



Energizers for the School Day to Support Student Achievement

March 20, 2018











Objectives

- ☐ Learn the current recommendations for physical activity for children and adults.
- ☐Use culturally appropriate physical activity resources and messaging.
- Identify a variety of ways to incorporate physical activity throughout the day at home, work, and school.
- ☐ Explore environmental cues to increase physical activity opportunities.





PUBLIC HEALTH INSTITUTE

WELLNESS AND NUTRITION

Agenda

- ☐ Welcome & Introductions
- Setting the Foundation
- ☐ ICE-BREAKER
- ☐ Facilitation: Steps to Success
- ☐ Physical Activity Resources
- ☐ LUNCH
- ☐ Let's Practice
- ☐ What Next: Action Planning & Share Out
- ☐ Reflection, Evaluation, & Closing





Welcome







Presenters



Jesse Tedrick



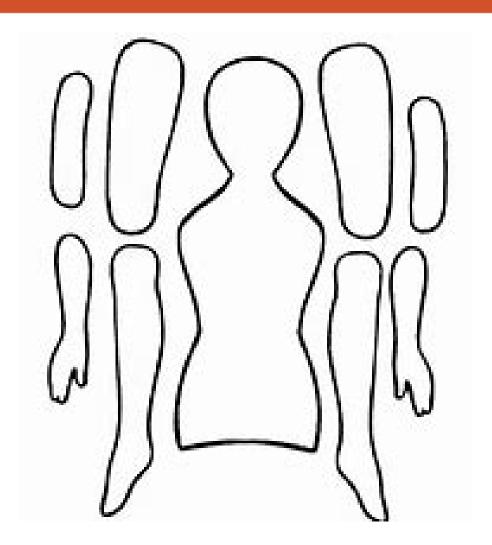
Katherine Hawksworth





Welcome & Introductions









Group Agreements







Setting the Foundation



Physical Activity Guidelines for Americans

California Physical Education

Local School Wellness Policy

Health and Academic Success





Physical Activity Guidelines for Americans



"Being physically active is one of the most important steps that Americans of all ages can take to improve their health."



Physical Activity DEFINITION



Physical activity is any body movement that works your muscles and requires more energy than resting.





Magic Word







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Physical Activity: US Adults

- Percent of adults aged 18 and over who met the Physical Activity Guidelines for aerobic physical activity: 51.7%
- Percent of adults aged 18 and over who met the Physical Activity Guidelines for both aerobic and muscle-strengthening activity: 21.7%

https://www.cdc.gov/nchs/fastats/exercise.htm







Physical Activity in the US: High School

Were Not Physically Active At Least 60 Minutes Per Day On 5 Or More Days

(doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

Find out if there is a statistical difference between California and	COMPARE TWO »		
United States. Select each and activate			
'Compare Two'.			
♦ Totals		California 2015	United States 2015 ♦
Total		51.9 (49.0-54.8) [†]	51.4 (48.8-54.0)





Physical Activity in the US: High School

Were Not Physically Active At Least 60 Minutes Per Day On 5 Or More Days

(doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

Among Male Students

Find out if there is a statistical difference between California and	COMPARE TWO »		
United States. Select each and activate			
'Compare Two'.			
♦ Totals		California 2015	United States 2015
Total		45.0 (40.8-49.3) [†]	42.2 (39.5-45.0)





Physical Activity in the US: High School

Were Not Physically Active At Least 60 Minutes Per Day On 5 Or More Days

(doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

Among Female Students

Find out if there is a statistical difference between California and	COMPARE TWO »		
United States. Select each and activate			
'Compare Two'.			
♦ Totals		California 2015	United States 2015
Total		58.6 (54.9-62.1) [†]	60.9 (57.2-64.5)



Why Is Physical Activity (PA) Important?











Why Is Physical Activity Important?

Among adults and older adults, physical activity can lower the risk of:

- Early death
- Coronary heart disease
- Stroke
- High blood pressure
- Type 2 diabetes
- Breast and colon cancer
- Falls
- Depression







Why Is Physical Activity Important?

Among children and adolescents, physical activity can:



- •Improve bone health
- Improve cardiorespiratory and muscular fitness
- Decrease levels of body fat
- Reduce symptoms of depression
- Improve cognitive skills
- •Improve ability to concentrate and pay attention









Physical Activity (PA) BENEFITS

- Regular physical activity reduces the risk of adverse health outcomes.
- Some physical activity is better than none.
- Most health benefits occur with at least 150 minutes/week of moderate-intensity physical activity.
- Both aerobic and muscle-strengthening physical activity are beneficial.
- Health benefits occur for EVERYONE.





Adults: Recommendations

Aerobics:



- At least 150 minutes/week of moderateintensity
- 75 minutes/week of vigorous-intensity
- At least 10 minutes spread throughout the week

Muscle-strengthening: Moderate or high intensity 2 or more days/week





Children and Adolescents: Recommendations

60 minutes or more of physical activity daily



- Aerobic: 60 or more minute/day either moderate or vigorous-intensity and vigorous-intensity physical activity at least 3 days/week
- Muscle-Strengthening: at least 3 days/week
- Bone strengthening: at least
 3 days/week







School Setting



School-based physical activity can improve grades, standardized test scores, cognitive skills, concentration, and attention.

https://www.cdc.gov/healthyschools/health_and_academics/pdf/pa-pe_paper.pdf





We ALL have a role to help youth be active



Youth who grow up being physically active are more likely to be active adults.



https://health.gov/paguidelines/pdf/paguide.pdf





California: Physical Education

• Who?



• What?

• When?

• Where?

• Why?





California: Physical Education

• Who?



What?

• When?

• Where?

• Why?





Magic Word







California: Physical Education

• Who?



• What?

• When?

• Where?

• Why?





California: Physical Education

• Who?



• What?

• When?

• Where?

• Why?









Physical Education in the US: High School

Did Not Attend Physical Education Classes On All 5 Days

(in an average week when they were in school)

Find out if there is a statistical difference between California and	COMPARE TWO »		
United States. Select each and activate			
'Compare Two'.			
♦ Totals		California 2015	United States 2015
Total		61.2 (52.0-69.6) [†]	70.2 (63.8-76.0)



ACTIVITY AND NUTRITION



Physical Education in the US: High School

Did Not Attend Physical Education Classes On All 5 Days

(in an average week when they were in school) Among Male Students

Find out if there is a statistical difference between California and	COMPARETWO		
United States. Select each and activat	9		
'Compare Two'.			
♦ Totals		California 2015	United States 2015
Total		59.9 (49.9-69.2) [†]	66.2 (59.4-72.5)



Physical Education in the US: High School



Did Not Attend Physical Education Classes On All 5 Days

(in an average week when they were in school)

Among Female Students

Find out if there is a statistical difference between California and	COMPARE TWO »		
United States. Select each and activate			
'Compare Two'.			
♦ Totals		California 2015	United States 2015
Total		63.1 (54.1-71.2)†	74.5 (67.4-80.4)



California: Physical Education





• What?

• When?

• Where?

• Why?





FitnessGram: % of Students NOT in the Healthy Fitness Zone



	5 th grade	7 th grade	9 th grade
California	40.7%	38.7%	37.2%
Santa Barbara County	42.3%	38.6%	38.6%
Buellton Union School District	37.3%	34.0%	n/a
College Elementary School District	40.9%	42.3%	n/a
Goleta Union Elementary School District	18.6%	n/a	n/a
Guadalupe Union Elementary School District	53.8%	47.4%	n/a
Lompoc Unified School District	44.5%	38.5%	39.1%
Notre Dame Catholic School	unavailable	unavailable	unavailable
Orcutt Union School District	37.1%	33%	30.3%
Santa Maria Bonita School District	54.0%	44.1%	n/a

https://data1.cde.ca.gov/dataquest/PhysFitness

2016-17 California Physical Fitness Report



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The Challenges are REAL

- Minutes
- Class size
 - Waivers and exemptions
 - Facilities and equipment
 - PE curriculum







PA AND PE = Successful Students



 Students who are physically active tend to have better grades, school attendance, cognitive performance, and classroom behaviors.

 Higher physical activity and physical fitness levels are associated with improved cognitive performance.





PA AND PE = Successful Students



• Time spent in recess has been shown to positively affect students' cognitive performance and classroom behaviors.

 Brief classroom physical activity breaks are associated with improved cognitive performance, classroom behavior, and educational outcomes.







PA AND PE = Successful Students

- More participation in physical education class has been associated with better grades, standardized test scores, and classroom behavior.
- Increased time spent for physical education does not negatively affect students' academic achievement.
- Participation in extracurricular physical activities has been associated with higher grade point averages (GPAs), lower drop-out rates, and fewer disciplinary problems.





Opportunities for Success

Local School Wellness Policy: Language and Implementation:

- Minutes
- PE and classroom teachers
- Ratio
- Facilities and equipment
- Active transport
- Recess
- In class PA opportunities

LCAP- identify, prioritize, and fund PE/PA efforts





Magic Word







Local School Wellness Policy (LSWP)



Local school wellness policies are designed to promote student health and reduce childhood obesity.







LSWP Final Rule



- LSWP Leadership
- Public Involvement and Notification
- Specific, Measurable Goals for Student Wellness
- Nutrition Standards for All Foods on Campus
- Policies for Food and Beverage Marketing
- Implementation, Assessment, and Updates





ICE-BREAKER: FEEL THE BEAT





Clap (2x)

Right-Left Clap (1x)

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When music stops: Be first to grab object. Best 2 out of 3



Facilitation: Steps to Success









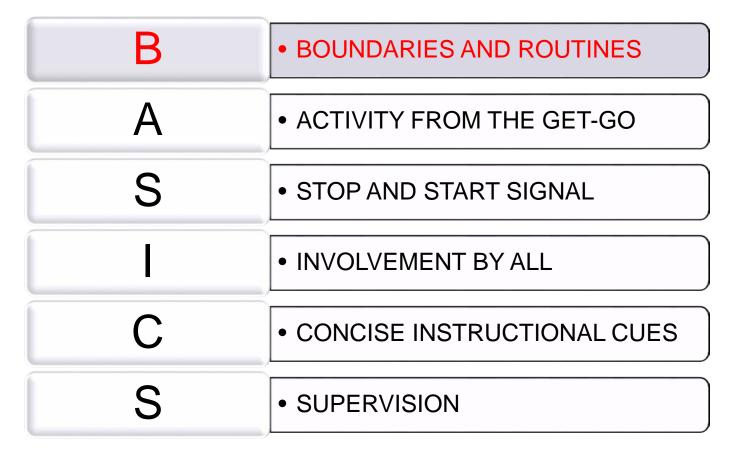


В	BOUNDARIES AND ROUTINES
Α	ACTIVITY FROM THE GET-GO
S	STOP AND START SIGNAL
	INVOLVEMENT BY ALL
С	CONCISE INSTRUCTIONAL CUES
S	• SUPERVISION





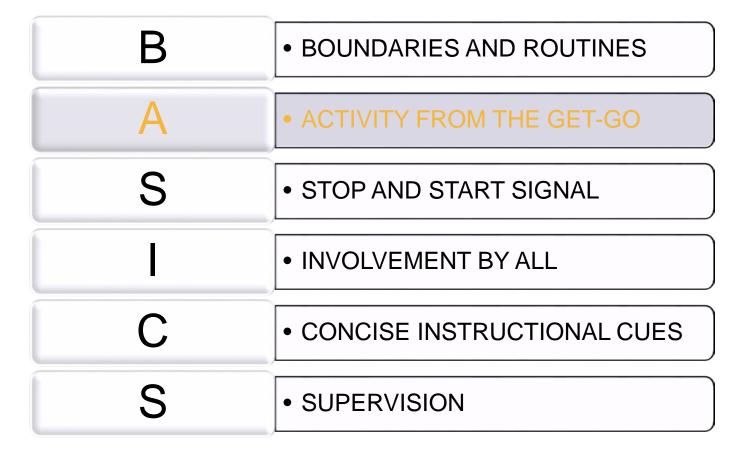








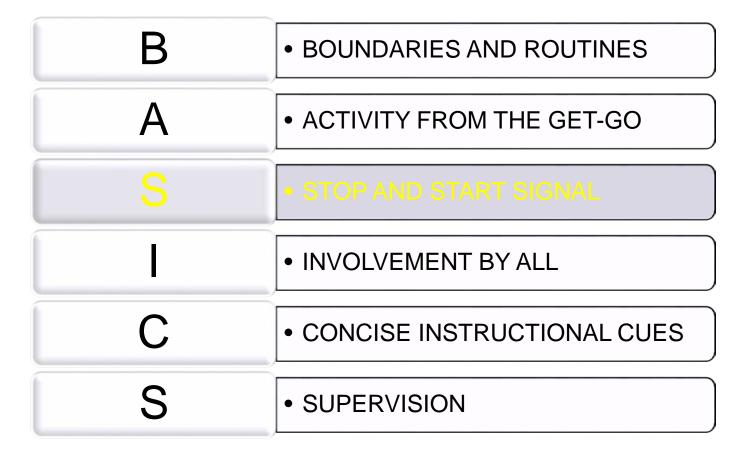


















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Strategies and Techniques: Off-Task Behavior



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P's:

- Perimeter
- Proximity
- Pace
- Praise
- Pre-Planning



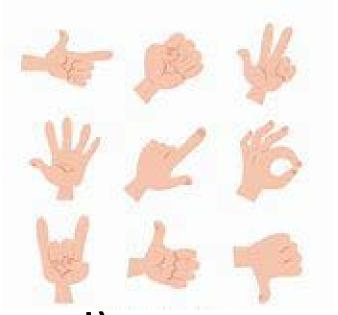


Strategies and Techniques: Off-Task Behavior



Others:

- On-the-Ball
- Time-Out
- Verbal Reprimand
- Visual Reprimand (or Signal)
- Selective Ignoring







Resources



- CATCH
- SPARK
- Playworks
- GoNoodle
- Power Up in 10
- Toolbox for Community Educators:
 Champions for Change





LUNCH







Let's Practice









Let's Practice



- Activity must last at least 5 minutes or less
- Must incorporate BASICS facilitation
- Everyone participates!

Team 1	Team 2	Team 3	Team 4	Team 5	Team 6
Cones	Bean Bags	Scarves	Dice	Flash Cards	Jump Ropes
				1 2 3 4 5 6 + 99 100 ÷ - ×	





В	BOUNDARIES AND ROUTINES
Α	ACTIVITY FROM THE GET-GO
S	STOP AND START SIGNAL
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Let's Practice: DEBRIEF



- Activity must last at least 5 minutes or less
- Must incorporate BASICS facilitation
- Everyone participates!

Team 1	Team 2	Team 3	Team 4	Team 5	Team 6
Cones	Bean Bags	Scarves	Dice	Flash Cards	Jump Ropes
				1 2 3 4 5 6 + 99 100 ÷ - ×	



What Next: Action Planning









CENTER FOR WELLNESS AND NUTRITION

What Next: Action Planning



Set personal goal(s)

Classroom

PA throughout the day (e.g., brain breaks)

School

 Complete School Health Index (at minimum the Physical Activity Module)

District

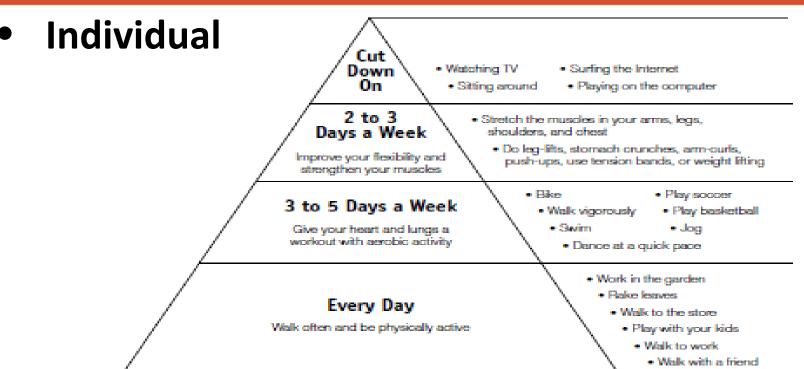
Review LSWP language and Prioritize wellness components





What Next: Action Planning





IF YOU RARELY DO PHYSICAL ACTIVITY

Begin with activities at the base of the pyramid

- Walk whenever you can
- Make physical activity a part of your lesure time
- Set realistic goals, and work your way up toward the middle of the pyramid

IF YOU DO PHYSICAL ACTIVITY SOMETIMES

Be more consistent with activities in the middle of the pyramid

- Plan physical activity in your day
- Set weekly and monthly goals
- Partner with a friend or family member to do physical activity together

IF YOU DO PHYSICAL ACTIVITY OFTEN

Choose a mix of aerobic, flexibility, and strengthening activities

- Mix up your routine to keep it fun
- Try new physical activities
- Challenge yourself with new goals





What Next: Action Planning

Classroom

PA throughout the day (e.g., brain breaks)







Magic Word











What Next: Action Planning

School: Complete School Health Index (at minimum the Physical Activity Module)

SCHOOL HEALTH INDEX - ELEMENTARY SCHOOL

Module 3: Physical Education and Physical Activity Programs

Score Card (photocopy before using)

Instructions

- 1. Carefully read and discuss the Module 3 Discussion Questions (pages 6-17), which contains questions and scoring descriptions for each item listed on this Score Card.
- 2. Circle the most appropriate score for each item.
- 3. After all questions have been scored, calculate the overall Module Score and complete the Module 3 Planning Questions located at the end of this module (pages 18-19).

		•		Under	
		Fully in Place	Partially in Place	Develop- ment	Not in Place
PA.1	150 minutes of physical education per week	3	2	1	0
PA.2	Adequate teacher/student ratio	3	2	1	0
PA.3	Sequential physical education curriculum consistent with standards	3	2	1	0
PA.4	Information and materials for physical education teachers	3	2	1	0
PA.5	Students active at least 50% of class time	3	2	1	0
PA.6	Individualized physical activity and fitness plans	3	2	1	0
DA 7	Dealihit avametions or waitroes for physical	2	า	1	0





What Next: Action Planning

District: Review LSWP language and Prioritize wellness components

Close Window or Esc Key

0 - Not mentioned

1

Vague and/or suggested: Suggests that physical education classes will have student/teacher ratios similar to those used in other classes.

Example:

 "Schools are encouraged to maintain student/teacher ratios for physical education classes, similar to those used in other classes."

2

Required. Clear that school district requires that physical education classes will have student/teacher ratios similar to those used in other classes.

Example:

· "Physical education classes will have the same student/teacher ratios used in other classes."

Back to Assessment Tool





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What Next: Action Planning

District: Review LSWP language and Prioritize wellness components

Close Window or Esc Key

0 - Not mentioned

1

Vague and/or suggested

Example:

"Students should have the opportunity to be physically active before and after school."

2

Required. Provision of physical activity classes, clubs, intramurals or interscholastic activities is required.

Example:

- "Schools shall provide physical activity opportunities for all students before and after school
 in all elementary, middle and high schools."
- "Physical activity clubs and intramurals shall be available to all students during before and after-school hours."

Back to Assessment Tool



Prioritization

Dollow Composition				PRIORITY (HIGH/MEDIUM/LOW)			DATE	
PO	OLICY COMPONENT					M	L	DUE
1. Physical Education and Physical Activity Policy Elements								
	PE							
		Minu	ites	Each school meets mandated PE minutes	*			4/2018
		Staff	training	Teachers trained in Spark or CATCH	X			8/2018
		Curr	iculum					
		Fitne	ss testing	Testing will be done in 5 th , 7 th , and 9 th grades	X			annually
		Incle	ment weather	Plan developed to address PA during inclement wea	ther	X		9/2018
	PA							
		Rece	Active	recess daily to all elementary school students				9/2018
		Duri	ng school (classroom activity) PA break for	every 60 minutes of academic instruction daily	y 🗆			9/2018
		Incre	ase physical activity before or after school					
			Joint/Shared Use Jo	int-use agreements with community partners		X		9/2019
			Bike Parking					
			Walking School Bus					
			Safe Routes to School					
		Te	achers model PA Teache	rs participate in physical activity during class		×		9/2019



Share Out & Reflection









Evaluation & Closing









Thank You!



