**Power Ville Feedback Survey**

1. To what extent did this assignment in the game seem like a realistic engineering problem?

* Not Very. It was like any other textbook assignment.
* Somewhat. It was more realistic than working problems in a textbook.
* Very. It seemed like something I might do some day on a job.

2. Please rate the usability of the following game tools

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Q2 response options | Unassisted on 1st attempt | Unassisted on 2-5 attempts | With peer help | With teacher’s help | Did not use |
| KWS |  |  |  |  |  |
| Road map |  |  |  |  |  |
| Online chat with your group players |  |  |  |  |  |
| Simulator |  |  |  |  |  |
| Programming code |  |  |  |  |  |
| Information acquisition tools |  |  |  |  |  |

3. In the game, you gathered information on power sources by talking to the Mayor and energy experts in the information acquisition stage. How often did you use the following tools during this stage?

4. In the game, you analyzed information for your final report in the analysis and decision making stage. How often did you use the following tools during this stage?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Q3-4 response options | 1-2 times  | 2-4 times  | 4+ times  | never |
| KWS  |  |  |  |  |
| Roadmap  |  |  |  |  |
| Online Chat  |  |  |  |  |

5. How helpful were the following tools for you to accomplish the assignment in the game?

|  |  |  |  |
| --- | --- | --- | --- |
| Q5 response options  | Not very. They made no difference in my game progress. | Somewhat. They helped, but I could have succeeded without them. | Very. They really helped me understand what I had to do next. |
| KWS |  |  |  |
| Road map |  |  |  |
| Online chat with your group players |  |  |  |
| Videos on different energy sources |  |  |  |
| Mini-quizzes |  |  |  |
| Simulator |  |  |  |
| Programming code |  |  |  |

6. If you could keep only one of these tools in the game, which one would you select?

7. If you could eliminate only one of these tools in the game, which one would you remove?

8. Before playing Power Ville, how often had you used each of these tools for solving problems in school work?

9. How likely are you to use these tools on your own in engineering or other subjects?

|  |  |  |  |
| --- | --- | --- | --- |
| Q8-9 response options | Never | Once or twice | +3 times |
| KWS |  |  |  |
| Road map |  |  |  |
| Online chat with your group members |  |  |  |
| Simulator |  |  |  |
| Programming code |  |  |  |

10. You get in a discussion with a person who is totally for or against nuclear, solar, coal or wind energy. What would you tell them, as an engineering student, about the best way to select an energy source?

11. What is the most important thing you learned from playing Power Ville?

12. What is the most important thing you need to learn next for a clean power production system design?