STUDENTS

1

What Do I Need to Teach?
Themes, Concepts, Standards

6

Students Revise Design
· Rebuild Models
· Apply lessons
· Assess
· Synthesize

2

Identify a Problem
from the Curriculum

1/2

State as a "Never-Before-Seen" Design Challenge

6 1/2 Steps

Teach Guided Lessons
· Research information
· Speak
· Write
· Compute
· Make comparisons
· Chart, diagram and map results

Set Criteria for Assessment
· List "DON'T WANTS" and "NEEDS" based on curriculum, standards and content
· Plan evaluation

5

3

Let students "Give It a Try"
· Build instant 3-D models
· Present and get feedback
· Ask "how" and "why"
· Assess according to pre-set criteria
  TALK, TALK, TALK, WRITE

4

STUDENTS

The Doreen Nelson Method of Design-Based Learning
Backwards Thinking Process

Art Center College of Design
2010 Design-Based Learning Summer Institute for Teachers