Cubes in Space™

ingenuity taking flight™

CONCEPT OF OPERATIONS

PHASE 01

- develop inquiry and research skills
- discover the flight and environmental conditions associated with the suborbital vehicle
- conduct research
- develop experiment concept

January to Late February

PHASE 02

- submit Intent to Fly Form (IFF)
- operationally define pre-flight testing, data collection and analysis for experiment subject
- develop experiment concept into a full proposal
- submit Application for Spaceflight

Late February to Late April

PHASE 03

- develop experiment subject, conduct pre-flight testing, data collection and analysis
- integrate experiment subject into payload cube
- ship experiment payload cubes to Cubes in Space
- Sounding Rocket-12 (SR-12) and Research Balloon-11 (RB-11) launches from a NASA facility

Early May to Late August

PHASE 04

- experiment payloads returned to educators and students
- post-flight testing, data collection and analysis
- mission report completed and sent to Cubes in Space
- share results with school, media, STEM organizations, etc
- get ready for Cubes in Space 2027!

Late August to Late November

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