

“How can we model that?” Museum Exhibit Analysis

Name _____ Date _____

Museum _____

PHASE 1

How long does it take to do this activity? _____ minutes

PHASE 2

1. Exhibit Title _____

2. What is the concept or phenomenon being modeled? (look at the sign, placard, instructions)

3. Explain what you do to explore/interact with this exhibit.

4. What kinds of models are used in this exhibit?

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Map | <input type="checkbox"/> Diagram
(shows relationships) | <input type="checkbox"/> Graph/Chart
(shows trends) | <input type="checkbox"/> Scale Model (3D) |
| <input type="checkbox"/> Animation/ Video | <input type="checkbox"/> Timeline | <input type="checkbox"/> Simulation
(shows phenomenon IN CONTEXT) | <input type="checkbox"/> Experiment/
Investigation
(shows phenomenon OUT OF CONTEXT) |

5. Which Process Skills are needed to explore/interact with this exhibit?

- | | | | |
|---|---------------------------------------|--|-------------------------------------|
| <input type="checkbox"/> Observing | <input type="checkbox"/> Questioning | <input type="checkbox"/> Hypothesizing | <input type="checkbox"/> Predicting |
| <input type="checkbox"/> Planning/
Investigation | <input type="checkbox"/> Interpreting | <input type="checkbox"/> Communicating | |

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6. How much do you get to “play around” with the exhibit?

Only do one thing
1 ----- 2 ----- 3 ----- 4 ----- 5
Get to try lots
of different variations

7. How engaging (fun) is this exhibit?

Not engaging
1 ----- 2 ----- 3 ----- 4 ----- 5
Very engaging

8. How well does this exhibit teach the concept/phenomenon in question #2?

Did not need
to learn anything
1 ----- 2 ----- 3 ----- 4 ----- 5
I learned what the
exhibit intended

9. Make a sketch of this exhibit