



PER GROUP MEETING

Wednesday, December 06
2006

Mojgan

Completing Report

Working on the corrections is almost finished, just few more comments in two final chapters remained.

Abstract, summary, bibliography, numbering APA style checking left for Dec.

For Paul Hewitt task, I matched 26 questions, 9 more left to be done.

Dyan – Optics of Human Eye

The Results are in ... (but not as rich as DZ had hoped)

Q1,2: Asks whether the lens must change to see things at different distances

60% - Lens changes
(thicker/thinner, bends more/less)

20% - Others ("image distance changes", need to add lenses")

13.5% - Lens does not change
(pupil changes, not possible)

6.5% - Lens moves
(forward/backward, closer/farther from retina)

Q3: Asks if the lens can shape, and if so, how it happens

65.8% - Yes (most of those said "muscles" or didn't give a reason)

27.7% - No (cannot, doesn't need to, moves instead)

6.5% - Others (mostly nonsense)

Q4: Shows picture of near and far sighted eye, and asks how to correct it

76.8% - Knew a lens was needed
(some got it backwards!)

20% - No lens specified (most just labeled with was far/near sighted)

3.2% - Others (most nonsense)

"For our purposes this tells us that we need to worry a little but not too much about conveying the wrong idea."

Fran's Current Research

Last 2-3 weeks:

- Created association diagrams for one interview
 - Averaged 3 hours for 50 minute interview
- Picked up a copy of Serway to start problem coupling.

Future research:

Couple set of problems prior to Tuesday (visit#2 for Dr. Jonassen)

- Interview diagrams on hiatus until finals are over.

Jackie's Plans for Break

- Complete “Bubble Diagrams” for the 15 intro student interviews in EED Project
- Begin reading for new project
- Think of theme and toys to use in new project
- If time allows, complete bubble diagrams for 7 physics major interviews in EED Project

