Reducing Food Waste in Morgan Dining Hall

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**Recommended Citation**
Filippone, Mikayla; Ludhani, Ayesha; Partlow III, Edward; and Vertoni, Mariana, "Reducing Food Waste in Morgan Dining Hall" (2012). Great Problems Seminar Posters (All Posters, All Years). 125.
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Benefits
- Reduce waste by 40-45%
- Environmentally friendly
- Greater profit
- Enhanced reputation

Chartwells
- WPI
- Public Relations

Problem
Excess waste in WPI Morgan Dining Hall due to:
- Students take more food than they need
- Students want to “Get their money’s worth”
- Unfavorable taste
- Pre-determined portions

All of the above leads to the wasting of:
- Resources
- Energy
- Money

Implemented System

Average Per-Student Waste at Morgan Dining Hall

<table>
<thead>
<tr>
<th>Waste per person (Lb)</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Average of Both Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breakfast</td>
<td>0.12</td>
<td>0.15</td>
<td>0.17</td>
</tr>
<tr>
<td>Lunch</td>
<td>0.12</td>
<td>0.20</td>
<td>0.20</td>
</tr>
<tr>
<td>Dinner</td>
<td>0.12</td>
<td>0.19</td>
<td>0.17</td>
</tr>
<tr>
<td>Daily Total*</td>
<td>0.55</td>
<td>0.52</td>
<td></td>
</tr>
</tbody>
</table>

*Assuming every student ate three meals a day.

Solutions
- Reward students for reduced waste
- Promote student involvement
  - Posters
  - Announcements
- Option for self serve

References

1. students
2. Reward students for reduced waste
3. Promote student involvement
4. Option for self serve
5. the upcoming service and goal will be displayed and announced.

Costs
There will be no new costs. The student choice meals will be a substitution.

<table>
<thead>
<tr>
<th>Students</th>
<th>Reduce Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Choice Meals</td>
<td>Chartwells</td>
</tr>
</tbody>
</table>

1. Students
2. Reduce Waste
3. Chartwells

1. Weekly waste is compared to a set standard.
2. Students are rewarded with special meals of their choice if waste is below a set limit.
3. The limit will change weekly.
4. Students have the option of self serve at all stations.
5. The upcoming service and goal will be displayed and announced.