



User Interface Design Critical Analysis

THE PROJECT
Suggest changes
to current UI of
Physics 20 applets

ICONS

INTERFACE

LANGUAGE

LANGUAGE

CHALLENGES

- Inconsistent labeling
- Lack of instructions

GOALS

- Immediacy, consistency, cohesiveness

RECOMMENDATIONS

- **Titles and labels must be consistent.**

As a collection, the applets need a common name or brand to show they are all part of the same learning series.

All the applets should have a title. The applet title should appear near the series title.

The Help menu needs to be consistently labeled and placed. The text should not be the same size of type as the title of the series or the applet, both of which should take precedence.

- **More explanation of concepts should be included.**

Students should be able to operate the applets without referring to supplemental textual material. Each applet should include a brief description about the physical principle being illustrated.

Tool tips can be used to instruct the student as to the action they are effecting and the events that will ensue or be illustrated

Hyperlinks to specific lessons should be included so students can immediately jump to a source for more detail about the principle being illustrated.