



Developmental Screening QI Learning Community

February 7, 2018

Children's Health Alliance of Wisconsin



WISCONSIN
ASTHMA
COALITION

★ Children's Health Alliance of Wisconsin



EMSC
Emergency Medical Services for Children
WISCONSIN

★ Children's Health Alliance of Wisconsin



Infant Death Center

★ Children's Health Alliance of Wisconsin



Keeping Kids Alive
IN WISCONSIN

★ Children's Health Alliance of Wisconsin



WISCONSIN
Medical Home

★ Children's Health Alliance of Wisconsin



Oral Health

★ Children's Health Alliance of Wisconsin



Reach Out & Read

WISCONSIN
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Agency	Medical Providers	Childcare Providers	Community Groups
Burnett County			X
Clark County	X	X	
Dodge County			X
Douglas County	X	X	X
Franklin		X	
Grant County	X	X	X
Jefferson County			X
Kenosha County		X	
Milwaukee City	X	X	X
Oak Creek			X
Pierce County			X
Saint Croix County		X	
Vernon County	X		

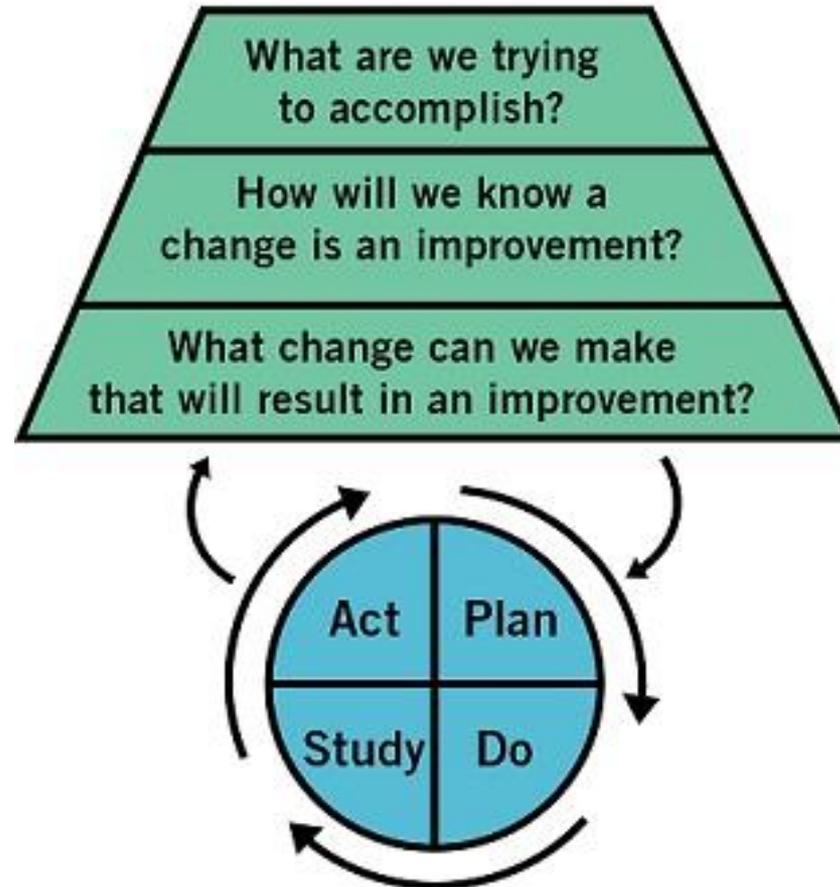
Continuous Quality Improvement

A systematic approach to improving processes and outcomes through

- Regular data collection,
- Examination of performance relative to pre-determined targets,
- Review of practices that promote or impede improvement, and
- Application of changes in practices that may lead to improvements in performance.

Source: Supplemental Information Request for the Submission of the Updated State Plan for a State Home Visiting Program. Retrieved, 4/5/2013 from <http://www.hrsa.gov/grants/manage/homevisiting/sir02082011.pdf>.

Model for Improvement



AIM

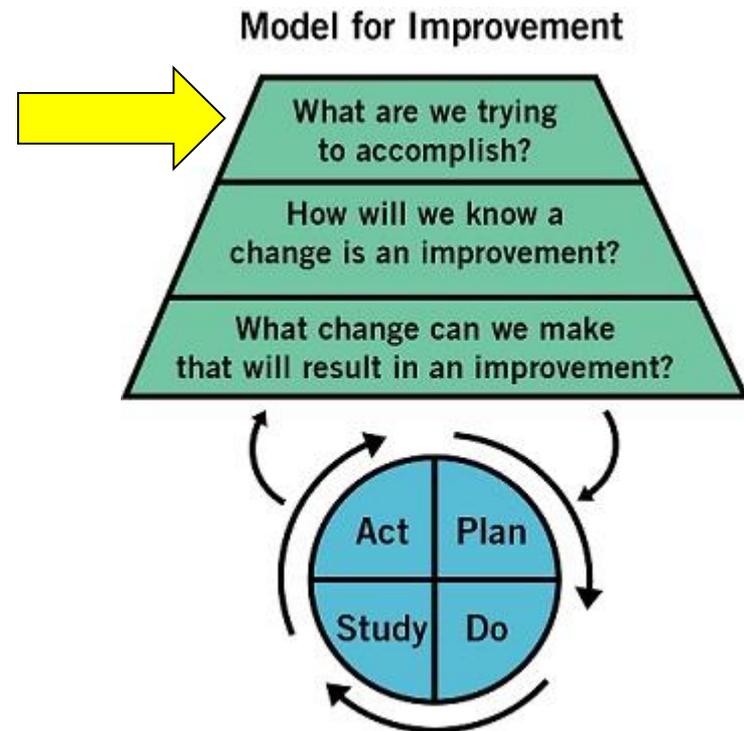
By December 31, 2018

local public health department professionals who have selected the developmental screening objective will experience

a one point gain (on a 4pt. likert scale) in their self-reported confidence in promoting universal developmental screening in their community.

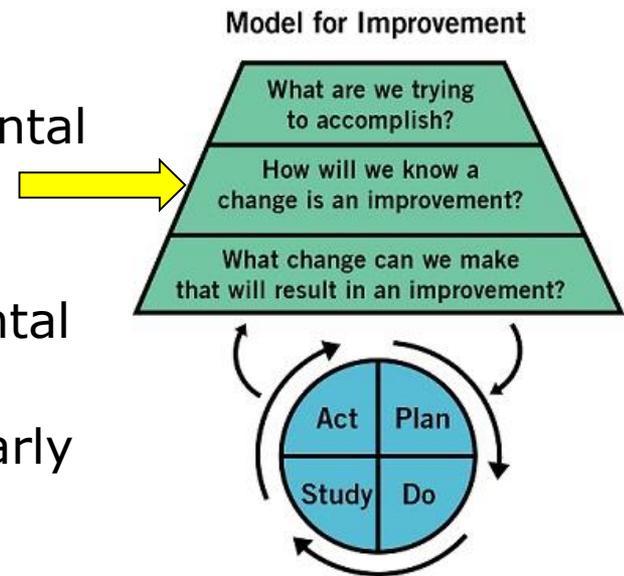
BASELINE: 2.4

(1= not confident, 2= somewhat confident, 3=confident, 4= very confident)



Measures

- LPHD professionals' self-reported levels of confidence in promoting universal developmental screening
- Percent of LPHD teams attending developmental screening learning community calls
- Percent of LPHD teams with an established early childhood coalition with regular meetings
- Percent of LPHD teams who have engaged community partners on developmental screening
- Percent of LPHD professionals who believe developmental screening work competes with their other professional responsibilities



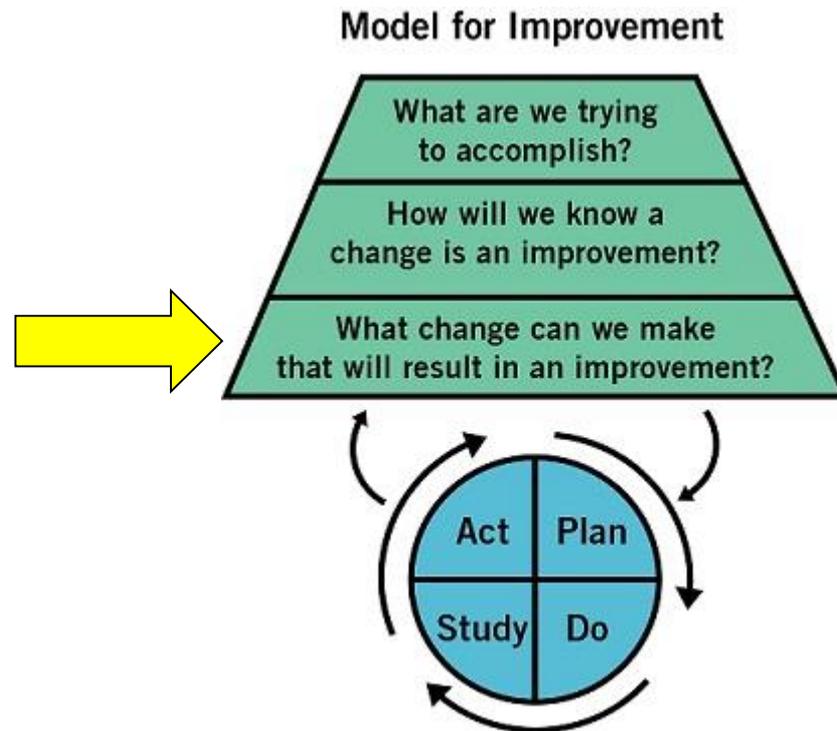
Baseline Measures (n=15)

- LPHD professionals' self-reported levels of confidence in promoting universal developmental screening
 - 2.4 (on 1-4 scale, where 1 = not confident, 4= very confident)
- Percent of LPHD teams attending developmental screening learning community calls
 - TBD
- Percent of LPHD teams with an established early childhood coalition with regular meetings
 - 87% with established EC coalition (66% meet at least quarterly)
- Percent of LPHD teams who have engaged community partners on developmental screening
 - 80% somewhat engaged/engaged/very engaged
- Percent of LPHD professionals who believe developmental screening work competes with their other professional responsibilities
 - 79% competes somewhat/competes a lot

We need your input!

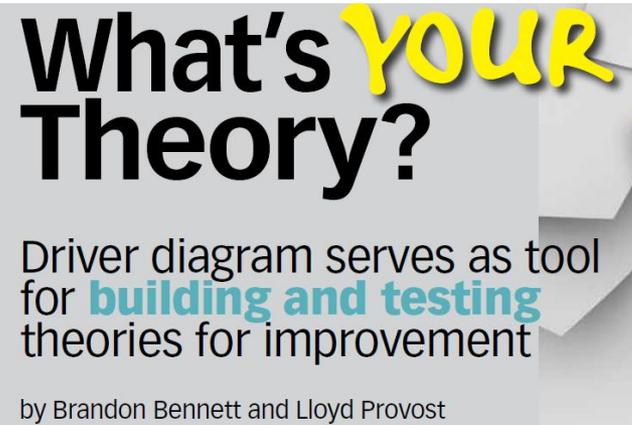
- Brief, online questionnaire
- Three times in 2018
 - January
 - July
 - December

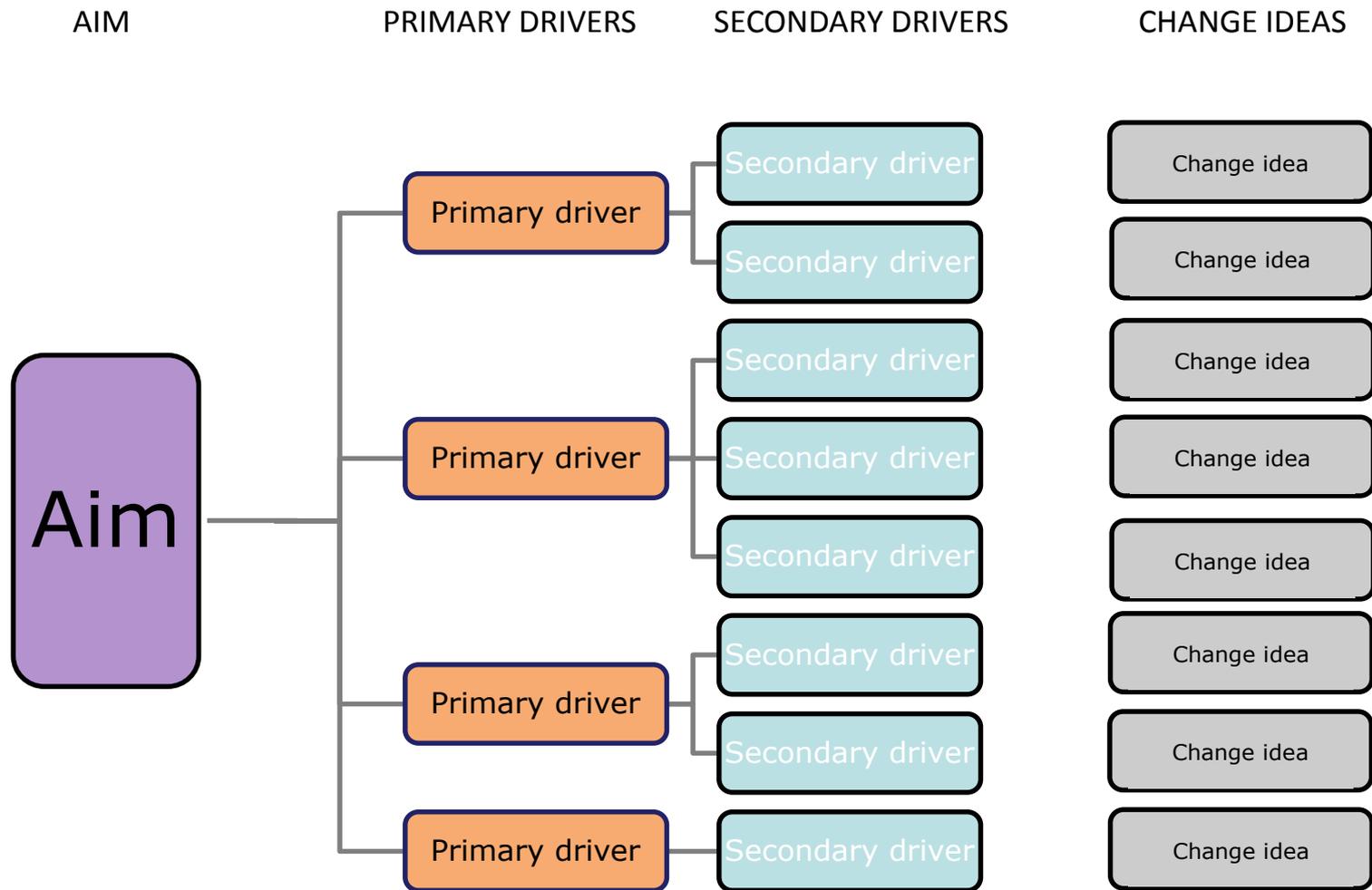
Testing Changes



Driver Diagram

Visual of theory behind what will result in desired improvement





2018 LPHD Developmental Screening Quality Improvement Project

AIM	Drivers	Tests of Change
By December 31, 2018 local public health department professionals who have selected the developmental screening objective will experience a one point gain (on a 4 pt. likert scale) in their self-reported confidence in promoting universal developmental screening in their community.	Local public health department provides engagement, education and promotion of developmental screening in their community	<ul style="list-style-type: none"> • Include information in birth letters to families • Provide trainings to specified target audience (physicians, child care providers, community partners)
	Collaborate with relevant partners	<ul style="list-style-type: none"> • Attend early childhood coalition meetings • Provide technical assistance to partners
	Promote screening availability by multiple partners in the community	<ul style="list-style-type: none"> • Explore who in the community is currently using screening • Provide screening opportunities at established events
	Advocate for systems that identify children in need of screening or appropriate follow-up	<ul style="list-style-type: none"> • Promote a system like WIR to track when children have been screened • Promote a universal tracking system
	Conduct a community assessment	<ul style="list-style-type: none"> • Identify where screening is being done in your community • Identify what resources are available and what resources are needed • Identify who is interested in receiving training
	Promote established referral networks	<ul style="list-style-type: none"> • Provide information to partners on Regional Centers for Children and Youth with Special Health Care Needs • Provide information to partners on WI First Step • Maintain local listing of resources

Measures

1. LPHD professionals' self-reported levels of confidence in promoting universal developmental screening (Outcome)
2. Percent of LPHD teams attending developmental screening learning community calls (Process)
3. Percent of LPHD teams with an established early childhood coalition with regular meetings (Process)
4. Percent of LPHD teams who have engaged community partners on developmental screening (Process)
5. Percent of LPHD professionals who believe developmental screening work competes with their other professional responsibilities (Balancing)

Drivers	Tests of Change
<p>1. Local public health department provides engagement, education and promotion of developmental screening in their community</p>	<ul style="list-style-type: none"> • Include information in birth letters to families • Provide trainings to specified target audience (physicians, child care providers, community partners)
<p>2. Collaborate with relevant partners</p>	<ul style="list-style-type: none"> • Attend early childhood coalition meetings • Provide technical assistance to partners
<p>3. Promote screening availability by multiple partners in the community</p>	<ul style="list-style-type: none"> • Explore who in the community is currently using screening • Provide screening opportunities at established events

Drivers	Tests of Change
<p>4. Advocate for systems that identify children in need of screening or appropriate follow-up</p>	<ul style="list-style-type: none"> • Promote a system like WIR to track when children have been screened • Promote a universal tracking system
<p>5. Conduct a community assessment</p>	<ul style="list-style-type: none"> • Identify where screening is being done in your community • Identify what resources are available and what resources are needed • Identify who is interested in receiving training
<p>6. Promote established referral networks</p>	<ul style="list-style-type: none"> • Provide information on Regional Centers for Children and Youth with Special Health Care Needs • Provide information on WI First Step • Maintain local listing of resources

Testing Changes

- Plan
 - Questions & predictions
 - Who/what/where/when?
- Do
 - Observe the test
 - Document results
- Study
 - Analyze the data
- Act
 - Refine the change and plan for the next cycle





PDSA PLANNING WORKSHEET

Project Name:	PDSA Name:
Specific question addressed:	
What is the objective of the test?	
Planned timeline: Start date:	Completion date:

PLAN:

Briefly describe the test:

How will you know that the change is an improvement?

What driver does the change impact?

What do you predict will happen?

PLAN

List the tasks necessary to complete this test (what)	Person responsible (who)	When	Where
1.			
2.			
3.			
4.			
5.			
6.			

Plan for collection of data:

DO: Test the changes.

Was the cycle carried out as planned? Yes No

If not, why not?

Record data and observations.

What did you observe that was not part of our plan?

STUDY:

Did the results match your predictions? Yes No

Compare the result of your test to your previous performance:

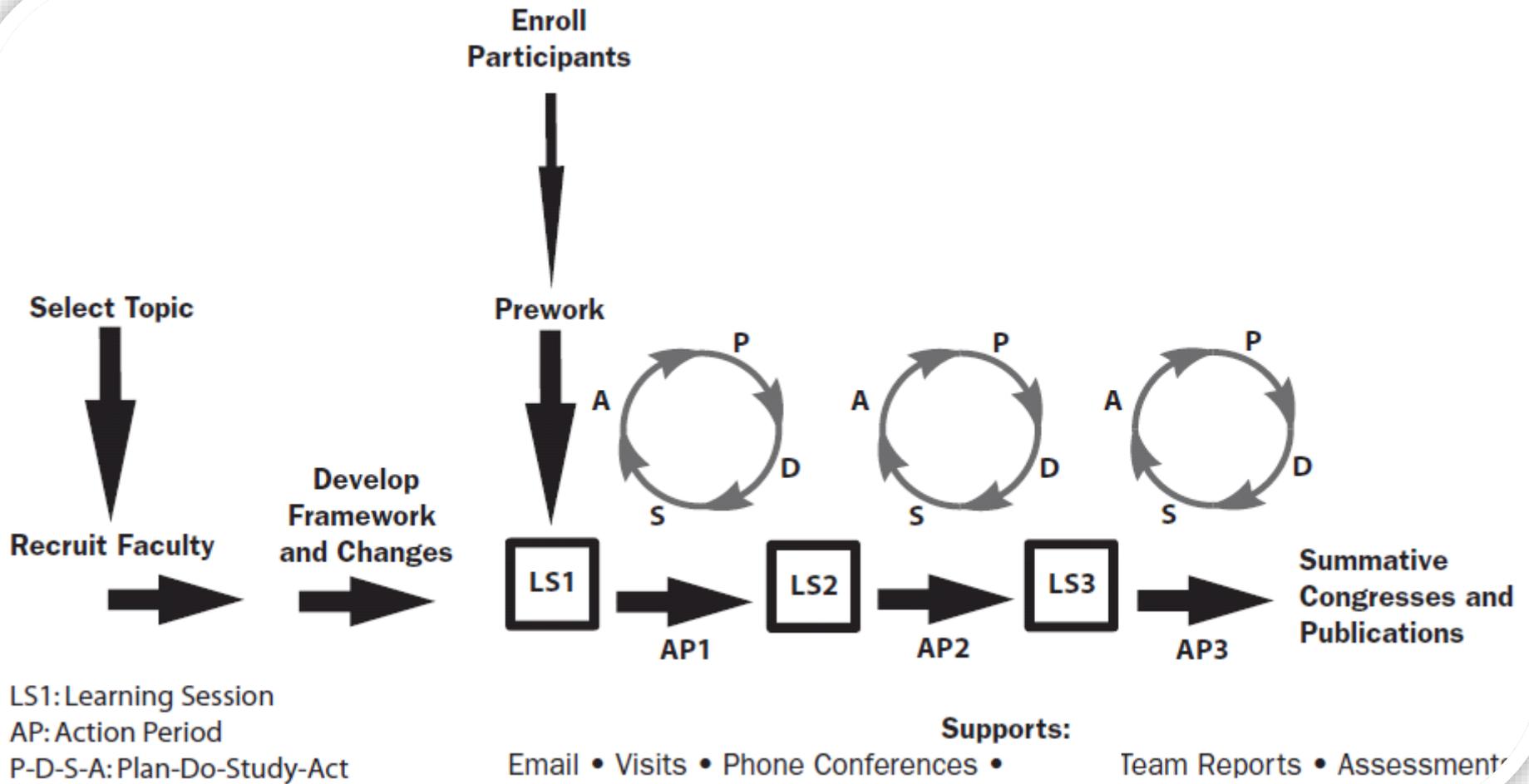
What did you learn?

ACT: Decide to Adopt, Adapt, or Abandon.

- Adapt:** Improve the change and continue testing plan.
Plans/changes for next test/PDSA cycle
- Adopt:** Select changes to implement on a larger scale and develop an implementation plan and plan for sustainability
- Abandon:** Discard this change idea and try a different one

Next Steps

- Identify one “test of change” you’d like to try out related to your developmental screening work
- Run at least one PDSA cycle on this test of change before May 16
- Come to May 16 call ready to share about your test of change, and what you learned!



Learning Community Calls

- May 16 9-10 am
- August 8 9-10 am
- November 14 9-10 am

Your web page

[https://www.wismhi.org/wismhi/
Resources/Resources-for-Public-
Health-Departments](https://www.wismhi.org/wismhi/Resources/Resources-for-Public-Health-Departments)

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