Migiziwag

Algoma District School Board

Outdoor Education Program

Michelle Hawkins
Joe Maurice
Develop a Specialist High Skills Major program offering in the environment, in accordance with ministry approved frameworks, and share effective practices associated with these and other integrated environmentally themed learning opportunities.

Identify interdisciplinary links for environmental education at the secondary level so that schools can offer integrated programs of courses with an environmental theme.

Use the natural and human-built environments as sites of discovery and active learning, involving projects that invite problem solving, as well as first-hand experiences that put students in touch with nature.
What is Migiziwag?

► ADSB Outdoor Education Program
  ▪ Alternative Program for At-Risk Students
What is Migiziwag?

► ADSB Outdoor Education Program

- A package of 3 credits

  **Semester One:**
  - CGT3E – Geographics: Geographer’s Toolkit
  - PPZ3O – Health for Life
  - IDC3O – Outdoor Skills

  **Semester Two:**
  - ISP/SNC2P
  - CGR4M/4E – Environment & Resource Management
  - PAD3O – Phys-Ed: Outdoor Education

- Plus a 4th Compulsory, ISP or Credit Recovery credit:
  - Individualized program
  - Catch up on grade 9/10 compulsory credits

- Certifications & Training
  - CPR, First Aid, WHIMIS, GPS...
Student Support

► Partnerships
  - Sault College
  - Garden River & Batchewana First Nations
  - Sault Ste. Marie Conservation Authority
  - Heyden Adventure Camp
  - OPC Learning Foundation

► Lifestyle Choices/Mental Well-Being
  - Algoma Family Services (Drugs, Alcohol, Anger Management)
  - Algoma Public Health (Tobacco, Sexuality, Health)
  - Garden River First Nation Counsellors
  - SJD School & Attendance Counsellor, Guidance, SERT, Literacy Support Teacher, & Student Success (Anti-Bullying, Attendance, Stress, Goals, Post Program Planning)
Results Summary

- 12-14 students enrolled – maximum size, with waiting list
- Most earned 3 to 4.5 credits per semester
- All came into the program with:
  - very poor attendance last year and at the beginning of this year,
  - with very poor credit accumulation last year & previous years, and
  - were at-risk of being unsuccessful in all credits this year prior to entering the program
- Many also came in with poor behaviour records (high suspension & detention rates)
- Several have expressed interest in Sault College and other post-secondary programs as a result of program activities
Peter & Mark
Peter & Mark
Academic Data - Credit Accumulation

<table>
<thead>
<tr>
<th>Credits Earned</th>
<th>Peter</th>
<th>Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before</td>
<td>+8.5</td>
<td>+8</td>
</tr>
<tr>
<td>After</td>
<td>16</td>
<td>20</td>
</tr>
</tbody>
</table>

+8.5
+8
Peter & Mark
Attendance Data

Days Absent
-59
-39

Last Year
Outdoor Education

* Not Including Days Suspended
Peter & Mark

Behaviour Data - Suspensions

<table>
<thead>
<tr>
<th></th>
<th>Last Year</th>
<th>Outdoor Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peter</td>
<td>-6</td>
<td></td>
</tr>
<tr>
<td>Mark</td>
<td>-11</td>
<td></td>
</tr>
</tbody>
</table>
Peter & Mark
Behaviour Data - Detentions

Detention Hours

-21

-24

Peter
Mark

Last Year
Outdoor Education

Migiziwag
Three Girls
Kayla, Tamira & Julia
Kayla, Tamira & Julia
Academic Data - Credit Accumulation

Kayla: +7
Tamira: +9.5
Julia: +7

Migiziwag
Kayla, Tamira & Julia
Attendance Data

<table>
<thead>
<tr>
<th></th>
<th>Last Year</th>
<th>Outdoor Education</th>
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</thead>
<tbody>
<tr>
<td>Julia</td>
<td>-60</td>
<td>0</td>
</tr>
<tr>
<td>Kayla</td>
<td>-68</td>
<td>0</td>
</tr>
<tr>
<td>Tamira</td>
<td>-64</td>
<td>0</td>
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</tbody>
</table>
Student Success – 4 Pillars
- Literacy, Numeracy, Pathways, 3C’s
- Indicators of Student Success
  - Credit Accumulation, Compulsory Credit, Retention Rates, ……

Aboriginal Education
- Reduce Achievement Gaps, Improve Retention Rate

Environmental Education – Roberta Bondar Report

Outdoor & Experiential Education – renewed emphasis

Safe Schools
## Selected Indicators of Student Success

### CREDIT ACCUMULATION

<table>
<thead>
<tr>
<th>Student (Years in High School)</th>
<th>Previous Credit Accumulation</th>
<th>New Credit Accumulation</th>
<th>Change in Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tamira (6)</td>
<td>20.5</td>
<td>30</td>
<td>+9.5</td>
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<tr>
<td>Peter (2)</td>
<td>6</td>
<td>14.5</td>
<td>+8.5</td>
</tr>
<tr>
<td>Mark (2)</td>
<td>11</td>
<td>19</td>
<td>+8</td>
</tr>
<tr>
<td>Oliver (1)</td>
<td>4</td>
<td>12</td>
<td>+8</td>
</tr>
<tr>
<td>Nick (2)</td>
<td>11.5</td>
<td>19</td>
<td>+7.5</td>
</tr>
<tr>
<td>Julia (5)</td>
<td>19</td>
<td>26</td>
<td>+7</td>
</tr>
<tr>
<td>Kayla (4)</td>
<td>15</td>
<td>22</td>
<td>+7</td>
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</table>
Credits Earned Compared to Previous School Year

January 2009 Update

<table>
<thead>
<tr>
<th>Student #</th>
<th>Number of Credits</th>
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<tr>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td>7</td>
<td>5</td>
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</table>

Legend:
- RED: Semester One in Program
- YELLOW: Previous Year (Two Semesters)
## Selected Indicators of Student Success

### ATTENDANCE

<table>
<thead>
<tr>
<th>Student</th>
<th>Classes Absent Last Year</th>
<th>Absences in Outdoor Education</th>
<th>Change</th>
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</thead>
<tbody>
<tr>
<td>Nick</td>
<td>90</td>
<td>*20</td>
<td>-70</td>
</tr>
<tr>
<td>Kayla</td>
<td>74</td>
<td>6</td>
<td>-68</td>
</tr>
<tr>
<td>Tamira</td>
<td>70</td>
<td>6</td>
<td>-64</td>
</tr>
<tr>
<td>Julia</td>
<td>66</td>
<td>6</td>
<td>-60</td>
</tr>
<tr>
<td>Peter</td>
<td>64</td>
<td>5</td>
<td>-59</td>
</tr>
<tr>
<td>Mark</td>
<td>44</td>
<td>5</td>
<td>-39</td>
</tr>
<tr>
<td>Oliver</td>
<td>30</td>
<td>3</td>
<td>-27</td>
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</table>
## Selected Indicators of Student Success

### SUSPENSION DATA

<table>
<thead>
<tr>
<th>Student</th>
<th>Suspension Days Last Year</th>
<th>Suspension Days in Outdoor Education</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adrian</td>
<td>46</td>
<td>11</td>
<td>-35</td>
</tr>
<tr>
<td>Derek</td>
<td>18</td>
<td>0</td>
<td>-18</td>
</tr>
<tr>
<td>Mark</td>
<td>15</td>
<td>4</td>
<td>-11</td>
</tr>
<tr>
<td>James</td>
<td>10</td>
<td>0</td>
<td>-10</td>
</tr>
<tr>
<td>Brad</td>
<td>8</td>
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<td>-8</td>
</tr>
<tr>
<td>Peter</td>
<td>9</td>
<td>3</td>
<td>-6</td>
</tr>
<tr>
<td>Oliver</td>
<td>4</td>
<td>1</td>
<td>-3</td>
</tr>
<tr>
<td>Nick</td>
<td>2</td>
<td>0</td>
<td>-2</td>
</tr>
</tbody>
</table>
## Selected Indicators of Student Success

### DETENTION DATA

<table>
<thead>
<tr>
<th>Student</th>
<th>Detention Hours Last Year</th>
<th>Detention Hours in Outdoor Education</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mark</td>
<td>25</td>
<td>1</td>
<td>-24</td>
</tr>
<tr>
<td>Adrian</td>
<td>25</td>
<td>2</td>
<td>-23</td>
</tr>
<tr>
<td>Peter</td>
<td>21</td>
<td>0</td>
<td>-21</td>
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<tr>
<td>Derek</td>
<td>21</td>
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<td>-21</td>
</tr>
<tr>
<td>Brad</td>
<td>17</td>
<td>0</td>
<td>-17</td>
</tr>
<tr>
<td>Oliver</td>
<td>15</td>
<td>0</td>
<td>-15</td>
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</tbody>
</table>
Aboriginal Students
Credits Needed to Graduate After Outdoor Education - Aboriginal Students
Tamira
“Student on the Move”

After 6 years of secondary school:

► Made the “Honour Roll” in Semester One!

► Completed 9.5 credits while in the Outdoor Education Program and graduated in June

► Recipient of Algoma District School Board Aboriginal Achievement Award at graduation

► Started Police Foundations Program through Northern College
...Before coming to this outdoor class I had only passed one full semester .......... but this time I have a feeling I’m going to pass them all.

I used to have a track record of days missed and lates, but for some reason being in this class I don’t feel the need to take a day off or being lazy and not making it on time.

I now enjoy coming to school and I enjoy the work that we do everyday outside.
Last year I was asked, “what do you want to be after you are done all your schooling” and at that point I really did not have an answer.

I had never thought of it that much and I didn’t see much for my future, the vision I had was laying around and enjoying not doing nothing.

Being in this class has opened my eyes to the possibilities that I still had, and with the help of Miss Hawkins I know that I want to do in college and what I want to become.                          - Tyler S.
Peter & Mark

“Getting on Track & Choosing a Pathway”

Environment Specialist
High Skills Major

Plan to be the first Environment SHSM graduates in June 2010
“I’m going to college!”
The Success Story Continues……

The Class of 2007-2008 in Semester One (2008-09)

Credits Earned - Sem 1 (2008-09)
More ways to succeed in high school:

a booklet for parents and students

What’s inside?

- Introduction for parents
- New programs that help students earn credits
- New ways for students to learn outside the regular classroom
- Stories of students who have used these programs to succeed

Migiziwag
Migiziwag
“Eagles”

Hope
Strength
Vision
Courage
Wisdom
Pride
Good Fortune

Outdoor Education