**Cognitive Walkthrough**

3 Questions for Cognitive Walkthrough

1). Will the user know what to do?

2). Will the user see how to do it?

3). Will the user understand the feedback they get?

1. Card Prototype:
   * 1. Scenario 1 – **Viewing all subpages of website from homepage.**
        + 1. Will the user know what to do?

The “hamburger” or menu button is a well-documented user-interface device.

There could be additional coloring / shading to draw the user’s eye toward the menu button.

* + - * 1. Will the user see how to do it?

\*look up artifact word meaning the user knows it is a button from context.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

* + - * 1. Will the user understand the feedback they get?

An expanding side panel is \*consistency\*

* + 1. Scenario 2 – **Navigate from Guidelines to subpage for assessment tools.**
       - 1. Will the user know what to do?

Unless explicitly noted or there are directional cues for terms like “assessment”, it is less obvious that the assessments links page is a resource to use within the context of specific actions within the guidelines.

* + - * 1. Will the user see how to do it?

\*Repeat of Scenario 1(b).

\*look up artifact word meaning the user knows it is a button from context.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

* + - * 1. Will the user understand the feedback they get?

\*Repeat of Scenario 1(c).

1. Wireframe Prototype:
   * 1. Scenario 1 – **Choosing a solution for reading for a student 12years of age or older.**
        + 1. Will the user know what to do?

The text "Data level" is prominently featured (large text, on top).

The user will know that the data level is selectable, but there is not an explanation for what each option means.

* + - * 1. Will the user see how to do it?

The user will have seen radio button options before.

* + - * 1. Will the user understand the feedback they get?

The user will see a change in the choropleth color for the map, but will have to hover-over to see a value change.

* + 1. Scenario 2 - **Choosing a solution which offers a complete curriculum in math for an elementary school student.**
       - 1. Will the user know what to do?

The text for "Data Sets Included" implies to the user the purpose of the selection, and is obviously selectable.

* + - * 1. Will the user see how to do it?

The check-box feature for data-selection is consistent with other plotting system's filtering.

* + - * 1. Will the user understand the feedback they get?

The user may need a title change / textbox for the variable chosen to appear after a new year selection is made to confirm that their change has occurred.

The coloring change + values/options in hover-over + which box is checked represent some feedback.