

Selection Criteria

Preference will be given to new or original projects. Further, the projects must:

- include the direct involvement of the collaborating scientist with students
- involve experiential or hands-on learning
- be aligned with Manitoba science curriculum
- involve students in solving problems, communicating scientific ideas and results, and making informed decisions

Applications

Application deadline for a *Manitoba Scientist in the Classroom* grant is May 6, 2011.

Applications are available online at:
<http://www.edu.gov.mb.ca/edu/grants.html>

All applications will be reviewed by a selection committee including educators and Manitoba Education staff.

Successful applicants will be informed in June 2011.

Mail, fax or e-mail completed applications to:

Manitoba Scientists in the Classroom Grants

509-1181 Portage Avenue
Winnipeg, Manitoba R3G 0T3
Fax: 204-945-1625

Email: daniele.dubois-jacques@gov.mb.ca

For further information, please contact John Murray at 204-945-7899.

Manitoba *Scientists* in the *Classroom* Grants

2011 – 2012



Manitoba 

Would you like your students to get excited about a career in science?

Are you a Kindergarten to Grade 12 teacher who wishes your students could better understand how the concepts they are learning in the classroom relate to the real world of science practice in the workplace?

Does the chance to provide your students with an opportunity to collaborate with someone who works in the field of science or technology sound appealing?*

* e.g. *veterinary technician, nurse, engineer, laboratory technician, computer scientist*

If you are interested, we invite you to apply for a grant that will help you accomplish these goals.

The Grants

Manitoba Education is introducing *Scientists in the Classroom* grants to support teachers in their efforts to collaborate with scientists who agree to engage with students in the classroom.

The grants, of up to \$1,000.00, will cover expenses such as teacher release time for planning, professional development and teaching/learning resources. Specifically, they are intended to:

- support schools in their efforts to encourage students to develop a critical sense of wonder and curiosity about scientific and technological endeavors
- contribute to exemplary practices in science education
- provide students with opportunities to interact with people working in the field of science

The Projects

Collaborating scientists must play a significant and active role in any proposed project. Further, the projects should:

- **be integrated in the curriculum** - where learning about science in the real world is embedded in the science curriculum and is not a separate topic
- **help develop critical thinking and problem-solving skills** – where students develop a variety of skills required for scientific and technological inquiry in a meaningful context
- **be applicable** - where curriculum content is linked to work done by a scientist
- **have a career focus** - where local scientists are involved, allowing students to make connections with career opportunities within their community

Eligibility

All Kindergarten to Grade 12 teachers in the English, Français or French Immersion programs in Manitoba public schools are eligible to apply.

Applications from urban, rural and northern public schools are encouraged.

At least twenty (20) projects will be selected and up to \$1,000.00 will be awarded to each selected school to support the planning and implementation of a project meeting the criteria.

The project planning and teaching should be undertaken in 2011-2012.