

due: Friday 1/21/05 beginning of studio

Research musical instruments

why musical instruments?

they come in different sizes; how they are made; how they are detailed; the materials are limited usually to wood and metal; they are made for something; they have a purpose (producing sounds); they reveal spaces that produce sound; they appear simple, but are highly complex.

areas of concentration:

need substantial examples of research.
need to be serious about this; need to dig.
go to the library; find books; do not just depend on the web.
looking for drawings and photographic images
history and theory of the instrument
technical diagrams that show how the instrument works
charts and graphs
physics of sound related to your instrument
construction drawings
construction photos & techniques
close up photos of instruments and details
avoid manufacturer brochures

finding actual instruments:

can you find actual instruments to photograph?
are there campus sources?
bring an instrument to class?

musical instrument research categories:

1. trumpet group (2)
2. trombone group (2)
3. saxophone group (2)
4. clarinet & flute group (2)
5. piano group (3)
6. bass group (2)
7. guitar group (2)
8. drums group (2)

due dates:

Wed. 02/15/06. 09:00AM
report back with your preliminary findings.
show digital photos of found instruments displayed on laptops.
bring in the books you found, marked for discussion; scanning will begin in class.