











# School Wellness Programs Pay Off in Student Success

**School wellness policies** ensure school environments help students learn and practice healthy habit skills and are exposed to brain-boosting, academic supports. These supports can be easy access to nutrient-rich foods and strategies such as recess before lunch

# Big Picture Message

- School Meals Serve Education Each Day learn and behave well during the school day.
- Impact on Human Well Being How school meals are designed will affect not only student food consumption levels but impact the development of healthy eating habits and a

# Recess Before Lunch links to Enriching Human Well Being

- Improves consumption of
- interaction and relaxed
- Supports development of healthy eating habits



Enriching Human Well-Being

# Our Research... two stages

- 2002-03 pilot project with four school sites
- 2008 on-line principal survey



# Project Design of Pilot Project

- To determine acceptance and effectiveness as perceived from school staff and students

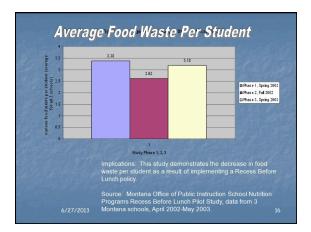
- 4 elementary schools in Montana (2- grades K-2; 1 grades K-8; 1-grades 5-8)
  Spring 2002 through Spring 2003
- Three phases- in each phase conducted plate waste study, student focus group, staff surveys

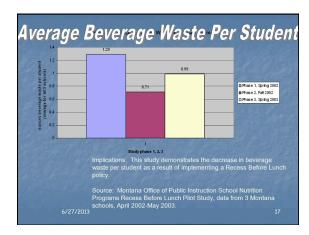
# **Project Design...Plate Waste**

- •Data is based on three of the four schools.
- •The menu and portion size was consistent within each school throughout the 3 phases
- •Food waste collected included food from school nutrition program meals, foods brought from home or other school venues
- •The total amount of food and beverage waste was measured in pounds and ounces.
- •Average student waste was calculated by total waste by total daily attendance.
- •Plate waste days were unannounced to students

# 3 Phases of Data Collection

- Phase 1: conducted Spring 2002, PRIOR to the school implementing RBL
- Phase 2: conducted Fall 2002, after the initial implementation of RBL
- Phase 3: conducted Spring 2003, after the RBL policy had been in use for one year.





# Results... Student Focus Groups and Staff Surveys/Comments

- Students accepted the change
- Improvements in cafeteria atmosphere
- Dramatic improvement in discipline problems on the playground and classroom.
- Children returning to classroom more settled, calmer and ready to learn.
- Gain in teaching time reported by teachers in morning and afternoon.

# Results... Challenges

- Scheduling
- Staff buy-in and involvement
- Hand washing
- Meal payment plan
- Handling winter clothing and cold lunch storage

# Important Resource...

Recess Before Lunch: A Guide for Success http://www.opi.mt.gov/schoolfood/recessBL.htm



## Phase 2 of our research..... 2008 Survey of Principals

- To gain information to further provide technical assistance to MT schools on RBL

- To reconfirm the benefits of RBL as a school wellness strategy with schools in MT and the nation

Statewide on-line survey of principals in K-8 public and

# Project Design...Survey

\*Vey Design and Questions:

\*Survey questions were organized in a branching structure for the three targeted groups of administrators which included the following:

\*Administrators currently using a RBL schedule

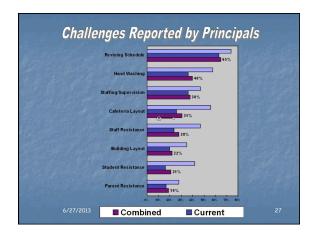
\*Administrators who used a RBL schedule in the past but not currently using it.

\*Administrators that have never used a RBL schedule

\*Other questions included: school enrollment size and grade levels served; length of time utilizing RBL, grade levels involved in RBL, observed benefits, challenges and facilitative factors,

\*Open ended questions asked for feedback from stakeholders and any advice for other principals on RBL

# Benefits Reported by Principals





Suggestions for Successful RBL Implement  • Plan ahead; obtain buy in and support from school staff	
<ul> <li>Involve students, parents, and school staff in planning efforts.</li> </ul>	9
Start with a limited pilot program or trial period – monitor and adjust as needed.	
Be prepared to address challenges before implementing  Have a plan to address:  I hand washing S scheduling of lunch times and eating spaces	RBL.
screeding of function times and eating spaces     supervision issues     cafeteria, playground and hallway flow patterns	
6/27/2013	

# Important Resource... 2008 Survey Final Report

Challenges, Benefits and Essential Factors for Success in Implementing a Recess Before Lunch Schedule in Montana Elementary Schools

http://www.opi.mt.gov/pdf/SchoolFood/ RBL/08RBLSurveySumRpt.pdf

# Scheduling Recess Before Lunch: Exploring the Benefits and Challenges in Montana Schools Peer Journal Article

- The Journal of Child Nutrition and Management: A Publication of the School Nutrition Association
- Volume 24, Issue 2, Fall 2010, Bark, Stenberg, Sutherland, Hayes

http://www.schoolnutrition.org/Content.asp x?id=14762

# Recess Before Lunch: Right for So Many Reasons

<u>"</u>If you eat lunch before recess, I get a tummy ache" ... MT student



"Children are settled down and ready to learn when they return to the classroom"... HT teacher

We are seeing less food waste, better behavior on the playground and in afternoon classes" ... Wr principal

## Areas of Future Efforts & Research

### Training and Technical Assistance

- •Publish research in peer reviewed journal and articles in school publications
- •Development of RBL mentos network
- •Develop additional hand washing and scheduling tools to guide

### Research:

- •Relationship between amount of time students have to eat and the scheduling of recess before or after lunch
- •The impact of a recess before lunch schedule on the amount of physical activity minutes per day

# Does Your Lunch Schedule allow Enough Time for Children to Eat and Enjoy Their Meal?

Strive for 30 minute lunch periods (over 20 minutes) if you want kids to waste less food, eat a more nutritious lunch and be more ready to learn in the afternoon.

http://www.peacefulplaygrounds.com/pdf/insight24-meal-and-recess-schedules.pdf

## Set up a Comfortable Cafeteria

To ensure pleasant and positive mealtime experiences in your lunchroom

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To ensure children are ready to learn in the afternoon classes

http://www.opi.mt.gov/pleasantmealtimes

