Skills:

<u>Identify</u> lurking and confounded variables.

<u>Interpret</u> statistical significance

<u>Diagram</u> 2 kinds of studies

    Regular Controlled Random Experiment

    Block

<u>Identify</u> 3 kinds from diagram

<u>Decide</u> when blocking or matching would be good

<u>Decide</u> how to block or match

<u>Design</u> 3 kinds of studies

    How many groups?

    Clear statement of explanatory and response variables

<u>Criticize</u> a study for:

    -Controlling variables badly (control groups, placebo, other)

    -Double blind (3 ways)

    - Creating unrealistic circumstance (no predictive validity)

<u>Identify</u> refusal, drop-out, non-adherers.

<u>Suggest</u> ways to fix those problems/make a design that avoids them

    Control of variables (block, control groups, placebo, subjects, large N)

    Not being blind, be blind

    Creating unrealistic circumstance - don't