



# NASA LANGLEY STEM DIGITAL BADGES

- an online learning tool allowing lifelong learners to demonstrate new knowledge and understandings

## FOR TEACHERS & STUDENTS

- Digital Badges were developed for educators of students in Grades 5-9 and are aligned to NGSS and Common Core standards.
- Students in Grades 5-9 can participate in the student version of each badge, with up to 6 hours of content aligned to the teacher badge.
- Teachers may earn up to 15 hours of professional development.
- This opportunity is open to public, private, homeschool, and informal educators.

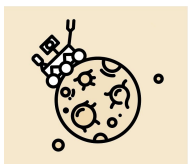
## DIGITAL BADGE DESCRIPTIONS



### Earth Right Now

*Content Focus: Science*

Discover the role of cloud types in the Earth's Energy Budget.



### Journey to Mars

*Content Focus: Engineering*

Design a capsule that uses the force of drag to land the Mars 2020 Rover.




### Aeronautics

*Content Focus: Mathematics & Science*

Test different materials as you gather data from paper airplanes.

The first 1,000 educators to complete all three badges between November 1, 2016 and April 30, 2017 will receive a NASA insignia iron-on patch.

### Interested in participating?

1. To get started, go to <https://nasatxstate-epdc.net/>
2. Click the Explore icon  and type "NASA Langley" in the search area to find and select the NASA Langley Centennial Mission.
3. Select the badge you wish to complete.

Contact NASA Education Specialist Marilé Colón Robles at [Marile.ColonRobles@nasa.gov](mailto:Marile.ColonRobles@nasa.gov) for more information.