



Ottawa-Carleton Educational Space Simulation
29 Lisgar Street/440 Albert Street
Ottawa, Ontario
K2P 0B9

Who are we?

The Ottawa-Carleton Educational Space Simulation (OCESS), or Space Sim, is a non-profit organization dedicated to promoting a greater understanding of space research and exploration in all students. By conducting a 96-hour mission to a chosen planet, moon, or asteroid each year, Space Sim strives to foster initiative and responsibility in its members, while instilling love and respect for space and science.

The OCESS also offers the Elementary Education Program (EEP) and Planetarium presentation for schools across the OCDSB. These involve either inviting elementary level classes to conduct science demos at our facilities at the OCDSB administrative building on 440 Albert Street, or taking our inflatable planetarium on tour to other schools. We offer planetariums for both elementary and high school level classes.

The Galileo Challenge

The Galileo Challenge is a thirty question multiple-choice quiz on the subject of general science knowledge, but focusing more on space-oriented topics. Intended for those in Grade 9 to 10, it is meant to tie into and build on the astronomy learned as part the Grade 9 Science curriculum. This contest is designed to encourage interest in space science, and challenge all students to develop skills of scientific reasoning and application.

This year's first Galileo Challenge date is Friday, November 24, though schools have the option of writing it at another time, so long as results are submitted to the OCESS by the December 1 deadline. It will cost one dollar per student to register.

Registering for The Challenge

To register your students for the Galileo Challenge, you must fill out a form that is provided for you here, or can printed off directly from our website. Upon completing the sheet and including the appropriate payment, mail the registration form to our address. Once registered, you will receive an electronic copy of the challenge through BEAM or E-Mail as well as several *Scantron* answer cards, a week prior to the challenge date.

Marking the Challenge

Upon completion of the Challenge, all tests must be returned to Lisgar Collegiate Institute by mail. OCESS members will then mark them, and rank the students based on achievement. Students scoring in the top twenty-five percent in the Board will receive a Certificate of Merit, while top scorers for each grade level will receive an additional award of recognition. All other students will receive a certificate of participation.

With the students' permission, results of the challenge will be posted on our website, and the names and scores of the best performing students will be revealed.

Any Questions?

For more information as well as sample questions, please visit the OCESS website at spacesim.org.

All inquiries can be directed to commanders@spacesim.org.



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Ottawa-Carleton Educational Space Simulation Galileo Challenge Registration Form

Please send this form to:

Dr. J. Magwood
29 Lisgar Street
Ottawa, Ontario
Canada K2P 0B9
Fax: (613) 235 7497
Tel: (613) 239 2696

Name: _____

School: _____

Number of Grade 9 students: _____ x \$1.00 = _____

Number of Grade 10 students: _____ x \$1.00 = _____

Total = _____

Additional Requests: (we will try to accommodate them as best we can)

Circle all that apply:

- My students and I are interested in your Space Simulation Program, and would like to obtain more information concerning membership in that organization.
- I would like to request more information about, or plan, a **Planetarium** Visit to my School.