



Mission Moon Camp

Who: Kids going into 5th - 9th Grade

When: Tuesday, July 8th from 8:30 am - 2:30 pm

Where: Roosevelt Middle School in Dubuque

Cost: \$30 per participant

Registration Link: <https://bit.ly/dbqcamp>

Embark on an epic mission! Mission Moon Camp is a multi-part, immersive simulation for youth that emphasizes key STEM concepts, ties to NASA's missions, and space centers. Below is a list of some of activities that participants will take part in.

Scout a Landing Site

Teams will use small drones to collect data on potential landing sites while learning about the Moon's geologic features.

Design a Rover & Launch

The engineering design process will be used by teams to build a small rover capable of transporting individual team members and materials.

Collect Regolith & Build Habitat

Using their tablets, teams will scan mock regolith to determine mineral composition, collect regolith with their rover, and then build a habitat using life size magnetic tiles.

Search for Water Ice

Using micro:bits as scanners, teams will use radio signals to locate hidden reserves of water ice on a mock lunar surface.

Planetarium

Mission Moon Camp is from 8:30 am - 2:30 pm Campers need to bring a sack lunch and a drink. Cost: \$30 per camper.



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Registration Information:

Registration is now open. Payment is due at registration.

Cancellation Policy: Refunds will not be given unless this camp is cancelled by our office.

The fees for Camp will be used to offset direct expenses and to support the 4-H Youth Development County Extension Program.

Scholarships are available to help cover camp costs. To apply for a scholarship, email Amy Decker at adecker1@iastate.edu

To register for Mission Moon Camp, use the QR Code to the right or visit:
<https://bit.ly/dbqcamps>



Camp Location:

Mission Moon Location:

Eleanor Roosevelt Middle School Gym
2001 Radford Road
Dubuque, Iowa 52002

Dubuque County Extension & Outreach
Amy Decker, K-12 Education Coordinator
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