



Meet the **MARS** Challenge!



... and WIN prize money!!!

Identify a problem, challenge, or need that our Earthling pioneers of the Next Great Frontier, **MARS, will face in their new settlement and try to solve it!**

What is the **MARS Challenge?** There is a mission of colonizing Earthlings to live on the planet **MARS**, the Next Great Frontier. The student determines a specific problem, challenge, or need that this colony would face in this new settlement AND then that student would try to solve it! This is a S.T.E.A.M. challenge.

Categories of areas of need on M.A.R.S. (*the committee reserves the right to recategorize):

M (**MECHANICAL**): transportation, rockets, drones, robotics, energy, architectural, construction, engineering, atmosphere control, etc.

A (**AGRICULTURAL**): biology, food, water, soil, etc.

R (**RELATIONSHIP**): communications, art, recreation, psychology, government, religion, education, etc.

S (**SURVIVAL**): medical, waste management, food storage, fitness, etc.

Example: When there is a great deal of wind on Mars (MECHANICAL), how could I harness that for human use?

Who is encouraged to face the **MARS Challenge and what would they win?**

- Any student enrolled in 2nd through 8th grades during the 2018-2019 school year.
- A student OR a pair of students OR a group not exceeding a total of three students.
- We are giving prize money!!! (*If a winning entry contains more than one student, those members split the winnings evenly.)

FIRST ENERGY CORP. is generous in their commitment and support of our Celebration and Challenge by giving \$12,000 that we may divide it among the various winners and participating school districts!!!

How do you meet the **MARS Challenge?** Does your school already have a fair? Yes? Excellent!

While meeting your school's requirement for their fair, keep in mind our Mars Challenge requirements. Once your school fair is done, hold onto your project and resubmit it to our "Meet the MARS Challenge!" and you may win prize money!!! Your school doesn't have a fair? No, problem! Be ambitious and do it on your own for us!!! Remember our competition has to be Mars-themed; find a possible problem/challenge/need to living on Mars from one of the categories listed above & attempt to solve it! Far-out, right?!

When and where would the **MARS Challenge take place?** During the 3rd annual MARS EXPLORATION CELEBRATION (formerly known as the Mars New Year celebration) the students display their projects in the lower level of the Masonic building in downtown Mars (behind the Mars Bank) during the festival on May 31st through June 2nd, 2019. Judging and final determination of winners will also be announced on June 2nd.

Note: All judges' decisions are final. Soon an online submission form, fair rules, dates, judging criteria, terms and conditions will be listed on MARSNEWYEAR.COM under the "Student Challenge" tab. CONTACT: Shelly Watson at meetthemarschallenge@gmail.com

or Mary Snow for classroom presentations

724-272-9793

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