EXPLORATIONS
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The Dawn of Orion

https://www.colorado.edu/fiske/about-us/fiske-productions

It's been 50 years since NASA last built a human spacecraft. The Orion spacecraft follows in Apollo's footsteps, but with technology upgrades that allow it to support up to six crew members for three weeks. Astronauts will use Orion to conduct a lunar flyby in 2023. Subsequent missions will also be used to construct a lunar space station, termed the Lunar Orbital Platform-Gateway. The Gateway will be used for both manned and robotic exploration of the Moon and extraction of resources, such as mining lunar water ice which can be used to make rocket fuel.

Interview: Randolph Bresnik, NASA Astronaut

Educational Resources

NASA Orion overview and quick facts
https://www.nasa.gov/exploration/systems/orion/about/index.html
https://www.nasa.gov/sites/default/files/fs-2014-08-005-jsc-orion-eft-final.pdf
https://www.nasa.gov/sites/default/files/fs-2014-08-004-jsc-orion_quickfacts-web.pdf

Wikipedia information on Orion and Gateway
https://en.wikipedia.org/wiki/Orion_(spacecraft)
https://en.wikipedia.org/wiki/Lunar_Orbital_Platform_–_Gateway

Orion vs. Apollo spacecrafts
https://www.space.com/5900-orion-apollo-nasa-21st-century-moonshot.html

History of Lunar Exploration
https://www.nasa.gov/50th/50th_magazine/lunarExploration.html

Commercial use of the Moon's resources
https://www.theatlantic.com/science/archive/2018/09/spacex-ispace-moon-commercial-business/571357/

EFT-1 coverage
https://www.nasaspaceflight.com/2014/12/eft-1-orion-historic-launch-atop-delta-iv-h/

NASA Space Place: The Moon
https://spaceplace.nasa.gov/search/moon/

NASA's Science Activation Program funds 24 teams to connect NASA science experts, real content, and experiences with community leaders to do science in ways that activate minds and promote understanding. Fiske's Explorations project is one of those teams.

https://science.nasa.gov/science-activation-team/fiske-planetarium

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