



## RealWorld-InWorld (RWIW) NASA Engineering Design Challenge – James Webb Space Telescope – RealWorld Phase

### *The earner of this badge guided students to:*

1. Work as a team to create a mission patch.
2. Use the engineering design process to redesign either the sunshield or mirror assembly for the James Webb Space Telescope.
3. Create and maintain a design journal.
4. Create drawings and a 3D model of the prototype design solution.
5. Budget time and meet deadlines.

#### **Related Activities:**

Familiarize yourself with the wide variety of professional development and educational opportunities on the **NASA Education website:** <http://goo.gl/OW9QF>

You may continue your students' STEM learning through the NASA Exploration Design Challenge, **Charting your Journey to Mars:**  
<http://www.nasa.gov/education/edc>

#### **Current Activity:**

**RealWorld-InWorld NASA Engineering Design Challenge** website:  
<http://www.nasarealworldinworld.org/>



Spent a minimum of 20 – 30 hours on this phase of the challenge.