

Entertaining Education:

Interactive Learning on Kindergarten Children

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GPS: Ignorance is NOT Bliss

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Problem

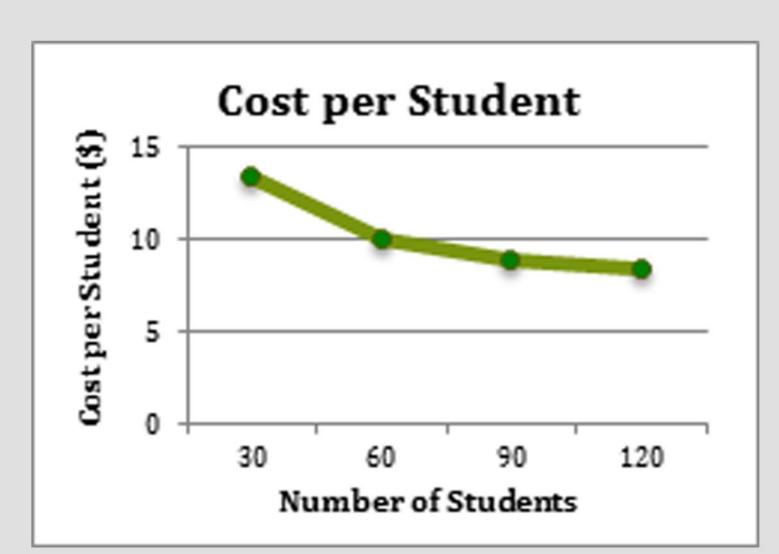
- -Kindergarten students have a maximum attention span of 30 minutes
- -Short attention spans limit instruction time
- -Insufficient basic skills cause problems in later education

Solution

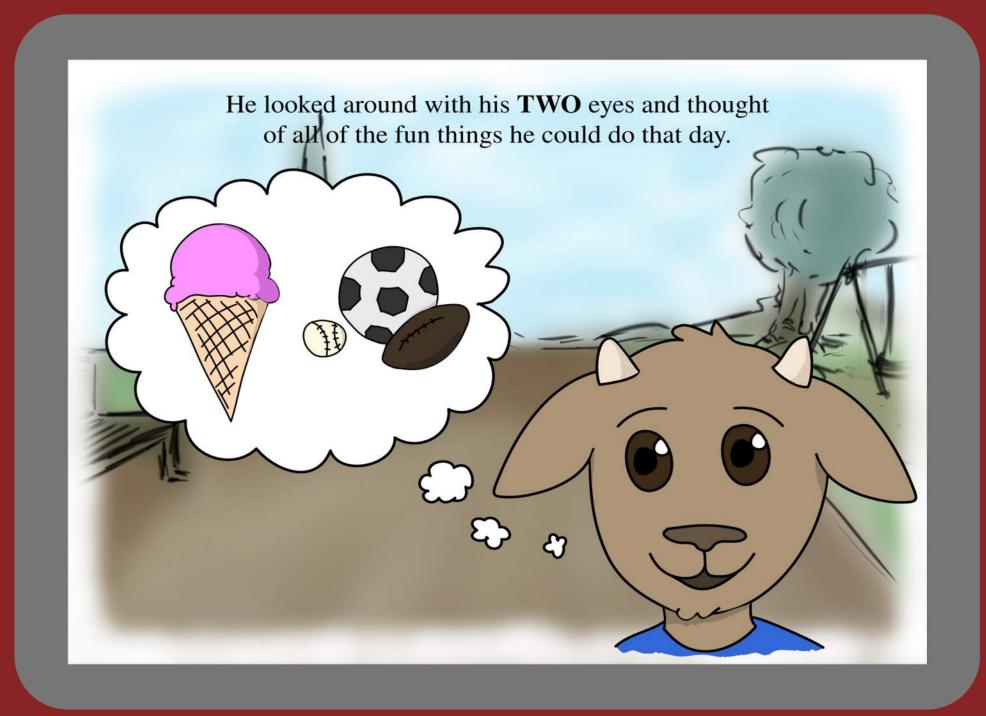
Use a stuffed toy with an interactive lesson to improve attentiveness

Cost/Benefit

- -\$20 per book
- -\$200 for toys per class



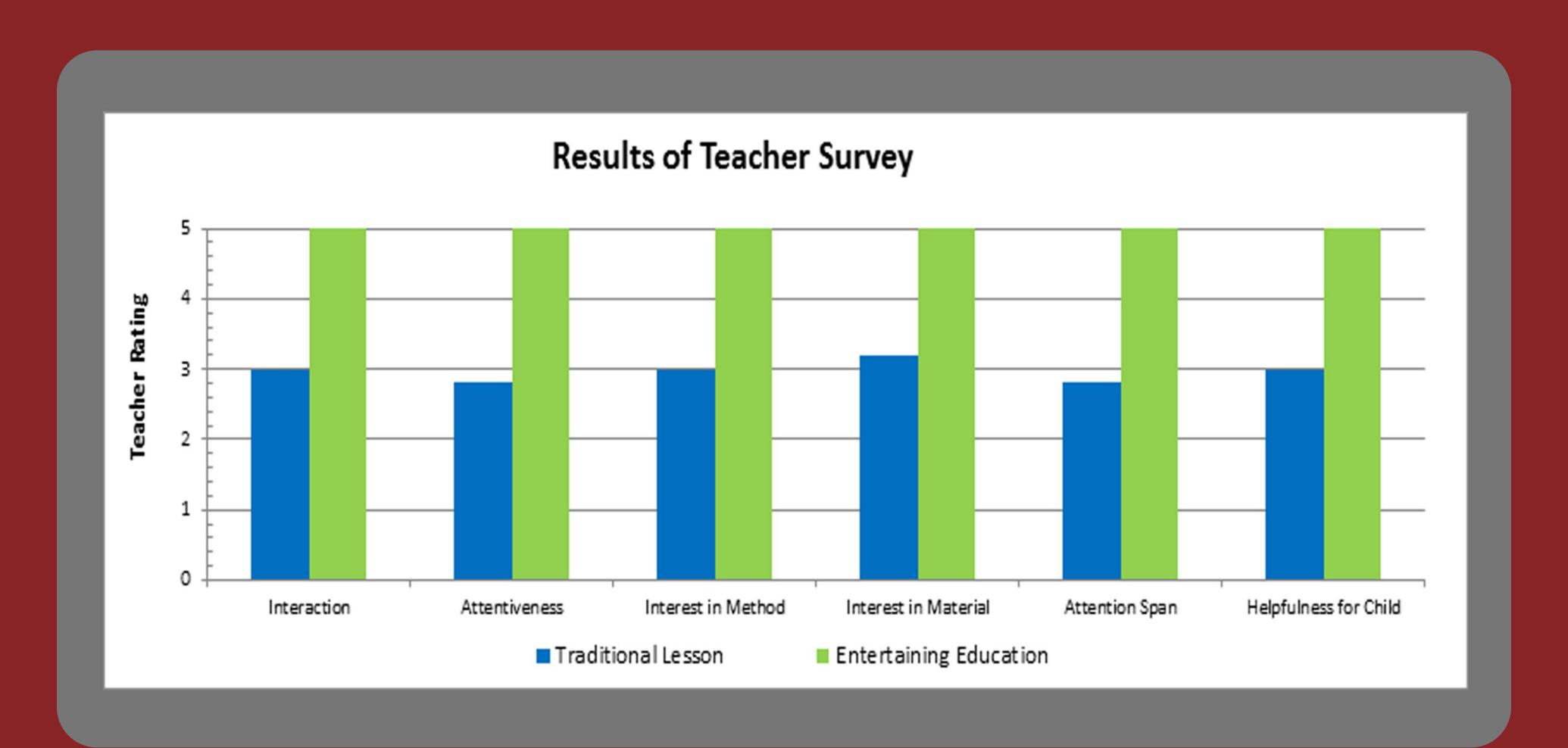
- -More incentive to pay attention
- -Relating to lesson helps retention



Method

Students read along with a storybook while interacting with the toy

Page #2- "Touch & count Gompy's 2 eyes"



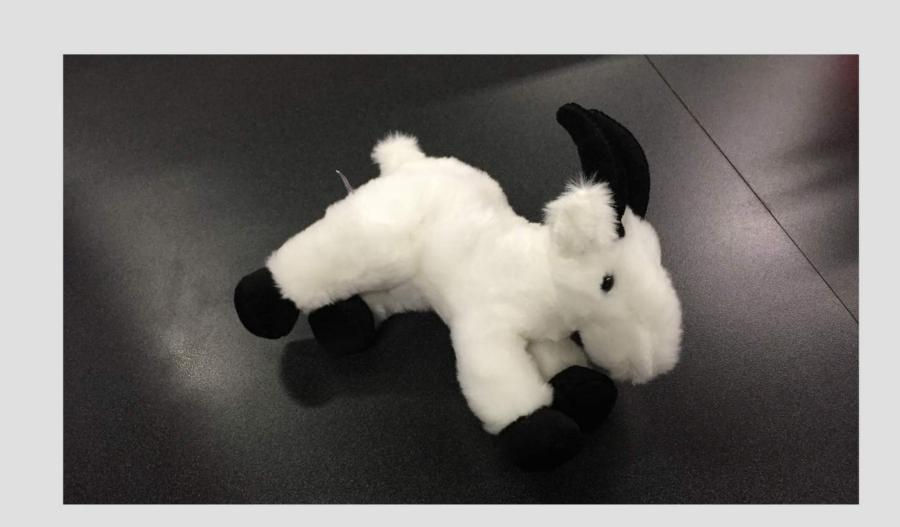
Assessment/Results

- -Students were given a pre-test following a regular lesson
- -Post test given after interactive lesson
- -Teacher survey filled out for each student during each lesson
- -Lowest student score increased from 68% to 100%
- -Student attention and interest in the material improved
- -Trial was successful

Testimonial

- "I was amazed by the improvement in not only attention span but overall interest in the subject being taught."
- -Kimberly Higgins

Interactive Toy



The spelling of Gompy's name was changed for pronunciation.

Acknowledgement

- -Whittier Elementary School
- -Valhalla High School Mac Lab
- -WPI IRB

References

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- Foll, S., & Van Luit, J. (2014). Effects of remedial numeracy instruction throughout kindergarten starting at different ages: Evidence from a large-scale longitudinal study. Learning and Instruction, 33, 39-49. doi:10.1016/j.learninstruc.2014.03