Build and Test	Pipe Cleaner Circuits
11:45	Walk to Lunch Room	Walk to Lunch Room	Walk to Lunch Room	Walk to Lunch Room	Walk to Lunch Room
Noon	Lunch	Lunch	Lunch	Lunch	Lunch
12:45	Walk to Class	Walk to Class	Walk to Class	Walk to Class	Walk to Class
1:00	Team Building Activities	Freestanding Structures	Baking Soda Boats	Slingshot Rockets	Cork Flashlights
2:30	Engineering Projects by Kids and Invention Challenge	City Planning	Slime Making	Catapults	Class Cleanup and Weekly Reflection
3:45	Get ready to leave	Get ready to leave	Get ready to leave	Get ready to leave	Get ready to leave

- Drop off campers between 8-8:45 a.m. in front of Frandsen Humanities Building.
- Pick up campers between 4-4:30 p.m. in front of Frandsen Humanities Building.
- All campers should bring morning and afternoon snacks, lunch and a water bottle every day.