

MISSION TO MARS Teacher Training Registration Form

Teacher Name: _____

Home Phone #: _____

E-mail Address: _____



School Name: _____

School Phone #: _____ ext. _____ School Fax: _____

Principal Name: _____



District Name: _____

Superintendent Name: _____



Select one of the following training options:

Training for New Mission to Mars Teachers (*mandatory*)

In Person—Tuesday, 29 October 2019, 8:30 am–3:00 pm

OR

Training for Returning Mission to Mars Teachers

In Person—Thursday, 26 September 2019, 4:00 pm–5:30 pm

In Person— Tuesday, 29 October 2019, 8:30 am–3:00 pm

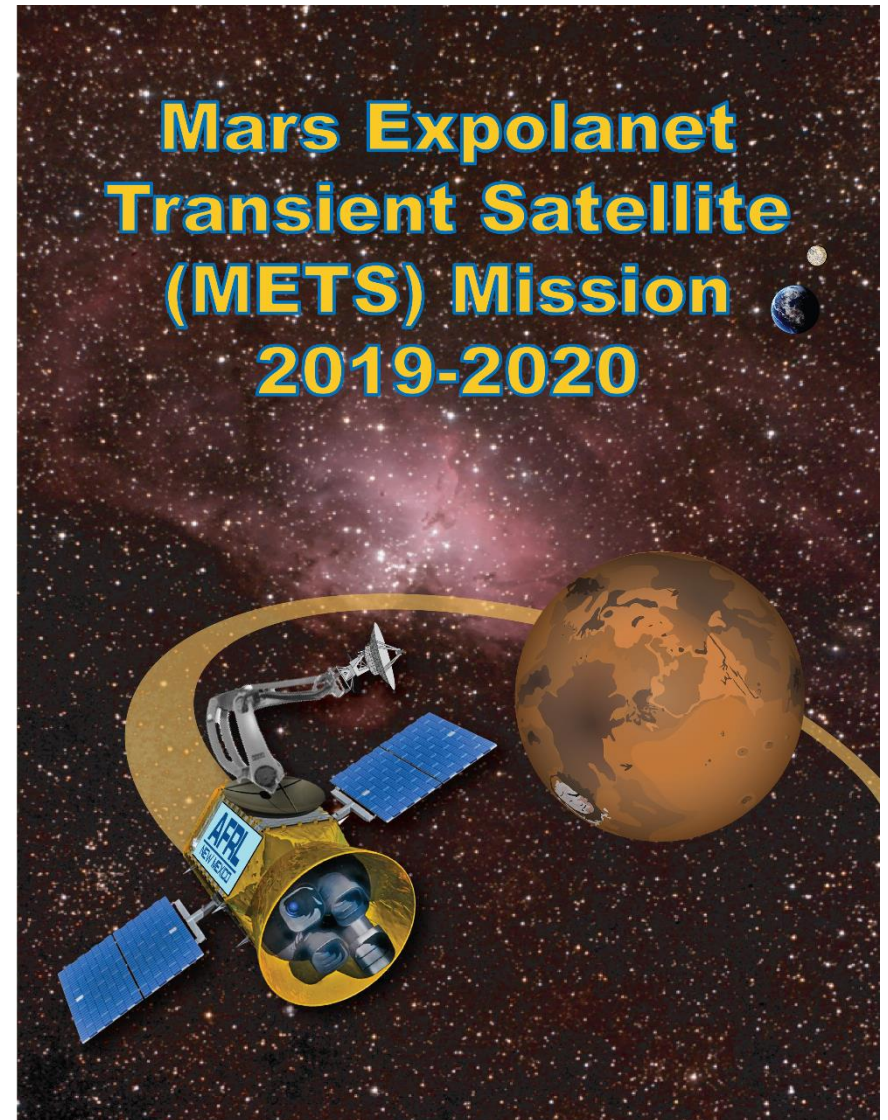
Online Training—open from 26 September–29 October 2019

Please submit completed forms to:

AFRL New Mexico STEM Academy
PO Box 9556
Albuquerque, NM 87119

OR

Fax: (505)
846-8932



**TEACHERS, TAKE YOUR FIFTH-
GRADE CLASSROOM ON A
JOURNEY TO MARS...**

MISSION TO MARS

Mission to Mars is a classroom-based Mars colonization simulation for fifth graders, sponsored by AFRL New Mexico STEM Academy. Students prepare for and simulate going on a manned mission to Mars to build a colony of habitats.

For approximately four months, students prepare for this mission through teamwork and problem-solving activities. Student **crews** create mission patches, write sagas, build life support systems, and communicate with **crews** from other schools to identify the location of their colony on Mars.

The mission culminates in a Link-Up Day activity in the spring, where **crews** come together to simulate the Mars mission. Each **crew** progresses through a series of holding stations to ensure they have completed the necessary preparations. Then, students construct their habitats and link them to form neighborhoods in their colony.

AFRL New Mexico STEM Academy provides teacher training, resource materials, plastic for the Martian habitats, and logistics coordination for the Link-Up Day activities.

This is a great opportunity to actively involve your students in an innovative application of science, technology, engineering, and math. Mission to Mars is an add-in activity designed to be motivating and hands-on, yet meet many of the *NM STEM Ready! Science and Common Core Standards*.

If you have questions or need additional information, please contact us at:

(505) 846-2677

OR

AFRL.RDMX.NMSTEMOutreach@us.af.mil

OR visit us on the web at:

<http://afrlnm.com/STEM>

YOU PROVIDE THE STUDENTS, THE ENTHUSIASM, AND THE CLASSROOM EXPERTISE, AND MAKE THE FOLLOWING COMMITMENTS:

- ◆ Complete and submit the Teacher Training Registration Form on the back of this flyer
- ◆ Attend an in-person or online mandatory teacher training session in September or October
- ◆ Ensure your school principal signs off on an EPA Modification form, and then submits the signed form
- ◆ Involve your fifth-grade class in the Mission to Mars
- ◆ Complete and submit a Crews Per Teacher form
- ◆ Provide miscellaneous materials for creating life support system models and decorations for the habitats
- ◆ Attend the **mandatory mid-year meeting on Tuesday, 11 February 2020**
- ◆ Arrange for a substitute teacher for mandatory in-person teacher training, and mid-year meeting sessions
- ◆ Arrange for transportation for your students to attend the Link-Up Day event
- ◆ Complete and submit Crew Registration forms
- ◆ Attend the **Link-Up Day event on Friday, 17 April 2020**, with your students, and provide other adult sponsors as necessary
- ◆ Complete and submit post-activity Teacher and Student Feedback forms