Exploring School Building Data: Human Experience - Understanding Occupation Satisfaction

Introduction to Human Experience

1. How can a building negatively impact the people inside of it? Give at least two examples.

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__________________________________________________________________________
__________________________________________________________________________

2. How can a building positively impact the people inside of it? Give at least two examples.

__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

3. Fill out the t-chart below with ways these building human experience factors can be measured.

<table>
<thead>
<tr>
<th>Human Perceptions and Occupant Satisfaction</th>
<th>Measured Indoor Environmental Conditions</th>
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4. Which of these factors are qualitative and which are quantitative? How do you know?

__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
How does occupant satisfaction compare between conventional and green schools?

5. In what ways do you expect a green school to differ from a conventional school in occupant satisfaction? Which school do you expect to have a higher average occupant satisfaction?

   ___________________________________________
   ___________________________________________

Average High School

6. What is the most common satisfaction rating reported?

   ___________________________________________

7. What is the most common reported complaint of the space? How could that negatively impact students learning?

   ___________________________________________
   ___________________________________________

8. How could a building manager use this information to improve the space? If they fixed the common complaint, how would you expect the data to change if the survey was taken again?

   ___________________________________________
   ___________________________________________
   ___________________________________________

Green High School

9. What is the most common satisfaction rating reported?

   ___________________________________________

10. What is the most common reported complaint of the space? How could that negatively impact students learning?

    ___________________________________________

11. How could a building manager use this information to improve the space? If they fixed the common complaint, how would you expect the data to change if the survey was taken again?

    ___________________________________________
    ___________________________________________
    ___________________________________________
What is the difference between a green school and an average school?

12. What is similar about the two school's occupant survey results? What is different? Be as specific as possible.

13. How are the range of responses different between the schools? Is one more narrow than the other or are they both equally distributed?

14. What are some of the factors that architects and engineers need to consider when designing a safe, comfortable, and productive learning environment?

15. Looking around the classroom, identify three features intended to enhance occupant satisfaction.

16. Describe three conditions in your classroom that reduce your satisfaction or productivity. What causes these conditions?