Thank You Flint Hills for your continued support

College of Engineering & Mines

Engineering Open House

Duckering Building

February 23, 2013

11:00 AM to 3:00 PM
Activities

**Activities**

Flint Hills Resources

Flint Hills has been a sponsor of E-Week and the Alaska State Robotics Championships for the past 4 years.

**Activities**

- Strong Man Rm 101
- Machine Shop Rm 109
- Ice Beam Testing Rm 124
- Earthquake Demonstration Rm 125
- Jenga Block Structures Contest Rm 125
- Plasma Cutter Rm 125
- Steel Bridge Demonstration Rm 125
- Micro Mouse Robot Rm 208
- Student Rocket and Satellite Project Rm 242
- 3D Printer Rm 252
- Electric Trike Rm 252
- Electric Hot Dog Cooker Rm 252
- Fiber Optic Microphone Rm 252
- Jacob's Ladder Rm 252
- Robotic Vehicle Rm 252
- Van de Graaff Static Generator Rm 252
- Gold Panning 3rd Floor
- Cookie Mining Rm 316
- Cotton Candy Demo Rm 316
- School of Rock Mineral ID Rm 316
- Cupcake Ore Drill Rm 316
- Hydraulic Jump Rm 334
- Gum Drop Bridges Rm 341
- Magnus Rotor Rm 341
- Tin Foil Boats Rm 341
- Lego Machines and Robots Rm 344
- Smoothie Fluid Properties Rm 402
- Energy4me Rm 406
- Knowledge Box Rm 406
- Pumping Oil Out of the Ground Rm 431

**Demonstrations**

- Ice Arch Explanation at times listed below: Circle of Flags
  - 12:00, 1:00, 2:00, and 3:00pm
- Ice Beam Testing at times listed below: Rm 124
  - 11:30, 12:30, 1:30, 2:30pm
- Micro Mouse every half hour from 11:00am-3:00pm Rm 208
- Quad Copter Demo at times listed below: Rm 252
  - 11:00, 11:45, 12:30, 1:15, and 2:00pm

**Presentation**

- Student Rocket and Satellite Project Rm 242

**Refreshments**

- Free Popcorn 2nd Floor
- AEG Chili Feed Sale Rm 316

**Hosted by:**

![Flint Hills Resources](image)

**Special thanks to:**

![CEM](image)