Student Research

In all modules, student designed, implemented, and presented research on adolescent health issues is emphasized.

- Understanding large health problems.
- Identifying researchable question.
- Designing research plan.
- Data collection, representation and interpretation.
- Communication.
Developing a Research Poster

★ **Research Question**: Title the Poster with the Researchable Question.

★ **Introduction and Relevance**: A paragraph explaining the problem you are researching - how is it relevant to adolescent/community health? Why did you choose it? Why is it important?

★ **Methods**: Short description of research method, including number of sample/survey, example of survey used, time, etc.

★ **Graphic representation** of data using appropriate graph type.

★ **Conclusion**: Paragraph summary of research, what was learned, what it means for adolescent/community health, ideas for future research.

★ **Investigators**: the research team, name and school they are from.

★ **Acknowledgements**: thank you to people who helped, donated time, materials, participants, etc.
Presenting at the Symposium

★ **Short Welcome:** The symposium starts with a short welcome by project staff and associated researchers.

★ **Student Posters:** Some students will show their posters during a public poster viewing time, though not present.

★ **Student Presentation:** 16 - 20 student research teams will present their posters and research in small groups of four to six research groups/session. The four to five research presentation sessions will run concurrently.

★ **Five Minute Presentations and Q&A:** Students presenting should be prepared (practice!) for a five minute presentation highlighting their research question, its relevance, their methods, their findings, and any surprises for suggested next steps (the “so what?”).

★ **Audience Participation:** Small audiences (12-18 people) will listen to each presentation. The audience will be composed of peers, teachers, project staff, parents, and researchers. The audience will be expected to listen, then ask specific questions to the students related to their research. Questions are often in regards to either the research design, the research question’s relevance, or the students findings.

Tuesday, December 6, 2011
A Friendly Audience
Research Question: Which of two snack foods, whole wheat pretzels or Hershey Kisses, do teachers prefer when left in the school office?

<table>
<thead>
<tr>
<th></th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Candy</td>
<td>200g</td>
<td>108g</td>
<td>154g</td>
<td>70g</td>
</tr>
<tr>
<td>Pretzels</td>
<td>53g</td>
<td>200g</td>
<td>200g</td>
<td>100g</td>
</tr>
<tr>
<td>Total</td>
<td>253g</td>
<td>218g</td>
<td>388g</td>
<td>170g</td>
</tr>
</tbody>
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Our data below shows us that people that came in and out of the office during the day ate more pretzels (fat free) than candy (full of calories).

Acadia and Brittney decided to do this experiment to show on how much on a daily basis an average person eat's in between meals. We thought it would be cool to see the results that came back to us.

<table>
<thead>
<tr>
<th>Key/Code</th>
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<tbody>
<tr>
<td>MW = Morning Weight</td>
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<tr>
<td>EW = Evening Weight</td>
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</table>

Conclusion: Our conclusion was that both times teachers ate more pretzels. Our first test when the teachers did not know what was going on. The second time when there was a sign saying what was going on.
Research Question: Which type of milk is preferred by students at Central Vermont Catholic School?
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<table>
<thead>
<tr>
<th>type of milk</th>
<th># of students</th>
</tr>
</thead>
<tbody>
<tr>
<td>chocolate</td>
<td>49</td>
</tr>
<tr>
<td>2%</td>
<td>21</td>
</tr>
<tr>
<td>skim</td>
<td>17</td>
</tr>
</tbody>
</table>
Research Question: Which of two snack foods, whole wheat pretzels or Hershey Kisses, do teachers prefer when left in the school office?
Research Question: Why do students choose to participate in team sports?
Research Question: Is there a difference in the amount of fruits and vegetables people eat in northern climates vs southern climates?
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