

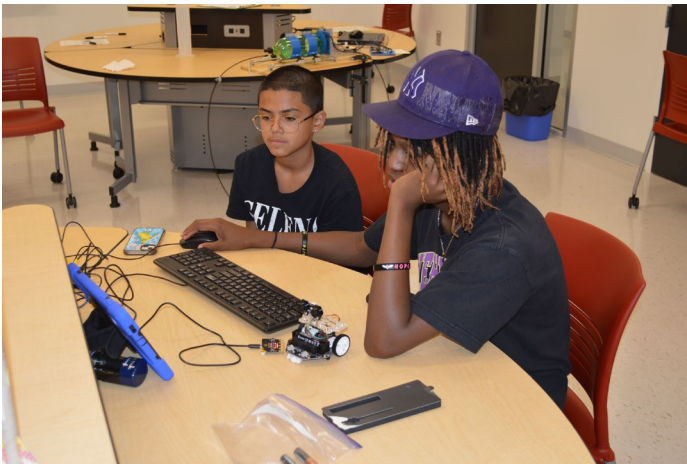


FAYETTEVILLE STATE UNIVERSITY

# Rockets and Robots

Joseph W Kabbes

2/1/22 -1/31/24



Christopher and Trevor code their maze-running robot.

Credits: Fayetteville State University

Students learn about rockets and how they play a critical role in space exploration, including the creation of future bases on the Moon and Mars, experimenting with low-power water rockets to understand concepts such as energy, reaction mass and thrust. Small, inexpensive robots allow student exploration of

sensors, motors and how robots can be used to explore and create. This program leverages the organization's Planetarium and Exploratorium, and ongoing STEM outreach, to provide students with a deeper understanding of NASA missions and priorities, and how these affect our everyday life.

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