

2008-2009
Action Research

Brain Gym

What is Brain Gym?

- Brain Gym is a series of simple and enjoyable movements that one uses with students in Educational Kinesiology to improve their experience of whole-brain learning.

Research Question

- Will the use of Brain Gym activities in our classrooms increase student achievement and participation?

Bibliography

Apel, B. S. (1995). Kinetic Classroom. Retrieved January 23, 2009 from

<http://www.law.gonzago.edu/About-Gonzaga-Law/Istitute-for-Law-School-Teaching/La>

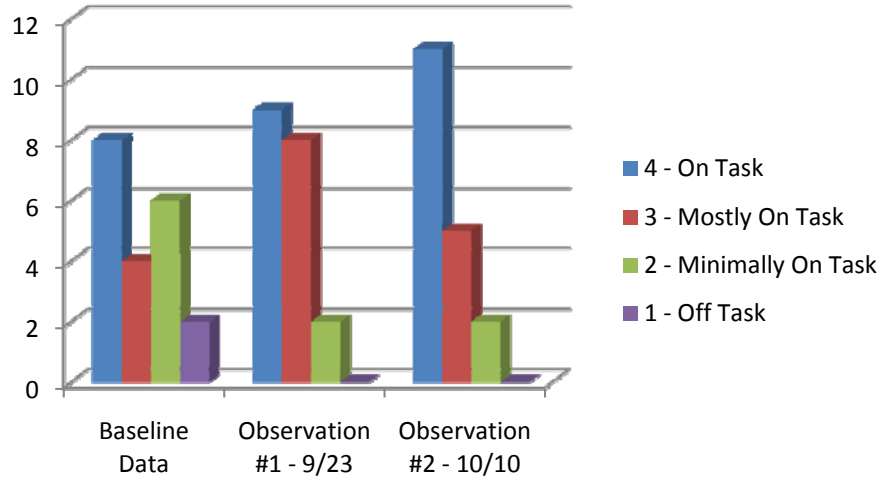
Dennison, E. G., Dennison, E. G. (1994). Brain Gym. Teacher's Edition Revised. Ventura, CA : Edu-Kinesthetics, Inc.

Mitchell, D. , Scheuer, J. L. (2003). Does Physical Activity Influence Academic Performance? Retrieved January 7, 2009 from <http://www.sports-media.org/sportapolisnewsletter19.htm>

Paredes, P. a. (n.d.). A Mixed Approach to Modeling Learning Styles in Adaptive Educational Hypermedia. Retrieved January 24, 2009, from http://wwwis.win.tue.nl/~acristea/Journals/ATL04/3-Paredes_Rodriguez.pdf

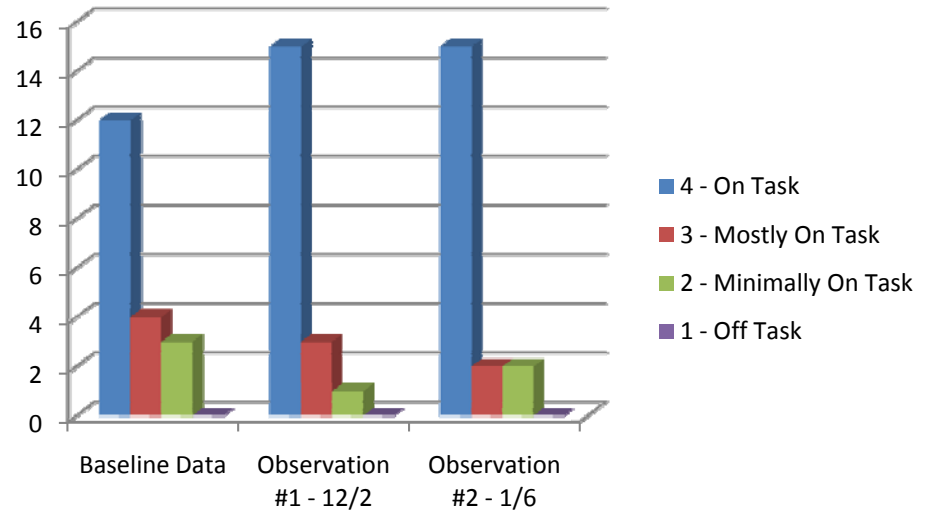
Vail, K. (2006). Mind and Body: New Research ties physical activity and fitness to academic success. Retrieved January 25, 2009 from <http://www/nsba.org/MainMenu/SchoolHealth/Select..>

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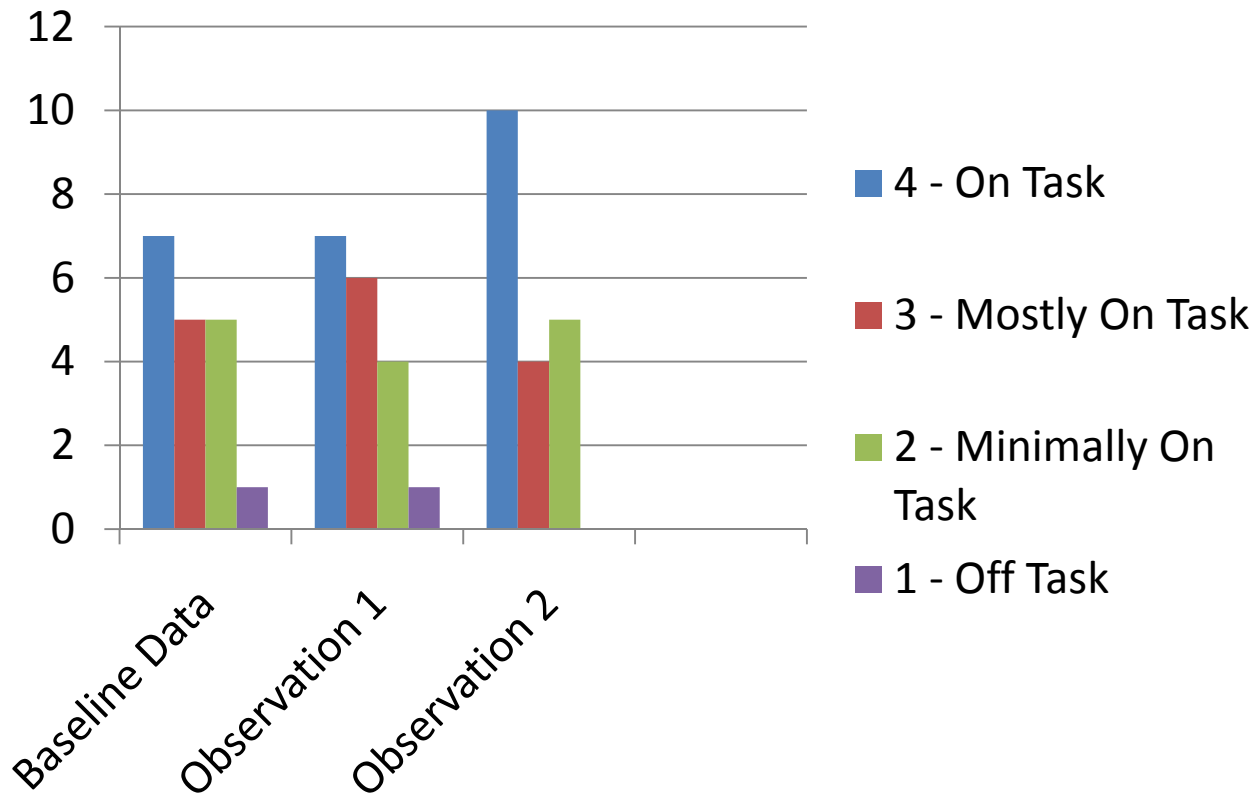
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Marking Period 2



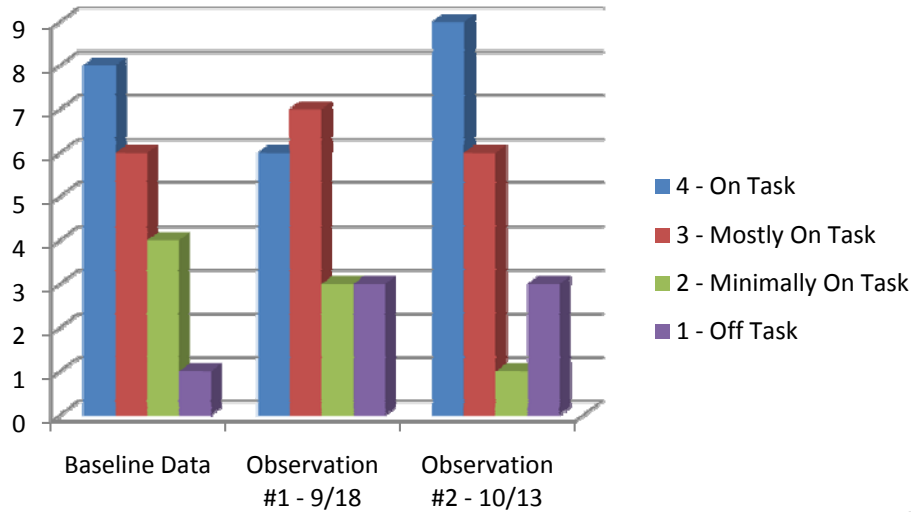
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Marking Period 3



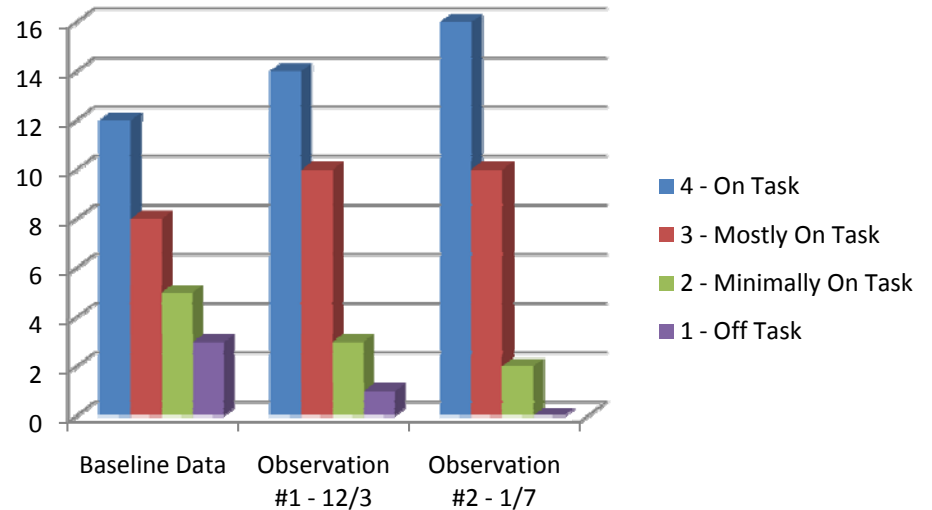


Brain Gym Comparisons St. John



Marking Period 1

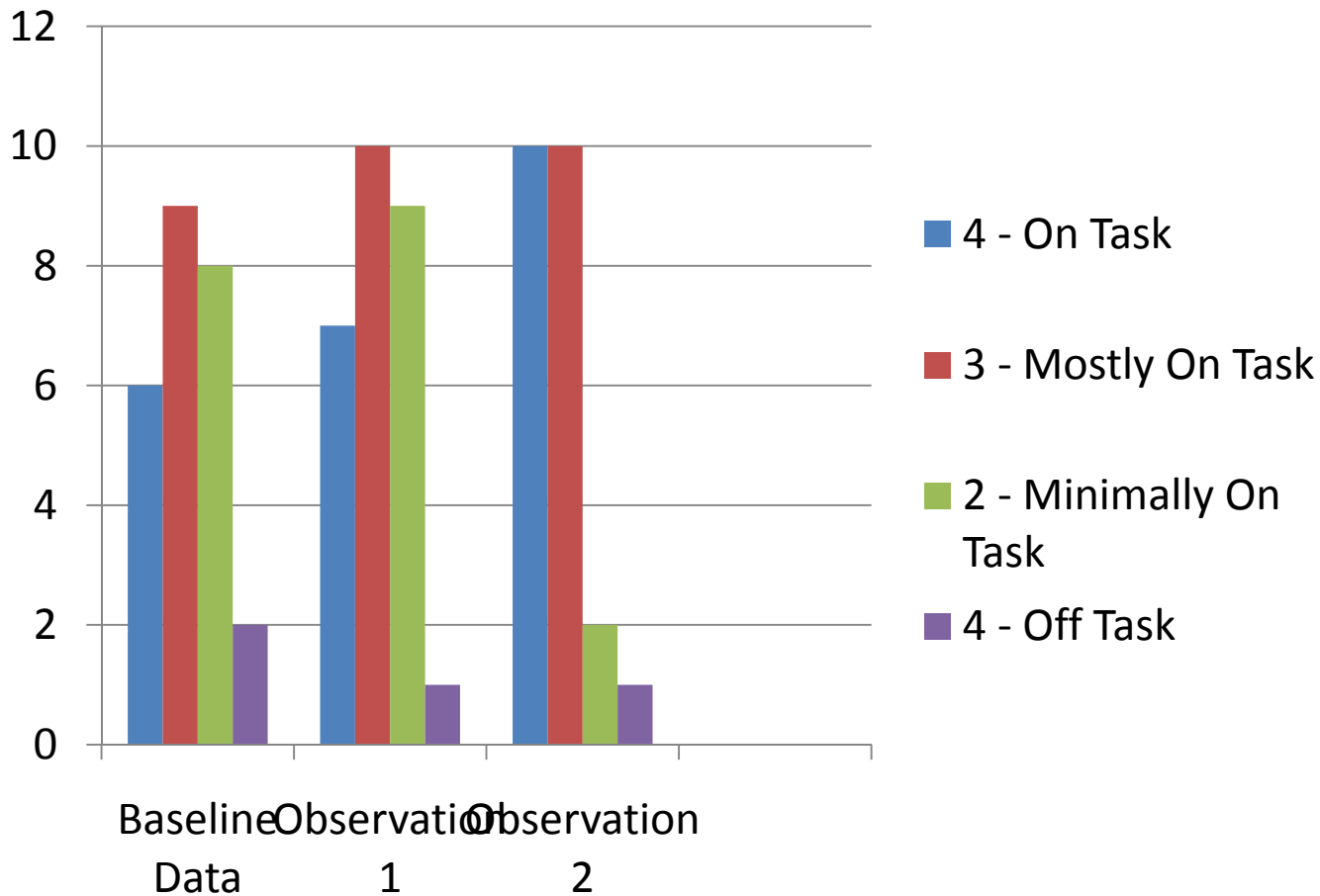
Marking Period 2



Brain Gym Comparisons

St. John

Marking Period 3



Final Analysis

- Has Brain Gym improved on- task behavior in class, or is on –task behavior improving as a result of class structure and routine?
- Additionally, we have identified an area of opportunity; (1) which would be to incorporate more academics in our P.E. lessons. (Ex. Quizzes and tests over rules and key terms related to each sport)