



# MAKER JOURNAL

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Unit: Digital Citizenship

Design Challenge: Test Phase

*Below are the criteria and constraints for the classroom model. Evaluate the model, checking off each item.*

Criteria: Design Requirements	Constraints: Design Limitations
<ul style="list-style-type: none"> <li><input type="checkbox"/> Model is no longer than 3 ft. (any direction)</li> <li><input type="checkbox"/> Model contains elements representing cyberethics, cyberbullying, data safety, and a networked digital environment</li> <li><input type="checkbox"/> Model contains mini models of furniture and devices</li> <li><input type="checkbox"/> Model is portable</li> <li><input type="checkbox"/> Model elements are clearly labeled</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Model built only with materials provided</li> <li><input type="checkbox"/> Model completed and tested on time</li> <li><input type="checkbox"/> Model includes 10 different materials in addition to any adhesives or fasteners</li> <li><input type="checkbox"/> Model is not secured to the ground or testing area in any way</li> <li><input type="checkbox"/> Model stays together during transport</li> </ul>

*For each test you run above, write down suggestions for things you will change in the model based on the tests.*

## Suggested Modifications:

*Modifications can include adding materials, omitting materials, redesigning all or parts of the model, etc.*