Public Goods and Bads

Joshua Winicki
Oregon Council for Economic Education
Wilson HS, PPS
## The task list

<table>
<thead>
<tr>
<th>Review of PUBLIC ECONOMICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Examples of public GOODS</td>
</tr>
<tr>
<td>Examples of public BADS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Studies Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public goods and bads</td>
</tr>
<tr>
<td>Projects</td>
</tr>
</tbody>
</table>

- Field trip
  - Other public goods and bads
PUBLIC GOODS

TEXTBOOK:
- Non-rival
- Non-excludability
- Public cost MORE than private cost
- Public benefit MORE than private benefit

Partner A: Another non-rival good
- Concert
- Clean air
- Tailpipe emissions
- Library, education

Partner B: Another non-excludable good
Externalities

Where was your partner born?
Public Goods

The task list:
- Review of Public Economics
- Examples of public Goods
- Examples of public BADS
Firefighters Watch House Burn
Put Out Field Fire, Ignore House
Water Bureau Electricity Use Across Operations (2011)

Pumping water is the single largest user of electricity

- Pumping water to higher elevations: 58%
- Pumping groundwater: 21%
- Heating and cooling occupied buildings: 8%
- Pumping water in fountains: 5%
- Disinfecting: 4%
- Other electricity uses: 4%
Social Studies Class

The task list

- Review of PUBLIC ECONOMICS
- Examples of public GOODS
- Examples of public BADS

Social Studies Extension
- Public goods and bads
- Projects

Some slides from class

Field trip
- Four things purchased last weekend

<table>
<thead>
<tr>
<th>STUDENTS</th>
<th>PARENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. _______</td>
<td>1. _______</td>
</tr>
<tr>
<td>2. _______</td>
<td>2. _______</td>
</tr>
<tr>
<td>3. _______</td>
<td>3. _______</td>
</tr>
<tr>
<td>4. _______</td>
<td>4. _______</td>
</tr>
</tbody>
</table>
Which do you prefer?

WHY?

WHY?
Results

• Group work
  – 19 would rather work in group
  – 4 would rather work individually
  – 8 mixed

• Choose groups
  – 23 prefer picking own group
  – 5 prefer random grouping
  – 2 said it depends
How much do you value...
Five guys
iTouch
Toilet
Running water
Roads
Radio
Air
Focusing on garbage
Our public good

Landfill maps on google maps. Editable viewer
Projects

Powerpoint presentations
Consumption ($40,000 to spend, aka demand)
Commercials to TV programming

Account for and categorize:
Spending by household
Use of water
Amount of garbage produced
Field Trip

Water treatment facility
  How sewage is treated
Rebuilding Center
  Alternative to the landfill
Mississippi Pizza
Metro South Transfer Station
  Where our garbage goes
Home Depot (built on old landfill)

Making WORKBOOK
  Page 1: Water Treatment Facility
  Page 2: ReBuilding Center
  Page 3: Metro South Transfer Station
  Page 4: Home Depot
Suggestions?

Landfill

Water treatment

What else?
New topics

Goods:
- Background knowledge
- Projects
- Field trip

Bads:
- Background knowledge
- Projects
- Field trip
Summarize

Questions or comments or materials:
fjwinicki@gmail.com