



OMNI

YOUR PARTNER IN SOCIAL CHANGE

# Logic Model Training



# OMNI

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Virginia DBHDS



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# ■ Introductions



- » Your name
- » Your role
- » Your CSB
  
- » Find someone in the room you don't know well and discuss:  
*One thing you like about your prevention work.*

# Learning Objectives



- » Understand the value of a logic model
- » Develop skills to complete a logic model which meets DBHDS 2017 requirements
- » Complete the first stages of a logic model

# Housekeeping





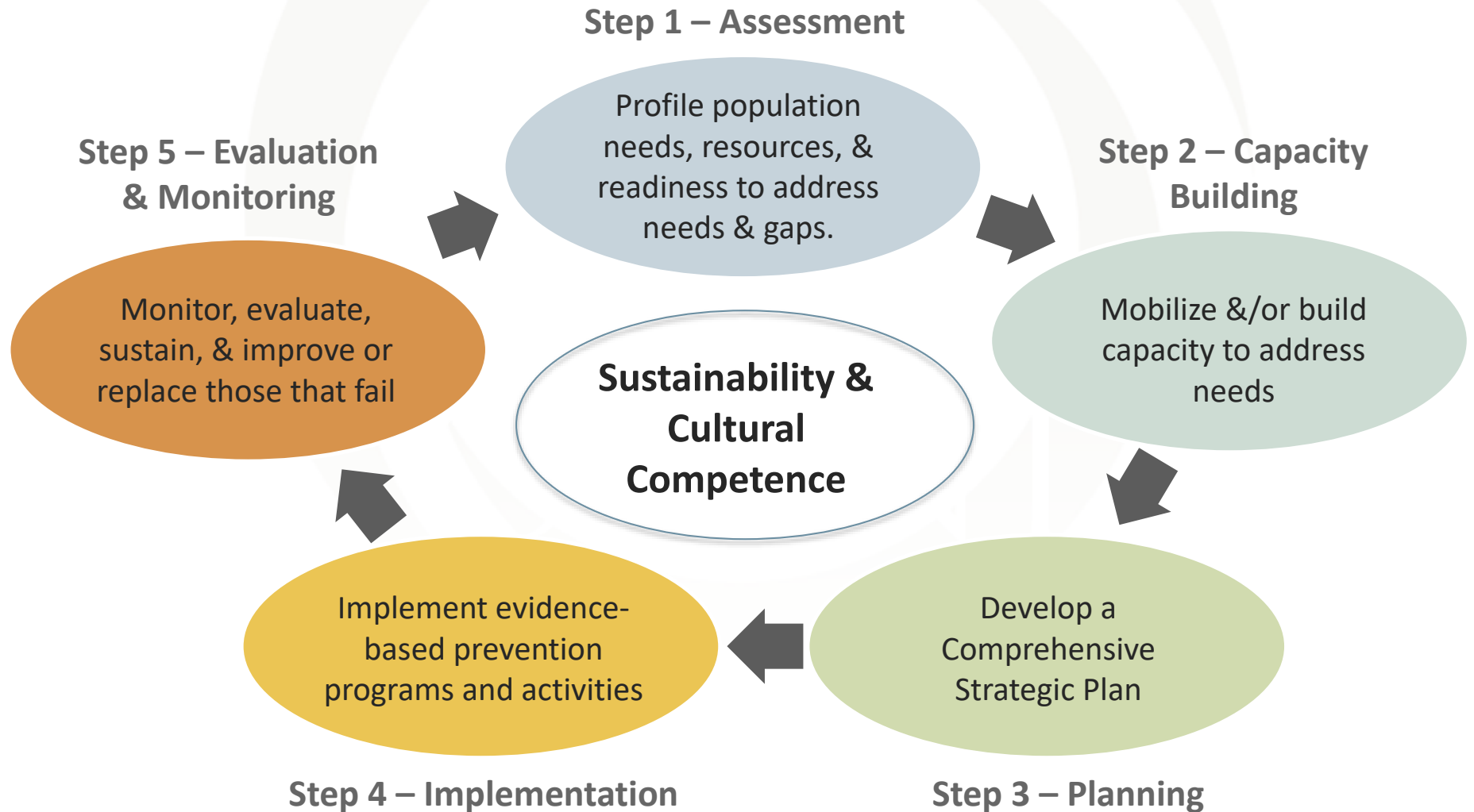
SAMHSA's

Strategic Prevention Framework

# Strategic Prevention Framework



# SPF Planning Process







# The SPF-Based Logic Model

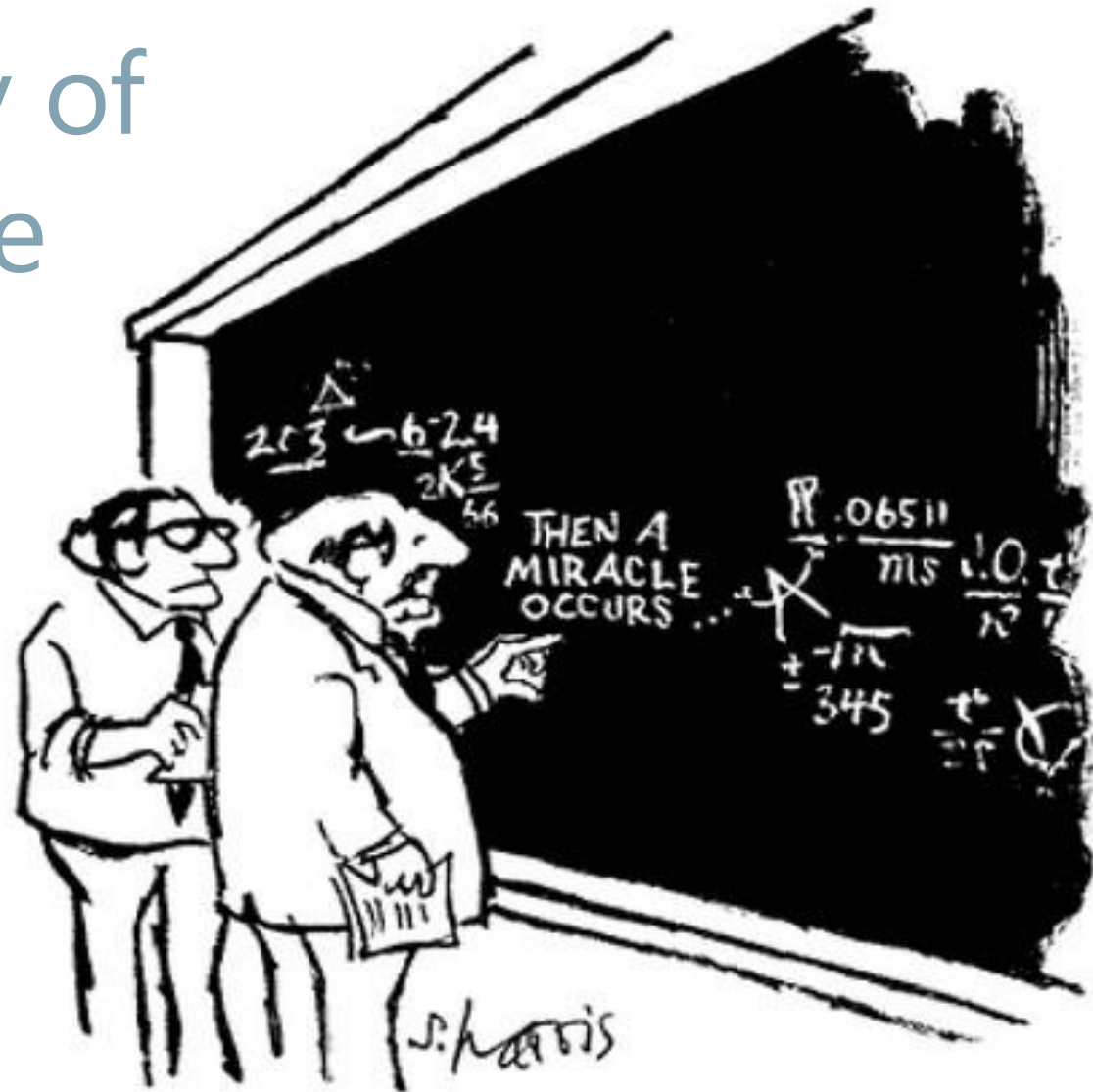
# What is a logic model?

Visual tool

Shows relationship between need, strategies and outcomes

Depicts a theory of change

# Theory of Change



"I think you should be more explicit here in step two."

# If-Then Statements

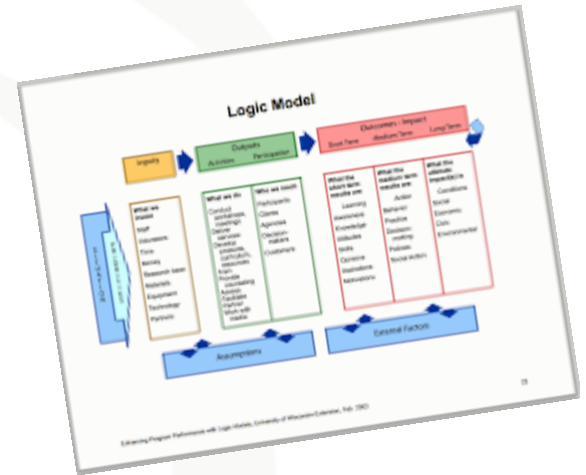
A logic model visualizes a series of “if-then” relationships that outline the program’s **theory of change**



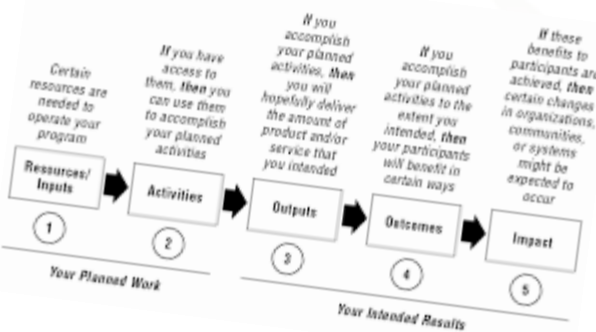
# SPF Logic Model

Problem Statement (SPF Steps 1-2)		Outputs (SPF Step 3-4)		Outcomes (SPF Step 5)		
PROBLEM	INTERVENING VARIABLES and CONTRIBUTING FACTORS But why? But why here?	STRATEGIES What are we doing to address contributing factors? (Step 3)	ACTIVITIES What are we doing to implement strategies? (Step 4)	SHORT-TERM What is the impact of implementing the strategies?	INTERMEDIATE What risk and protective factors are we changing?	LONG-TERM To what extent are we meeting our long-term goals?
<i>Brief description of the behaviors or issues that currently exist and need to change (documented by local data)</i>	<p><i>Research based factors that are strongly related to and influence the identified problem, such as:</i></p> <ul style="list-style-type: none"> <li><i>• Enforcement</i></li> <li><i>• Retail/social access</i></li> <li><i>• Norms</i></li> <li><i>• Perceptions of risk and harm.</i></li> </ul> <p><i>Community specific influences that directly affect the problem</i></p>	<i>Program, practice, or policy that addresses the problem, intervening variable and contributing factor</i>	<i>Concrete and specific actions for implementing the identified strategy</i>	<i>The most immediate impact of your efforts, typically includes changes in participant knowledge and skills as a result of activities</i>	<i>Points that track progress toward more long term outcomes, changes in behaviors, decision-making, and/or actions</i>	<i>More distant targets of your organization's work that include changes in norms, policies, behaviors, and consequences</i>

# Other Logic Models



INPUTS	ACTIVITIES	OUTPUTS	OUTCOMES	IMPACT
The financial & human resources needed to operate the program	How resources are used	Units of service resulting from activities	Changed conditions for program participants	Changes in organizations, communities, or systems
<ul style="list-style-type: none"> <li>Staff</li> <li>Funding</li> <li>Board</li> <li>Clients</li> <li>Materials</li> </ul>	<ul style="list-style-type: none"> <li>Teach students language skills and confidence</li> </ul>	<ul style="list-style-type: none"> <li># of students taught</li> <li>Hours of instruction</li> </ul>	<ul style="list-style-type: none"> <li>Higher high school grad rates</li> <li>Higher college enrollment</li> <li>Higher test scores</li> </ul>	<ul style="list-style-type: none"> <li>Lower crime rates</li> <li>Less poverty</li> <li>Less strain on social safety net</li> </ul>





*“Would you tell me, please, which way I ought to go from here?”*

*“That depends a good deal on where you want to get to,” said the Cat.*

*“I don’ t much care where,” said Alice.*

*“Then it doesn’ t matter which way you go,” said the Cat.*

*- Lewis Carroll*

# What's the Value of a Logic Model?

- ✓ **Planning tool**
- ✓ **Visual explanation**
- ✓ **Communication tool**
- ✓ **Assists in evaluation planning**
- ✓ **Creates accountability**
- ✓ **Funders require it**



# Puzzle Activity



## Your materials:

- » A blank logic model template
- » A stack of labels and definitions

## Your task:

- » Recreate the logic model from memory as if assembling a puzzle
- » Match the definitions to the labels for each component of the logic model



# DBHDS 2017 Logic Model

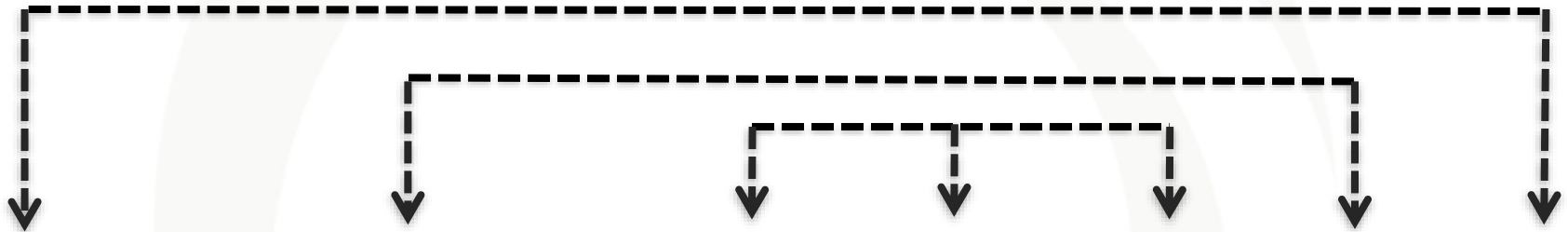
# DBHDS 2017 Logic Model



## LOGIC MODEL

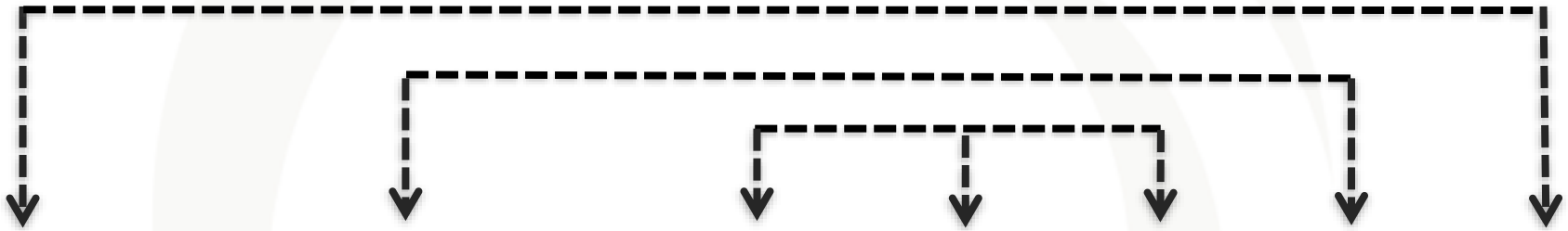
PROBLEM STATEMENT - SPF STEPS 1-2		OUTPUTS - SPF STEPS 3-4		OUTCOMES - SPF STEP 5		
PROBLEM	INTERVENING VARIABLES and CONTRIBUTING	STRATEGIES	ACTIVITIES	SHORT-TERM	INTERMEDIATE	LONG-TERM
(As identified in local needs assessment)	(Risk and protective factors identified in local needs assessment)	(Programs, practices and strategies identified in data entry plan and work plan)	(Key activities identified in work plan)	(Identified in data entry plan outcome categories and targeted outcomes and in work plan outcomes and benchmarks)		
Excessive tobacco use by youth	40% of middle and 80% of high school students report it is easy or very easy to get tobacco products	Counter Tools	Receive training in CounterTools	Increase knowledge of tobacco sales to minor laws and requirements for 70% of merchants involved with compliance checks.  Increase retail passed rates for underage tobacco sales by 25%.	As measured by YRBS, reduce perceptions of ease of access of tobacco by 10% for middle school and high school students.	As measured by YRBS, reduce 30-day tobacco use by 10% for all 10-18 year olds in X County by 2021.
			Conduct environmental scan of all tobacco retailers in target area			
			Partner with Virginia ABC and local law enforcement to set up compliance checks			
			Implement compliance checks			
			Retailer follow-up			
			Monitor/evaluate efforts			
		Family Matters Program	Partner with 3 local middle schools	Increase family communication skills for talking with teens about tobacco use for 75% of participants by end of program.	As measured by YRBS, increase by 10% the perception of harm of tobacco use for middle and high school students.  As measured by YRBS, increase by 20% perceived parental disapproval of tobacco use.	
			Recruit families			
			Implement curriculum to fidelity			
			Monitor/evaluate efforts			

# High Blood Pressure Example



PROBLEM STATEMENT - SPF STEPS 1-2		OUTPUTS - SPF STEPS 3-4		OUTCOMES - SPF STEP 5		
PROBLEM	INTERVENING VARIABLES and CONTRIBUTING FACTORS	STRATEGIES	ACTIVITIES	SHORT-TERM	INTERMEDIATE	LONG-TERM
(As identified in local needs assessment)	(Risk and protective factors identified in local needs assessment)	(Programs, practices and strategies identified in data entry plan and work plan)	(Key activities identified in work plan)	(Identified in data entry plan outcome categories and targeted outcomes and in work plan outcomes and benchmarks)		
<b>High Blood Pressure</b>	Overweight as measured by BMI	Exercise	Obtain gym membership	Increase # of workouts from 1x/week to 3x/week	Reduce BMI by X% by end of year 2	Reduce HBP by X% by end of year 5
			Schedule workouts with a buddy	Increase length of workouts from 20 min to 30 min	Reduce BMI by additional X% by end of year 3	

# Underage Drinking Example



PROBLEM STATEMENT - SPF STEPS 1-2		OUTPUTS - SPF STEPS 3-4		OUTCOMES - SPF STEP 5		
PROBLEM	INTERVENING VARIABLES and CONTRIBUTING FACTORS	STRATEGIES	ACTIVITIES	SHORT-TERM	INTERMEDIATE	LONG-TERM
(As identified in local needs assessment)	(Risk and protective factors identified in local needs assessment)	(Programs, practices and strategies identified in data entry plan and work plan)	(Key activities identified in work plan)	(Identified in data entry plan outcome categories and targeted outcomes and in work plan outcomes and benchmarks)		
<b>Underage Drinking</b>	Retail access	Compliance Checks	Establish ongoing communication with VA ABC	Local compliance rate increases from X% to X%	Local compliance rate above 90% by end of Year 2 as measured by ABC report	Underage drinking decreases by X% by end of Year 5 as measured by YRBS
			Publicly thank retailers who passed the compliance checks		Retail access decreases X% by end of Year 3 as measured by YRBS	
		Merchant Education	Offer individual merchant education sessions to retailers who did not pass compliance checks			

# OUTPUTS vs. OUTCOMES

PPS's	OUTPUTS	OUTCOMES
Drug Take-Back Events	<ul style="list-style-type: none"><li>• # of events per year</li><li>• # of partners organizing</li><li>• # of people who drop off</li><li>• Total pounds of drugs taken back</li></ul>	<ul style="list-style-type: none"><li>• Increased awareness of prescription opioid abuse in community</li><li>• Increase in total pounds of drugs taken back</li><li>• Decrease in social access to prescription opioids</li><li>• Decreased opioid misuse among target population</li></ul>
PDMP	<ul style="list-style-type: none"><li>• # of doctors who receive PDMP literature</li><li>• # of doctors trained</li><li>• PDMP activation rates</li></ul>	<ul style="list-style-type: none"><li>• Increased knowledge about PDMP system</li><li>• Increased skills to use PDMP</li><li>• Increased activation rates of PDMP</li><li>• Decrease in social access to prescription opioids</li><li>• Decreased opioid misuse among target population</li></ul>

# OUTCOMES

**Measurable results for individuals, families, and communities**

SHORT-TERM  
OUTCOMES  
(Learning)

INTERMEDIATE  
OUTCOMES  
(Intervening Variables;  
Contributing Factors)

LONG-TERM  
OUTCOMES  
(Behaviors)

Changes in:

- Awareness
- Knowledge
- Attitudes
- Behavioral intent
- Skills

Changes in:

- Decision-making
- Norms
- Perceptions
- Attitudes
- Behaviors

Changes in:

- Community-wide patterns of use and consequences



# Logic Model Examples



# Underage drinking in Hatfield





# Hatfield Logic Model

## PROBLEM STATEMENT – SPF STEPS 1-2

### Problem

Underage drinking rates are higher than state and regional levels for 10-18 year olds.

### Intervening Variables and Contributing Factors

Social Access – Over 2/3 of 14-18 year olds report it is easy to get alcohol

Perceived Parental Approval of Problem Behavior – Only 1/3 of 14-18 year olds reported that their parents would disapprove of drinking alcohol

# Logic Model Activity



## **Your materials:**

- » Blank logic model template
- » Needs assessment/executive summary
- » Goals and objectives and Action Plan

## **Your task:**

- » Using your needs assessment and planning documents, complete the first two columns of the logic model for your CSB



# Hatfield Logic Model

## OUTCOMES – SPF STEP 5

### Intermediate Outcomes

Decrease ease of access to alcohol as reported by Hatfield youth by 4% by 2020

Increase perception of parental disapproval as reported by Hatfield youth by 6% by 2020

### Long-Term Outcomes

Decrease underage alcohol use by Hatfield 14-18 year olds by 1% by 2022

Decrease underage binge drinking by Hatfield 14-18 year olds by 2% by 2022

# Logic Model Activity



## Your materials:

- » Logic model template in progress
- » Needs assessment/executive summary
- » Goals and objectives and Action Plan

## Your task:

- » Using your needs assessment and planning documents, complete the last two columns of the logic model for your CSB





# Hatfield Logic Model: Social Access

OUTPUTS – SPF STEPS 3-4		OUTCOMES – SPF STEP 5
STRATEGIES	ACTIVITIES	SHORT-TERM OUTCOMES
Social Host Liability	<ul style="list-style-type: none"> <li>• Train staff, youth, and coalition members around social host liability</li> <li>• Conduct an environmental scan for laws already in place</li> <li>• Mobilize community for change</li> <li>• Draft language for policy change</li> <li>• Pass policy</li> <li>• Work with law enforcement to ensure new law is enforced</li> <li>• Monitor/evaluate</li> </ul>	<p>Increase awareness of underage drinking trends and social access</p> <p>Increase awareness of social host laws as a prevention strategy</p> <p>Pass policy</p>

# Logic Model Activity



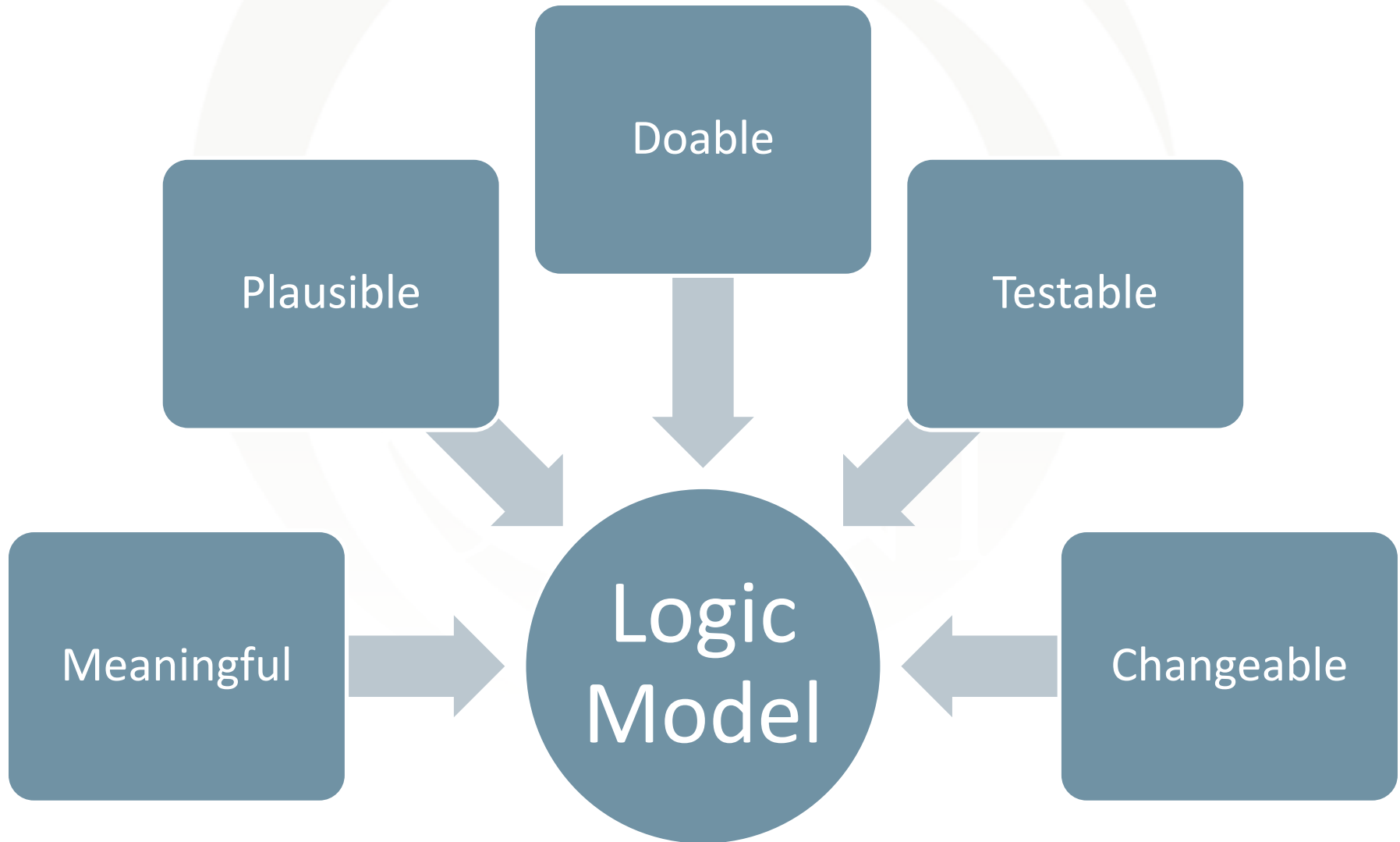
## **Your materials:**

- » Logic model template in progress
- » Your Action Plan

## **Your task:**

- » Using your Action Plan, complete the middle three columns of the logic model for your CSB

# Effective Logic Models



# Next Steps

- ✓ Share today's information with coworkers and community partners
- ✓ **By July 14:** Send a draft of your logic model to [OMNISupport@omni.org](mailto:OMNISupport@omni.org) OR have a TA call scheduled to continue work on the logic model
- ✓ Contact [OMNISupport@omni.org](mailto:OMNISupport@omni.org) with any questions

# Wrap-Up

## ***Questions or Comments?***

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[OMNISupport@omni.org](mailto:OMNISupport@omni.org)

*Thank you for your participation today.*