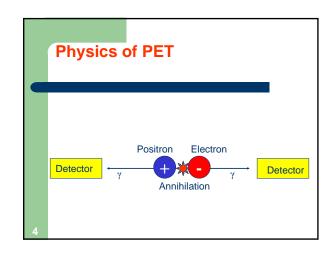
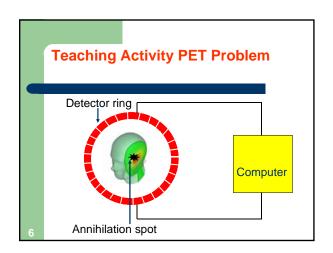
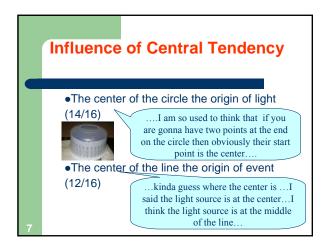


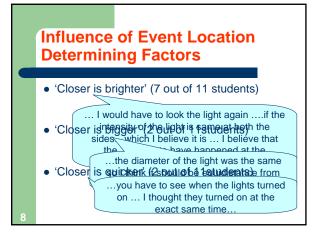
Research Context Spring 2006 at Kansas State University Teaching interview* of PET learning activities with students enrolled in algebra based physics course Examine the role of model in learning process * Engelhardt and et.al.(2004)











Activation of Appropriate Idea

- 'Closer is quicker' the appropriate idea even in the context of light activity
 - The idea held by only very few participants in light activity
- When cart activity introduced before light activity
 - All participants (5/5) of this trial used the idea 'closer is quicker' in light activity

Conclusion

- Students transfer ideas from everyday experience to a complex situation
- Such transfer may be inappropriate sometimes
- Students can be helped to trigger and transfer their appropriate prior ideas by using activities in right order

Thank You!!!

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