

# PASSAGE TO PLANET ROG

GRADES 1-6



## SUBJECTS



Life Science



Physical Science



Engineering



Biology



Earth and Space Science



Measurement and Data

## UNIT OVERVIEW

Passage to Planet ROG™ engages children in an exciting journey through space to a distant planet. Through a series of challenging missions, from establishing an outpost to making clay sculptures, children practice creativity, collaboration and communication as they develop solutions to explore this new place and then return home to Earth. Children also practice empathy and understanding of differences through observing alien lifeforms. This hands-on adventure empowers children to use their imaginations, make observations, collect data, apply engineering principles and practice responsible decision making.

### CURRICULUM HIGHLIGHTS

THIS UNIT EMPHASIZES THESE INNOVATION MINDSET HABITS:



Building confidence while working individually and in teams to survive on a new planet.



Applying creative problem-solving skills to complete missions and travel back to Earth.



Empowering the use of imagination and creativity to understand differences.

### UNIT PROTOTYPES

IN THIS UNIT, CHILDREN CREATE:

- Space Craft Repair Tools
- Planet ROG Outpost
- Communication Devices
- Planet ROG Inhabitant Sculptures
- Mineral Retrieving Device
- Transportation Device
- Space Travel Artifact