



TEACHER PROFESSIONAL REFERENCE:
EDUCATION FOR SUSTAINABLE
DEVELOPMENT
K-12 LEARNING RESOURCES

A Reference for Selecting Learning
Resources (February 2015)

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Manitoba Education and Advanced Learning
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Winnipeg, Manitoba, Canada

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Any websites referenced in this document are subject to change without notice. Educators are advised to preview and evaluate websites and online resources before recommending them for student use.

This resource is available on the Manitoba Education and Advanced Learning website at <www.edu.gov.mb.ca/k12/learnres/bibliographies.html>.

ACKNOWLEDGEMENTS

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C O N T E N T S

Acknowledgments.....	3
Contents	4
Introduction	5
Titles & Descriptions.....	8
Audience.....	11
Grade.....	12
Suggested Use.....	14
Distributor Directory.....	16

I N T R O D U C T I O N

Reference for Selecting Learning Resources

TEACHER PROFESSIONAL REFERENCE: EDUCATION FOR SUSTAINABLE DEVELOPMENT K-12 LEARNING RESOURCES is a reference tool provided by Manitoba and Advanced Learning to help educators select student and teacher learning resources to support the curriculum. Recommended learning resources may be purchased through the Manitoba Text Book Bureau (MTBB), and many of the titles may be borrowed from the Department's Instructional Resources Unit (Library).

The bibliography is arranged alphabetically by title, followed with indexes. The indexes may include audience, (for example, resource for teachers or resource for students), grade, distributor, category (for example, depth resource), and suggested use.

Learning Resources Reviews

Publishers submit resources for review in response to the Department's request for new learning resources to support provincial curricula. Teachers, nominated by superintendents of school divisions, are selected as teacher-evaluators. Using a collaborative review process, the teacher-evaluators examine the materials according to the resource-selection criteria to make recommendations regarding the suitability of the resources for Manitoba students and teachers.

Resource Selection Criteria

Learning resources are selected based on the basis of their fidelity with the rationale, philosophy, processes, and learning outcomes identified in each curriculum. Four evaluation criteria are used in selecting learning resources:

- **Curriculum Fit/Content/Philosophy:** the degree to which the content and processes of the resource align with the curriculum, thus providing support for curriculum implementation.
- **Instructional Design:** the degree to which the resource provides for multiple approaches to learning, has a wide range of use, is current, and reflects current pedagogical theory and practice.
- **Social Considerations:** the degree to which the resource is free of bias and stereotyping. The resource is examined for Canadian content, the use of culturally diverse examples, and accurate portrayal of First Nations, Inuit, and Métis peoples. Cautionary notes are added to alert teachers to potentially sensitive curriculum-fit issues or potential community concerns related to the resource.

- **Technical Design:** the degree to which the resource is visually appealing and has a logical and consistent form.

When selecting learning and teaching resources, teachers should consider how the resources meet the learning requirements of students, the perspectives of the student population, and local decisions related to the delivery of potentially sensitive content.

Terms and Definitions

The following terms and definitions are used to describe the learning resources:

- **Breadth:** identifies learning resources that address a wide range of student learning outcomes for a particular grade.
- **Depth:** identifies learning resources that provide effective learning experiences in greater detail for a narrower grouping of student learning outcomes.
- **Breadth and Depth:** identifies comprehensive learning resources that provide both breadth and depth dimensions for an extensive grouping of student learning outcomes.
- **Teacher Reference:** identifies resources that assist teachers in implementing the curriculum, including background information for teacher use; may identify teaching suggestions and learning activities.
- **Teacher Guide:** identifies a separate guide for teachers or a teacher's edition of a **Student Text**.

Purchase of Learning Resources

The learning resources described in the bibliography are available for purchase through the *Manitoba Text Book Bureau Catalogue of Learning Resources*. For information or assistance regarding the purchase of learning resources, contact:

The Manitoba Text Book Bureau (MTBB)

Box 910

Souris, MB R0K 2C0

Toll free: 866-771-6822 (Manitoba and Saskatchewan)

Telephone: 204-483-5040

Fax: 204-483-5041

Email: mtbb@gov.mb.ca

Online catalogue: <<http://www.mtbb.mb.ca>>

Borrowing Recommended Learning Resources

Most of the learning resources listed in the bibliographies are available to Manitoba educators through the Manitoba Education Library, located at 1181 Portage Avenue in Winnipeg.

The Education Library ships materials province-wide.

Search for recommended learning resources in the Education Library's online catalogue:

<http://library.edu.gov.mb.ca>

To learn more about the Education Library's services, visit the home page:

<http://www.edu.gov.mb.ca/k12/mel>

Contact Information:

For registration questions or information about your account, please contact:

204-945-5371

Toll Free: 1-800-592-7330

irucirc@gov.mb.ca

For help with searching or selecting Library materials, please contact:

204-945-7830

Toll Free: 1-800-282-8069 x.7830

iruref@gov.mb.ca



TITLES & DESCRIPTIONS

Teaching about Invasive Species: A Green Teacher Publication

Author(s):	Tim Grant	Audience:	Teacher
Year:	2014	Suggested Use(s):	Social Studies, Mathematics, English Language Arts, Health Education
Pagination:	74 p		
ISBN:	978-0-99377-533-8		
Format:	Print		
Publisher:	New Society Publishers	Date Recommended:	February 12, 2015
Distributor:	Green Teacher		

Subject/Grade

	K	1	2	3	4	5	6	7	8	9	10	11	12
Sustainable Development	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

This resource introduces learners of all ages to the causes, effects and science of invasive species by offering a wide variety of perspectives, approaches and activities.

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5

Author(s):	Tim Grant, Gail Littlejohn	Audience:	Teacher
Year:	2005	Suggested Use(s):	Science, Social Studies, Visual Arts, Mathematics, English Language Arts, Music, Physical Education, Health Education
Pagination:	242 p		
ISBN:	978-0-86571-534-9		
Format:	Print		
Publisher:	New Society Publishers	Date Recommended:	February 12, 2015
Distributor:	Green Teacher		

Subject/Grade

	K	1	2	3	4	5	6	7	8	9	10	11	12
Sustainable Development	✓	✓	✓	✓	✓	✓							

This resource offers educators background information and experiential activities to enhance learning about the environment and encourages elementary students to learn through engagement, exploration and taking action for positives change. It provides curricular frameworks and practical examples, games and stories from experienced teachers and experts, to instill passion for environmental citizenship.

Teaching Green: The High School Years: Hands-on Learning in Grades 9-12

Author(s):	Tim Grant, Gail Littlejohn	Audience:	Teacher
Year:	2009	Suggested Use(s):	Science, Social Studies, Visual Arts, Mathematics, English Language Arts, Music, Physical Education, Health Education
Pagination:	227 p		
ISBN:	978-0-86571-648-3		
Format:	Print		
Publisher:	New Society Publishers	Date Recommended:	February 12, 2015
Distributor:	Green Teacher		

Subject/Grade

	K	1	2	3	4	5	6	7	8	9	10	11	12
Sustainable Development						✓	✓	✓	✓				

This resource offers a way to develop student centered learning with authentic, useful, practical exemplars and support skill development and abilities in order to address complex sustainability issues. It contains innovative ideas and many experiential learning activities that incorporate environment, economy and health and well-being.

Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Author(s):	Tim Grant, Gail Littlejohn	Audience:	Teacher
Year:	2004	Suggested Use(s):	Science, Social Studies, Visual Arts, Mathematics, English Language Arts, Music, Physical Education, Health Education
Pagination:	238 p		
ISBN:	978-0-86571-501-1		
Format:	Print		
Publisher:	New Society Publishers	Date Recommended:	February 12, 2015
Distributor:	Green Teacher		

Subject/Grade

	K	1	2	3	4	5	6	7	8	9	10	11	12
Sustainable Development	✓	✓	✓	✓	✓	✓							

This resource offers experiential lessons and projects that develop critical thinking and decision making skills using the natural environment as a context for learning. By supporting students to develop a relationship with the natural environment they can then begin to develop attitudes and values and more sustainable behaviors.

A U D I E N C E

Teacher

Teaching about Invasive Species: A Green Teacher Publication

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5

Teaching Green: The High School Years: Hands-on Learning in Grades 9-12

Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

GRADE

Kindergarten

Teaching about Invasive Species: A Green Teacher Publication

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5

Grade 1

Teaching about Invasive Species: A Green Teacher Publication

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5

Grade 2

Teaching about Invasive Species: A Green Teacher Publication

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5

Grade 3

Teaching about Invasive Species: A Green Teacher Publication

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5

Grade 4

Teaching about Invasive Species: A Green Teacher Publication

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5

Grade 5

Teaching about Invasive Species: A Green Teacher Publication

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5

Teaching Green: The High School Years: Hands-on Learning in Grades 9-12

Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Grade 6

Teaching about Invasive Species: A Green Teacher Publication

Teaching Green: The High School Years: Hands-on Learning in Grades 9-12

Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Grade 7

Teaching about Invasive Species: A Green Teacher Publication

Teaching Green: The High School Years: Hands-on Learning in Grades 9-12

Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Grade 8

Teaching about Invasive Species: A Green Teacher Publication

Teaching Green: The High School Years: Hands-on Learning in Grades 9-12

Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Grade 9

Teaching about Invasive Species: A Green Teacher Publication

Grade 10

Teaching about Invasive Species: A Green Teacher Publication

Grade 11

Teaching about Invasive Species: A Green Teacher Publication

Grade 12

Teaching about Invasive Species: A Green Teacher Publication

SUGGESTED USE

English Language Arts

Teaching about Invasive Species: A Green Teacher Publication
Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5
Teaching Green: The High School Years: Hands-on Learning in Grades 9-12
Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Health Education

Teaching about Invasive Species: A Green Teacher Publication
Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5
Teaching Green: The High School Years: Hands-on Learning in Grades 9-12
Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Mathematics

Teaching about Invasive Species: A Green Teacher Publication
Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5
Teaching Green: The High School Years: Hands-on Learning in Grades 9-12
Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Music

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5
Teaching Green: The High School Years: Hands-on Learning in Grades 9-12
Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Physical Education

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5
Teaching Green: The High School Years: Hands-on Learning in Grades 9-12
Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Science

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5
Teaching Green: The High School Years: Hands-on Learning in Grades 9-12
Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Social Studies

Teaching about Invasive Species: A Green Teacher Publication
Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5
Teaching Green: The High School Years: Hands-on Learning in Grades 9-12
Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

Visual Arts

Teaching Green: The Elementary Years: Hands-on Learning in Grades K-5
Teaching Green: The High School Years: Hands-on Learning in Grades 9-12
Teaching Green: The Middle Years: Hands-on Learning in Grades 6-8

D I S T R I B U T O R D I R E C T O R Y

Resources in this bibliography can be purchased through the Manitoba Text Book Bureau (MTBB).

MTBB The Manitoba Text Book Bureau

Box 910

Souris, MB R0K 2C0

Toll free: 866-771-6822 (Manitoba and Saskatchewan)

Telephone: 204-483-5040

Fax: 204-483-5041

Email: mtbb@gov.mb.ca

Online catalogue: <http://www.mtbb.mb.ca>

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