PROJECT:

* Inverted drawing

ESSENTIAL QUESTION:

* Why do we have difficulty drawing from observation

GOALS:

* create a drawing from an inverted image
* discuss why the symbol system intercedes when drawing from observation

PREPARATION:

* Prepare presentation
* prepare sectioned and inverted image

MATERIALS:

* digital projector/laptop
* printed pre-sectioned paper for each student
* Pencils
* erasers

SUBJECT CONNECTIONS:

* the visual system
* object recognition
* structural recognition

LEAD IN:

* Presentation on facial recognition (archimboldo, inverted face)

PROCEDURES:

* Presentation 5 min
* Hand out materials 2 min
* Give drawing instructions 2 min
* Have students draw 20 min

CLOSURE:

* compare drawings to the now properly oriented image

discuss how well it worked

Inverted drawing directions:

* we've done a number of drawings that are intended to get around that system. this is a modified version of one of those it is an inverted drawing broken into small segments.
* draw from the top to the bottom
* pay attention to where the lines go through each section
* look at their angles
* look at the negative spaces between them
* as you move to the next section try to match the lines from the previous sections to those in the new one.