



THE EARTH WE SHARE™ – Space Race

“Creating a World of Science Experiences”

Name _____

Last

First

Middle

Home address: _____

City/State/Zip Code _____ Country _____

Home phone (____) _____ Cell/Mobile phone (____) _____

Email Address _____

Social Security number: _____

Principal: _____ School name _____

School address _____

City/State/Zip Code _____

School Phone (____) _____

Current Teaching Position _____ Years at this job _____

Education: _____

College

Highest Degree

Major _____ Date degree granted _____

Do you have a teaching certification/Teacher Credentials? _____ Describe: _____

Address and phone number we should use to contact you in June – August (if different from above):

I do hereby authorize The Dorothy Jemison Foundation for Excellence (DJF) to perform a background check, including, but not limited to, a criminal, employment, and/or academic achievement. I acknowledge that I am applying to be a consultant/sub-contractor and that this information may and can, be used to influence decisions on my selection. I agree that this authorization is effective immediately and will continue until the TEWS – Space Race 2012 project is complete and/or I notify DJF, in writing, that I withdraw this authorization. I certify that the information provided above is true and complete to the best of my knowledge.

Signature

Date

Please answer the following questions in the spaces provided.

1. List previous teaching or related experience, length, and include a brief description of courses taught:

2. Describe your outside activities and hobbies.

3. What special talent or resource will you bring to the TEWS-Space Race summer camp?

4. How do you hope to benefit from working at the camp this summer?

5. Which of the following potential Discovery Topics™ particularly interests you and why? What might be your approach?
 - ✦ Design an exercise program and equipment to keep teenagers healthy on Mars.
 - ✦ Food? What are we going to do for food on the way to Alpha Centuri?
 - ✦ A modern day Noah's Ark: What to do in case of a planetary disaster?
 - ✦ Explain the value of COBE, Hubble Space Telescope and why should we want to know how planets were formed.
 - ✦ Should we try to develop a weather machine?
 - ✦ Design the air transportation system for 2050.
 - ✦ Finding Worf: Is there intelligent life elsewhere in the universe?
 - ✦ Design a remote sensing system to improve health in the development of the least developed countries on earth.
 - ✦ Let's talk to each other. Design a "low cost" communications system for isolated areas.
 - ✦ Solve this problem: How many people can the Earth hold?
 - ✦ Design a mission to the Sun.
 - ✦ Design an energy system to power our trip to Io.

6. You will be requested to take professional development classes offered by NASA in person and online via webinars. Here are some examples: Train the Trainer, Theme Camps (Robotics Unplugged, Aeronautics, Designing for Space, Life Science, Mars Exploration Camp, Mission to Planet Earth, Rocketry, and Solar System Adventures). List your top four.

7. Explain the importance of STEM literacy in our world today and in the years to come.
8. If there is a question we should have asked or a comment you would like to make, please feel free to respond. Likewise, if you have answers to any of the following questions we would love to hear them.
- Are there any field trip ideas that you have that we should try to organize?
 - Are there particular experiments or activities that you think we ought to consider in our curriculum development?
9. Please list three references.