

Mars Engineering

Extreme-O-File Activity Pages

Name: _____



Mars Engineering

STEP 1: WHAT IS THE PROBLEM/CHALLENGE?

Team Mission:

Signs of Life (What can we search for?):

STEP 2: EXPLORE

Tools & Instruments that Curiosity will use:

STEP 3: DESIGN

Tools/Instruments that our rover will use to fulfill its mission:

- What will you use to power your rover?
- How will your rover move around?
- What tools will your rover use to explore Mars?
- How will it report back to scientists on Earth?
- Which materials will you use to represent each component of your rover and why?

STEP 4: CREATE

Draw & label it here



Work as a team to build your rover!

STEP 5: TEST IT OUT!