

NASA Choctaw & Chickasaw Nation STEM Camps



Identifying life

- Scientists at NASA Ames developed collaborations with the Choctaw & Chickasaw Nations of Oklahoma.
- Over the past four summers NASA astrobiologists have conducted hands-on science activities and mentored Native American High School students attending each tribe's STEM camp.
- Students have shown statistically significant improvement in their understanding of the science concepts presented by the Ames team.



*Identifying chemicals
by flame color*



*Using spectroscopy to
identify light sources*

“Oklahoma isn’t, especially in the rural parts that we work with, generally considered to be a hub for STEM. However, we’re doing our small part to change that! Without which most of the students in our program wouldn’t have access to this type of exposure. That’s a huge reason why partnerships, like those with the [NASA Astrobiology Institute] research team is priceless. It may seem trivial to some, but I can assure you that when our students hear that scientists from NASA are making a special trip, for them, their eyes light up.” - Luke Kerr, Camp Director, Chickasaw Nation 2017