Fit In PE: An Interdisciplinary Approach to Elementary Physical Education

## Stephanie Raymond

Graduate School of Education, Touro University - California

## Introduction

With extensive budget cuts to physial education programs across the
nation elementary school classiom teachers are beina culled upon nation, elementary school casstrom teachers are being called upon $m$ for
frequently to provide physical education instruction to their sutudents. Howevert because many classroom teachers have not teceived
professional recenaration in physical education they rec relued
 2008). Additionally, increasing pressuru to meet standardized testing
benchmarks for core subiects often leads teachers to sacrifice physical education in ordere to make more time for more "cacademic" studiese. For these reasons, daily physical education has become a rarity in elementar
schools. As physical education has declined, childhood obesity has increased to alarming rates. As of 2013, obesity was considered the most critical
health problem facing children (CDC, 2013). Physicul education chases elementary schools are crucial for preventing obesity and improving health among youth because they have the potential to providid $97 \%$ of
chidren in the United States with revelar physial ctivivy children in the United States with regular physical activity Sallis et all, academic performance, decrease discipiline problems, and increase
 2008; Mithell, 2009; PHIT America, 2013c; Sallis, Mck enzic, Kolody
Curtis, $1996 ;$ Taras, 2005; Trudeau \& Shephard, 2008). With so many health, academic, and dhysiological benefitstot bo e gained, the roll of
schools sin providing daily physical activity needs to be reevaluated and schools in providing daily physical activity needs to be revevaluated and
expanded (Pate, Davis, Robinson, Stone, McKenzie, \& Young, 2000).


Project Background
After learning that many teachers avoid physial education because they
fear taking time away from academic subjects will result in lowered test scores, $I$ was inspired to create a tool to help this situation. Even though
studies suggestreducing time spent on academic subiects by as much as studies suggest reducing time spent on academic subjects by as much a.
an hour each day does not negatively fffcct standardized testing scores and increasing physical e eucation time can actually increase academic success, teachers are still reluctant to dedicate class time to physical
education., teachers are sill reluctant to dedicate class time to physical education, teachers are still reluctant to
education (Trucceau \& Shephard, 2008).
Because a lack of time is one of the biggest deterrents, it seems teachers
would be moe likely to nco would be more likely to incorporate physicil cducation if it could be
taught at the same time as academic subiects. An interdisciplinary taught at the same time as academic subjects. An interdisciplinary
approach was asolution that would increase phssical education without apkroach was solution that would
After researching interdiscipininary physical education, it was evident that
there was a shortage of resources for this methodology. The few websites there was a shortage of resources for this methodoolog.t The eew websites
and books avilable were not easy to locate and consisted mainly of full Iesson plans. Because teachers would have to go through the effort of
 use $a$ resource that provides full lesson plans. Based on this assumption, 2
conclusion was made that a website that offers strategies for incorporating concusion was made that a website that offers strategies for incorporate
physical education into existing lesson plans could be a helpful resource.

Project Design
Fit In PE, was designed for kindergarten
 teachers can use to incorporate physical education elements into the
existing language arts, math, science and social sudies lesson plans existing language arts, math, science, and social studies lesson plañ
Content for the wesbite was gathered from Interdisciplinary $\frac{\text { Elementart Physical Education by Cone, Werner, and Cone, Dy yymaic }}{\text { Physical Education for Elementry School Chidren by Robert Pangrazi }}$ $\frac{\text { Physical Education for Flementary School Child ren by Robert Pangrazi }}{\text { and the website PECentral.org. Strategies were chosen based on how }}$ and the website PECCentral.ory. Strategies wert chosen based
easily they could be incorporated into existing lesson plans.

## Fit In PE

## Kinn

Strategies For Incorporating More PE Into Your Classroom
The website was estatished using the website builder Weebly. Tabs were
reaeted for language arts, math, science, and social sudies and strategies for created for language arts, math, science, and social studies and strategies for
each subject were added to their tespective tabs. Tabs were also created to xplain the benefits of both physical education and an interdiscipininary approach. An additional tab with links to helpful physical education resources
A. Ar


The Language AArts tab contains a variety of strategises teachers can use to incorporate physical education into their existing language arts lessons. For
example, Action Vocabulary' involves reading Whhere the Widd Things Are and hen having students act out the actions, such as hopping, skipping, and jumping, which occurred during the e wisd urumpus. Thens studentist rceate their
own rumpus dances and share them with their classmates. This lesson idea can own rumpus dances and share them with their classmates. This les
be adapted for any book that contains action vocabulary words.

Another strategy example is 'Alphabet Gymnastics'. With this strategy, students
use balance and locomotor movements to form and hold the shapes of leters
 recognition.


The Science tab contains strategies teachers can use to incorporate physical
education into their existing science elesons For example
'Body
DP






The Social Studies tab contains strategies teachers can use to incorporate
 play. Students participate in inatag game such as Frecece Tag where all sududents
are active and not eliminated Before onfer are active and not eliminiated. Before or after playing the game, the teacher can
have a discussion with the class about the rules of the game and why we have have a discussion with the class about the rules of
rules at school, at home, and in our communites.

## Conclusions

The original obiectives of the project were
-To create a website with interdiscipilinary physical education lesson plans and -To survey teachers to determine if the website is complete, easy to use he hef ${ }^{\text {and clear }}$
website. Throughout the course of study, these objectives were modified. For the first
obiective, the original idea was to post ful literdisciplinary physical education objective, the original idea was to post full interdisciplinaty physical education
lesson plans for the fifth grade level. Howerer, it was lesson plans may not be a particularly helperful ressurce beccause teachers would have to oo through the effort of replacing their existing lessonson planh. Based on his assumpton, the conclusion was made that the website should instead offer
strategies for incorporating physical education into existing lesson plans. Also because the modified objective was broader than the original, the grade level was
changed from changed from fifth grade to kinderagten througt third drade. The second and
third obiectives were omitted because the time f trme of the sudy wa hird objectives were omitted berse enough to to llow for their completion.

## Literature Cited

ADDitude Editors. "Exercises An alternative ADHD treatment withew side effects" ADDitud Magazzine December 2007/ /anaury 2008: 1-3. Online.

 Center for Disease Control and Preventon. 2013 ). Childoond 0 bexity facts Retrieved from

 Physical activity in chidren and youth: A eadership role fors schools, Cirvuldatom, 1




 $87(8), 1328-1334$.
Taras, H . (2005) Phys



## Acknowledgments


(11) TOURO UNIVERSITY

