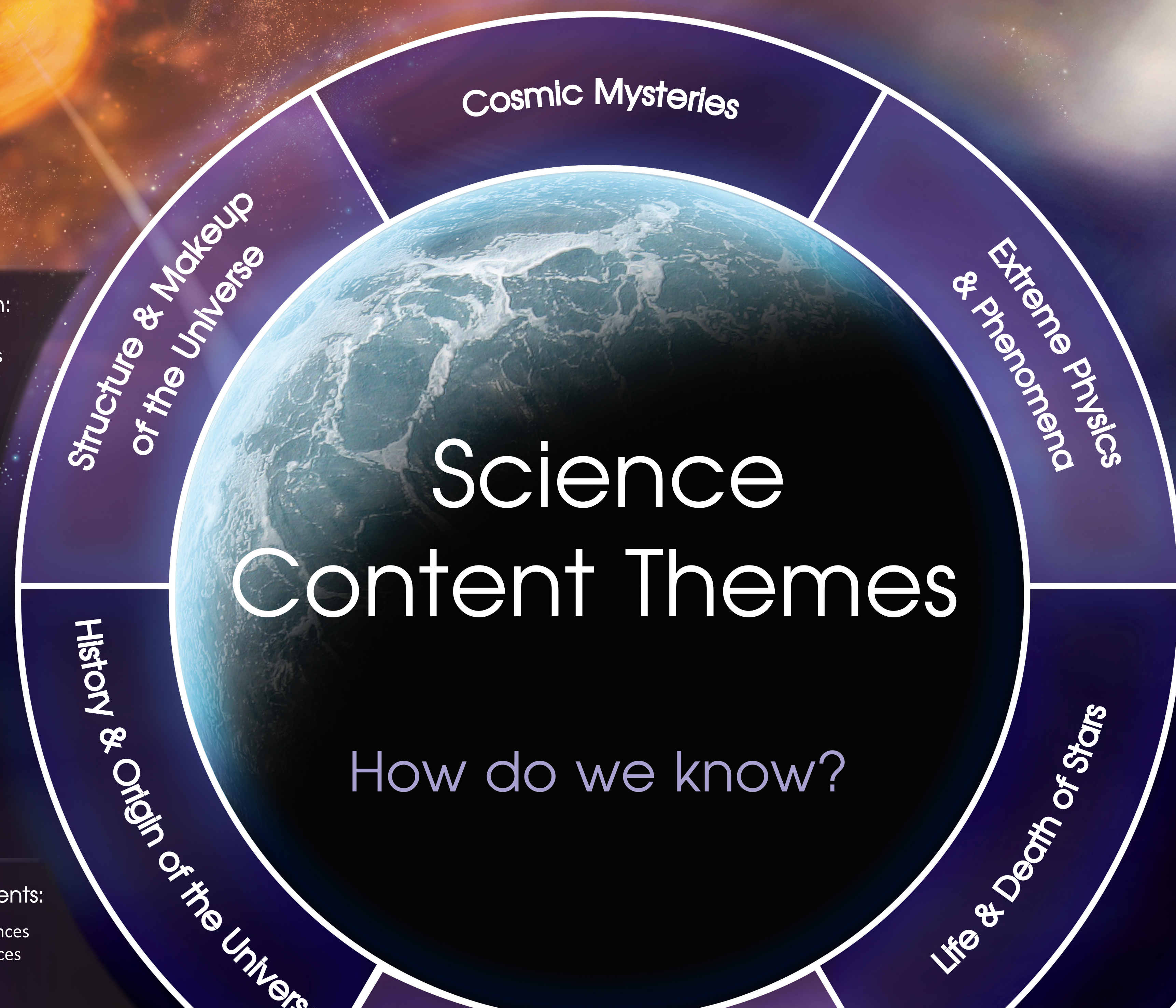


NASA's Universe of Learning



Partners and Collaboration:
We work with our partners and collaborators to ground resources in current, cutting-edge science, increase dissemination through networks, and reach otherwise hard-to-reach audiences.

- NASA's UoL Program Elements:**
- Data Tools & Participatory Experiences
 - Multimedia & Immersive Experiences
 - Exhibits & Community Programs
 - Professional Learning Experiences

- NASA's UoL Projects Include:**
- Astropix
 - Astroviz
 - Universe Unplugged
 - Coding Workshops
 - Accessible Learning Resources
 - Informal Learning Network
 - Three Pre-Service Partnerships
 - National Science Olympiad
 - ... and more (see pathway)

Subject Matter Experts (SME):
NASA's UoL engages SMEs from multiple institutions and missions across all of its projects to ensure accuracy and currency. SME database is in progress.

NASA's Universe of Learning provides resources and experiences that enable youth, families, and lifelong learners to explore fundamental questions in science, experience how science is done, and discover the universe for themselves.

NASA's Universe of Learning is a STEM Learning and Literacy program that:

- provides a direct connection to all NASA Astrophysics science
- uses a spectrum of ways to engage subject matter experts
- integrates mission discoveries and milestones from the past, present, and future into learning programs in a timely manner



GSAWN Outcomes:

- 94% learned about astronomy and space science
- 86% became more interested in astronomy and space science
- Impact was greatest for those who met a scientist or engineer

