How Tomorrow Moves: Creating Opportunities to Increase Physical Activity in Schools

Action for Healthy Kids®
Because Healthy Kids Learn Better

Hannah Laughlin, MPH

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Creating Opportunities to Increase Physical Activity in Schools

Presenter Disclosures

Hannah Laughlin

- The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 months:
  - No relationships to disclose

Who Are We?

Action for Healthy Kids fights childhood obesity, undernourishment and physical inactivity by helping schools become healthier places so kids can lead healthier lives.

Active Kids in School

- Kids spend the majority of their time in school
- 2 out of 3 kids today are inactive
- Active schools are part of the solution because active kids learn better

Action for Healthy Kids®
Because Healthy Kids Learn Better

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www.ActionforHealthyKids.org
The Active Kids Campaign

- The Active Kids Campaign partnership between AFHK and CSX Transportation is increasing the number of children moving more at school and learning about the importance of being physically active.

School Grants for Healthy Kids: Active Kids Campaign

- 2013-2014 school year grants
- 197 schools across 10 states (AL, DC, GA, IL, IN, KY, MD, OH, PA and WV)
- Reached 101,008 students in 86 school districts

Methods: PA Strategies

<table>
<thead>
<tr>
<th>Physical Activity Strategies</th>
<th>% of schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Education Equipment</td>
<td>65%</td>
</tr>
<tr>
<td>Recess/Play Space Refurbishing</td>
<td>45%</td>
</tr>
<tr>
<td>Recess Equipment</td>
<td>38%</td>
</tr>
<tr>
<td>Fitness Testing</td>
<td>36%</td>
</tr>
<tr>
<td>Brain Breaks</td>
<td>33%</td>
</tr>
<tr>
<td>After-School Programming</td>
<td>30%</td>
</tr>
<tr>
<td>Before-School Programming</td>
<td>26%</td>
</tr>
<tr>
<td>Walk/Bike to School Initiatives</td>
<td>11%</td>
</tr>
<tr>
<td>Gymnasium Refurbishing</td>
<td>3%</td>
</tr>
<tr>
<td>Other (sports clubs, fitness events/activities, fitness logs, student engagement)</td>
<td>22%</td>
</tr>
</tbody>
</table>
Objective 1: PA Minutes

- To increase physical activity to 30 minutes per day in school and 30 minutes per day outside of school
  - 93% of schools reported that students received at least 30 minutes of PA/day
  - Average number of PA = 56 minutes/day at school
  - 50% reported they received at least 60 minutes of PA/day (meeting the full daily recommendation)

<table>
<thead>
<tr>
<th>Physical Activity Policy or Environment Strategy</th>
<th>Baseline %</th>
<th>Exit %</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Promote physical activity initiatives</td>
<td>55%</td>
<td>77%</td>
<td>+22%</td>
</tr>
<tr>
<td>Communicate Activities to Parents and/ or Community</td>
<td>46%</td>
<td>76%</td>
<td>+30%</td>
</tr>
<tr>
<td>Host a physical activity event (e.g., Fitness Night, Fun Run)</td>
<td>41%</td>
<td>75%</td>
<td>+34%</td>
</tr>
<tr>
<td>Change Policy Regarding Physical Activity</td>
<td>13%</td>
<td>32%</td>
<td>+19%</td>
</tr>
<tr>
<td>Increase physical activity in the classroom</td>
<td>60%</td>
<td>76%</td>
<td>+16%</td>
</tr>
<tr>
<td>Increase recess time</td>
<td>25%</td>
<td>28%</td>
<td>+3%</td>
</tr>
<tr>
<td>Improve the quality of recess</td>
<td>27%</td>
<td>40%</td>
<td>+13%</td>
</tr>
<tr>
<td>Increase the number of PE minutes per week</td>
<td>29%</td>
<td>40%</td>
<td>+11%</td>
</tr>
<tr>
<td>Incorporate everyday exercise into the curriculum</td>
<td>63%</td>
<td>75%</td>
<td>+14%</td>
</tr>
<tr>
<td>Provide information to students or families on recommendations for children to get sixty or more minutes of physical activity per day.</td>
<td>59%</td>
<td>79%</td>
<td>+20%</td>
</tr>
</tbody>
</table>

Objective 2: Student KAB

- **Objective 2:** To improve student knowledge, attitudes and behaviors around physical activity
  - 94% of students received the physical activity programming and messaging “well” or “extremely well”
  - Education on the importance of being physically active provided through multi-channels

Student Survey Results

- 98% reported their school had encouraged them to be more physically active
- 73% of students knew that 60 minutes of PA is recommended daily and 55.5% reported meeting this goal most days
- 92% reported that being physically active everyday was important to them
- 89% reported it was important to their families for them to be physically active every day
- 64.4% reported their PA increased during the school year
Objective 3: Parent Engagement

- **Objective 3:** To engage CSX employees and parents of students to support physical activity at school and at home
  - 92% of parents received the PA programming and messaging “well” or “extremely well”
  - Education on the importance of being physically active provided through multi-channels

Parent Surveys

- 95% reported it was important or very important to them that their child be physically active every day
- 93% reported they had talked to their child about getting more physical activity
- 93% of parents helped their child be more active.
- 54.4% reported their child’s level of PA at school had increased
- 52.9% reported an increase of PA at home

Every Kid Healthy Week

- **Every Kid Healthy Week** is an annual observance designed to celebrate schools’ investments and achievements in student wellness.
  - In April 2014, 485 schools **Every Kid Healthy Week** events ranged from family fitness nights, health fairs, family fun runs, taste testing events and other family-community engagement events.

Creating a Culture of Wellness

- 84% of schools reported implementation of PA programming will help to sustain their wellness environments
- 83% reported that PA programming helped to initiate new plans, policies and practices
Barriers to Increasing PA

• Top Challenges:
  o Time and scheduling constraints
  o Financial burden
  o Lack of space/facility
  o Transportation issues
  o Staff transition
• All of which cause schools to struggle to invest in health and wellness activities.

RESULTS: 8 Common Themes

1. Increased student/staff awareness
2. Increased student participation
3. Increased student engagement and enthusiasm
4. Increased student physical activity levels
5. Improvement in physical fitness of students
6. Increased teacher use of and enthusiasm for classroom physical activity breaks
7. Increased parent support
8. Benefits of new equipment

Lessons Learned

- Partners can help schools highlight the importance of PA without draining their limited time and resources
- By utilizing innovative physical activity strategies and engaging parents, schools can significantly increase children’s movement throughout the school day and at home.

Next Steps: Active Kids Campaign

- 2014-2015 school year grants
- 287 schools across 12 states (AL, DC, FL, GA, IL, IN, KY, MD, NY, OH, PA and WV)
- 143,148 students in 153 school districts.
Questions?

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