



Destination Conservation Saskatchewan (DCS) 2016/17 School Based Learning in Environmental Education – In School Workshops

Destination Conservation Saskatchewan (DCS) provides your school with the opportunity to have two workshops in environmental education. Each workshop is two hours long. These workshops can be scheduled in fall 2016 and winter 2017. If you have more than one class that is interested, the same workshop can be offered twice in one day.

Workshop Details for Set 1:

Lifestyle – This two-hour workshop introduces the behaviours that help to save water and energy, and reduce waste. Students will explore display stations that provide hands on examples of why and how changing behaviours can save water and energy, and reduce waste. For example, students will discover transportation and energy issues, composting, and recycling stations. Students will learn to plan campaigns that help their class or school conserve energy or water, or reduce waste.

Technical – This two-hour workshop introduces technology and skills that help to save water and energy, and reduce waste. Students will explore display stations that provide hands on examples of why and how water and energy can be saved. For example, students will discover energy efficient lighting, home heating and insulation, and water conservation stations. Students will learn to do energy, water, and waste audits at their schools. Students will learn to plan a related conservation plan.

Alternate Second Workshop – The second workshop can be tailored to fit the energy, water, or waste inquiry your class has chosen. Using hands on materials, energy audits, and campaigns, the workshop will focus on helping students understand the issues, find solutions, and move forward with an action plan to make changes.

DCS will provide:

- all the materials to present the workshops, plus two facilitators for each workshop.
- lesson plans and additional resource materials that connect with the Saskatchewan Curriculum.
- follow-up support by email and/or phone to help with the planning and implementation of your school's campaign(s), as well as help finding additional resources.

The school will provide:

- a lead teacher, and educational assistants as necessary to work with students during the workshop.
- students. Each group can consist of up to thirty students. The group can be made up of either a few students from each class or one whole class.
- a space that can accommodate five large tables and a whiteboard.
- \$50 for the two workshops.

Full agendas and curriculum connections are attached.



**Destination Conservation Saskatchewan
LIFESTYLE WORKSHOP
2016/17**

Introduction

Energy, Water, Waste

- Sponsors
- Current and past campaigns

5 minutes

Section One

Lifestyle Stations

- Transportation
- Recycling
- Composting
- Lights Half Off Case Study

60 minutes (13
minutes per station)

Section Two

Power of One

20 minutes

Section Three

Campaign Planning

- Overview of student lifestyle campaign planning
 - ✓ Brainstorm
 - ✓ Barriers
 - ✓ Benefits
- Students plan campaigns

30 minutes

Section Four

Wrap-up

- Present plans
- Evaluations

5 minutes

Total: 2 hours



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**Destination Conservation Saskatchewan
TECHNICAL WORKSHOP
2016/17**

Introduction

Energy, Water, Waste

- Sponsors
- Current and past campaigns

10 minutes

Section One

Energy and Water Technology Stations

- Efficient Lighting
- Water Conservation
- Keeping the Heat In
- Energy Tips

60 minutes (13
minutes per station)

Section Two

Energy Mapping

15 minutes

Section Three

Technical Audit Training (Overview)

- Overview of student technical audit process
- Students conduct 'test' audits
 - ✓ Water
 - ✓ Drafts
 - ✓ Recycle/Waste
 - ✓ Lighting

25 minutes

Section Four

- Results of audits
- Campaign ideas
- Evaluation

10 minutes

Total: 2 hours



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Curriculum Connections to DCS Technology and Lifestyle Workshops

GRADE LEVEL	TECHNOLOGY WORKSHOP	LIFESTYLE WORKSHOP
Kindergarten	Social Studies, RWK.2 Health Education, USCK.1	Social Studies, RWK.2 Health Education, USCK.1
Grade 1	Health Education, USC1.1	Health Education, USC1.1 ELA, CC1.1
Grade 2	Physical Science, LS2.2 Social Studies, DR2.2, PA2.2, RW2.2	Physical Science, LS2.2 Social Studies, DR2.2, PA2.2, RW2.2 Health Education, USC2.1, USC2.2, USC2.4
Grade 3		Life Science, PL3.2 Physical Science, SM3.1 Earth and Space Science, ES3.1
Grade 4	Physical Science, LI4.3 Social Studies, RW4.1	Earth and Space Science, RM4.2 Health Education, AP4.1
Grade 5	Earth and Space Science, WE5.3 Social Studies RW5.1	Physical Science, MC5.3 Social Studies, DR5.2, RW5.1, RW5.2 Health Education, USC5.1, AP5.1 ELA, CC5.1, CC5.4, AR5.1, AR5.2
Grade 6	Physical Science, EL6.1 Social Studies, RW6.1, RW6.2	Life Science, DL6.5 Social Studies, RW6.1, RW6.2
Grade 7	Physical Science, HT7.1 Social Studies, RW7.3, RW7.3	Life Science, IE7.2, IE7.3, IE7.4 Physical Science, MS7.2 Earth and Space Science, EC7.1, EC7.2, EC7.3 Social Studies, RW7.2, RW7.3
Grade 8	Physical Science, OP8.1 Earth and Space Science, WS8.1, WS8.2, WS8.3 Health Education, USC8.6	Earth and Space Science, WS8.1, WS8.2, WS8.3 Social Studies, RW8.2, RW8.3 Health Education, USC8.6
Grade 9	Physical Science, CE9.3, CE9.4	Health Education, USC9.5, AP9.12
Grade 10	Life Science, SE1, SE2, SE4, SE5	Life Science, SE1, SE2, SE4, SE5 Earth and Space Science, WD5