Encore Institute
FOR SOCIAL IMPACT

LOGIC MODELS
PART 1

ARCHDIOCESE OF KANSAS CITY IN KANSAS
ADVANCEMENT CONFERENCE

MAY 30, 2024

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Meet your Presenters

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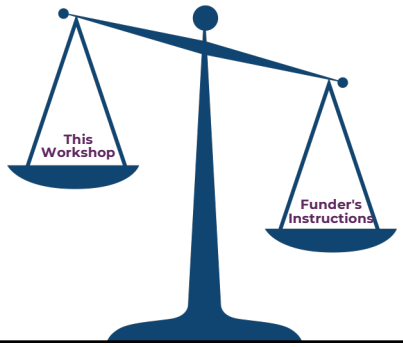
LEARNING OBJECTIVES

LOGIC MODELS PART 1

- INCREASE KNOWLEDGE OF A LOGIC MODEL, ITS COMPONENTS, AND RELATED TERMINOLOGY
- BUILD SKILLS TO CREATE AN APPLICABLE LOGIC MODEL FOR AN AGENCY OR PROGRAM
- STRENGTHEN SKILLS TO DEVELOP MEANINGFUL OUTCOMES AND INDICATORS

Before we get started...



LOGIC MODELS

PART 1

Logic model components and how they're related

Logic model formats

Subheading

Logic model exercise

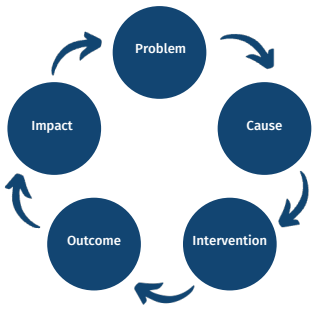
WHAT IS A LOGIC MODEL?

A logic model is a systematic and visual way to present and share your understanding of the relationships among the **resources** you have to operate your program, the **activities** you plan, and the **changes or results** you hope to achieve.

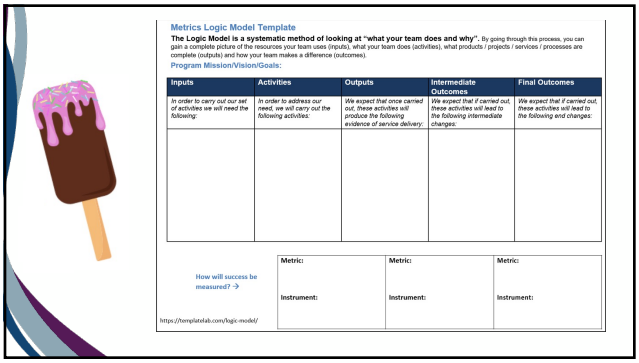
-W.K. Kellogg Foundation

Why use a logic model?

To provide an easily understood overview of how your program will address a challenge (need).



Logic models come in all sorts of formats, but they usually have the same basic components



Metrics Logic Model Template

The Logic Model is a systematic method of looking at "what your team does and why". By going through this process, you can gain a complete picture of the resources your team uses (inputs), what your team does (activities), what products / projects / services / processes are complete (outputs) and how your team makes a difference (outcomes).

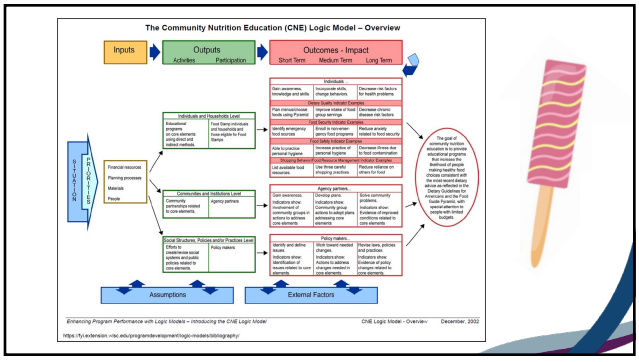
Program Mission/Vision/Goals:

Inputs	Activities	Outputs	Intermediate Outcomes	Final Outcomes
In order to carry out our set of activities we will need the following:	*In order to address our need, we will carry out the following activities:*	*We expect that once carried out, these activities will produce the following evidence of service delivery:*	*We expect that if carried out, these activities will lead to the following intermediate changes:*	*We expect that if carried out, these activities will lead to the following end changes:*

How will success be measured? →

Metric:	Metric:	Metric:
Instrument:	Instrument:	Instrument:

https://templatelab.com/logic-model/



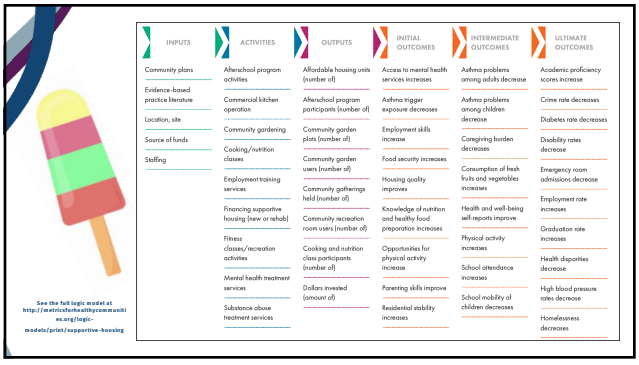
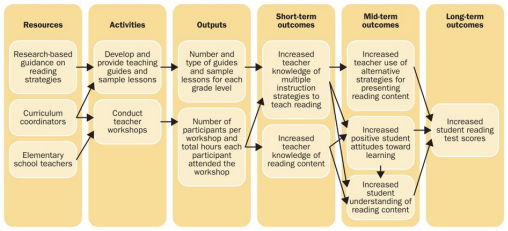


Figure 1. Sample logic model for a teacher training program on alternative reading strategies



Source: Authors.

https://www2.ed.gov/about/offices/list/oese/oss/technicalassistance/easnlogicmodelstoolmonitoring.pdf

COMMON LOGIC MODEL COMPONENTS

INPUTS	ACTIVITIES	OUTPUTS	SHORT-TERM OUTCOMES	INTERMEDIATE OUTCOMES	LONG-TERM OUTCOMES
RESOURCES needed to implement and/or run the program/ project	**What you'll DO with the resources**	**The RESULTS of your activities**	**What will CHANGE in the *short-term***	**What will CHANGE in the *intermediate term***	**What will CHANGE in the *long-term***

COMMON LOGIC MODEL COMPONENTS

INPUTS	ACTIVITIES	OUTPUTS	SHORT-TERM OUTCOMES	INTERMEDIATE OUTCOMES	LONG-TERM OUTCOMES
RESOURCES needed to implement and/or run the program/ project	What you'll DO with the resources	The RESULTS of your activities	What will CHANGE in the *short-term*	What will CHANGE in the *intermediate term*	What will CHANGE in the *long-term*
NOUNS	**VERBS**	**THINGS THAT ARE COUNTED**	**WHAT YOU BELIEVE YOUR PROGRAM WILL CHANGE (AWARENESS, KNOWLEDGE, ACCESS, BEHAVIOR**		

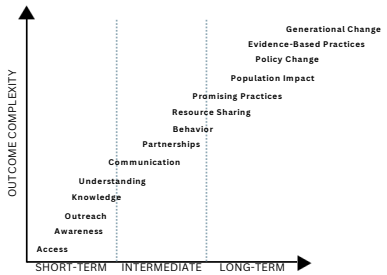
LOGIC MODEL JUMP START

INPUTS	ACTIVITIES	OUTPUTS	SHORT-TERM OUTCOMES	INTERMEDIATE OUTCOMES	LONG-TERM OUTCOMES
RESOURCES needed to implement and/or run the program/ project	What you'll DO with the resources	The RESULTS of your activities	What will CHANGE in the *short-term*	What will CHANGE in the *intermediate term*	What will CHANGE in the *long-term*
• **Staff** • **Supplies** • **Curriculum** • **Volunteers** • **Incentives** • **Space**	• **Offer sessions** • **Provide meals** • **Conduct outreach** • **Plan routes** • **Post job opening**	• **150 referrals made** • **92 referrals completed** • **75 surveys completed** • **4 partner-ships finalized**	• **Reduction in recidivism** • **Increased access to housing** • **Improved reading skills** • **Decreased incidence of diabetes** • **Reduction in violence** • **Increase graduation rates** • **Lower system-wide health care costs** • **Increase community connections**		

LOGIC MODEL RELATIONSHIPS

INPUTS	ACTIVITIES	OUTPUTS	SHORT-TERM OUTCOMES	INTERMEDIATE OUTCOMES	LONG-TERM OUTCOMES
RESOURCES needed to implement and/or run the program/ project	What you'll DO with the resources	The RESULTS of your activities	What will CHANGE in the *short-term*	What will CHANGE in the *intermediate term*	What will CHANGE in the *long-term*
IF we have these resources,	**THEN we can do these activities.** **IF we do these activities,**	**THEN we can show these direct results of our work.** **IF we can achieve these results,**	**THEN we will see these changes in knowledge, skills, behavior, attitude, performance, etc. in the short term.** **IF we see these changes in the short term, THEN we'll see these changes in the intermediate term.** **IF we see these changes in the intermediate term, THEN we'll see these changes in the long term.** *Changes tend to become more complex and will likely have broader impact over time.*		

OUTCOME COMPLEXITY AND SCALE OF IMPACT OVER TIME



WE USE LOGIC MODELS ALL THE TIME!

NEED: HEADACHE RELIEF

INPUTS	ACTIVITIES	OUTPUTS	OUTCOMES
• Ice pack • Ibuprofen • Sofa	• Get ice pack out of freezer • Take ibuprofen • Lie down on sofa	• 1 ice pack used • 2 ibuprofen taken • 1 30-minute nap taken	• Headache is gone • Reduced crabbiness • Increased productivity

JULY 4 BLOCK PARTY

- Set off fireworks
- Tables
- 72 people attend (43 adults, 29 children)
- Purchase parade and Pie Palooza prizes
- Rent tables and chairs
- Hire face painters
- Increased community investment
- Increased community safety
- Borrow coolers
- Improved mental health/reduced incidence of depression
- Accept donations
- 17 children participate in parade
- New friendships formed between neighborhood children
- Food, beverages, ice
- Increased feelings of community
- Create food sign-up form in Google Docs
- Judges for parade and Pie Palooza
- Food sign-up form
- Chairs
- Increased intergenerational connectedness
- Face painter
- Create invitation flyer
- Flyer with block party info
- 12 people participate in Pie Palooza
- 2 face painters hired
- Hold bike/trike/scooter parade and award prizes
- Fireworks
- Purchase plates, utensils, napkins
- 3 Amazon gift cards purchased ($25 each)
- New connections made between neighbors
- Increased neighborhood pride
- Donations
- 8 bags of ice purchased
- Fill coolers with ice and beverages
- Reduction in car/house break-ins
- Purchase food, beverages, ice
- 4 Facebook posts created & posted
- 32 people bring food
- Coolers
- Clean up
- 4 pop-up tents secured
- Borrow pop-up tents from neighbors
- Parade prizes
- Hold Pie Palooza judging and award prizes
- Return rented tables and chairs
- 3 Amazon gift cards awarded to Pie Palooza winners
- Neighborhood babysitting, pet sitting, and house-sitting directories created
- 4 coolers filled with ice
- Neighborhood crime watch committee created
- 3 parade prizes purchased
- 4 coolers borrowed
- 40 chairs rented
- 3 prizes awarded to parade winners
- 5 tables rented
- Post lost items in neighborhood Facebook group
- Set up tables, chairs, pop-up tents
- 50 flyers created & distributed
- 2 volunteer judges secured for parade
- 3 volunteer judges secured for Pie Palooza
- Pop-up tents
- 100 plates, napkins, sets of utensils purchased
- Pie Palooza prizes
- 31 adults and 10 children provide feedback
- Get volunteer judges for parade and Pie Palooza
- Follow up with neighbors to get feedback for next year
- Distribute flyer and post in neighborhood Facebook group
- 3 prizes awarded to parade winners

INPUTS	ACTIVITIES	OUTPUTS	SHORT-TERM OUTCOMES	INTERMEDIATE OUTCOMES	LONG-TERM OUTCOMES
Flyer with block party info Food, beverages, ice Fireworks Tables Chairs Pop-up tents Coolers Plates/utensils/ napkins Face painter Food sign-up form Judges for parade and Pie Palooza Parade prizes Pie Palooza prizes Donations	Create food sign-up form in Google Docs Create invitation flyer Distribute flyer and post in neighborhood Facebook group Get volunteer judges for parade and Pie Palooza Borrow pop-up tents from neighbors Rent tables and chairs Hire face painters Purchase plates, utensils, napkins Purchase food, beverages, ice Purchase parade and Pie Palooza prizes Purchase fireworks Accept donations Borrow coolers Set up tables, chairs, pop-up tents Fill coolers with ice and beverages Hold bike/trike/scooter parade; award prizes Hold Pie Palooza judging; award prizes Set off fireworks Clean up Return rented tables and chairs Post lost items in neighborhood Facebook group Follow up with neighbors to get feedback for next year	50 flyers created & distributed 4 Facebook posts created & posted 2 volunteer judges secured for parade 3 volunteer judges secured for Pie Palooza 3 parade prizes purchased 3 Amazon gift cards purchased ($25 each) 4 pop-up tents secured 4 coolers borrowed 2 face painters hired 5 tables rented 40 chairs rented 100 plates, napkins, sets of utensils purchased 8 bags of ice purchased 4 coolers filled with ice 72 people attend (43 adults, 29 children) 32 people bring food 17 children participate in parade 12 people participate in Pie Palooza 3 Amazon gift cards awarded to Pie Palooza winners 3 prizes awarded to parade winners 31 adults and 10 children provide feedback	New connections made between neighbors New friendships formed between neighborhood children Neighborhood babysitting, pet sitting, and house-sitting directories created Increased feelings of community	Neighborhood crime watch committee created Reduction in car/house break-ins Increased neighborhood pride	Increased community safety Increased community investment Increased intergenerational connectedness Improved mental health/reduced incidence of depression

INPUTS	ACTIVITIES	OUTPUTS	SHORT-TERM OUTCOMES	INTERMEDIATE OUTCOMES	LONG-TERM OUTCOMES
Flyer with block party info Food, beverages, ice Fireworks Tables Chairs Pop-up tents Coolers Plates/utensils/ napkins Face painter Food sign-up form Judges for parade and Pie Palooza Parade prizes Pie Palooza prizes Donations	Create food sign-up form in Google Docs Create invitation flyer (w/Google Doc link) Distribute flyer and post in Facebook group Rent tables and chairs Hire face painters Secure Donations/Volunteers: • Pop-up tents from neighbors • Coolers (4) • Judges (2 for parade, 3 for Pie Palooza) • Financial donations to cover exps • Fireworks Purchase supplies: • Plates, utensils, napkins (100) • Ice (8 bags) • Purchase food, beverages (for 100 people) • Purchase parade (3 items - TBD) and Pie Palooza prizes (3 $25 Amazon gift cards Day of/after Event: • Set up tables, chairs, pop-up tents • Fill coolers with ice and beverages • Hold bike/trike/scooter parade; award prizes • Hold Pie Palooza judging; award prizes • Set off fireworks • Clean up • Return rented tables and chairs • Post lost items in neighborhood Facebook group • Follow up with neighbors to get feedback	50 flyers created & distributed 4 Facebook posts created & posted 2 volunteer judges secured for parade 3 volunteer judges secured for Pie Palooza 3 parade prizes purchased 3 Amazon gift cards purchased ($25 each) 4 pop-up tents secured 4 coolers borrowed 2 face painters hired 5 tables rented 40 chairs rented 100 plates, napkins, sets of utensils purchased 8 bags of ice purchased 4 coolers filled with ice 72 people attend (43 adults, 29 children) 32 people bring food 17 children participate in parade 12 people participate in Pie Palooza 3 Amazon gift cards awarded to Pie Palooza winners 3 prizes awarded to parade winners 31 adults and 10 children provide feedback	New connections made between neighbors New friendships formed between neighborhood children Neighborhood babysitting, pet sitting, and house-sitting directories created Increased feelings of community New neighborhood tradition created	Neighborhood crime watch committee created Reduction in car/house break-ins Increased neighborhood pride	Increased community safety Increased community investment Increased intergenerational connectedness Improved mental health/reduced incidence of depression

CREATING A LOGIC MODEL

Where to start?

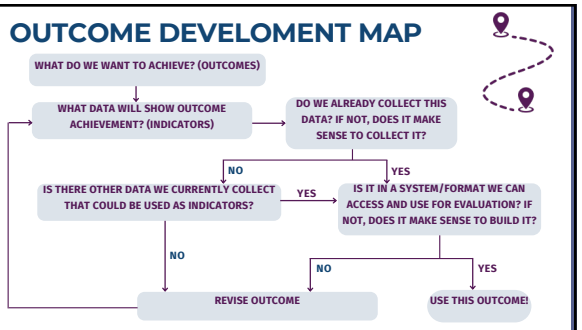
INPUTS	ACTIVITIES	OUTPUTS	SHORT-TERM OUTCOMES	INTERME-DIATE OUTCOMES	LONG-TERM OUTCOMES

CREATING A LOGIC MODEL

Where to start?

INPUTS	ACTIVITIES	OUTPUTS	SHORT-TERM OUTCOMES	INTERME-DIATE OUTCOMES	LONG-TERM OUTCOMES
			Start here!		

OUTCOME DEVELOMENT MAP



CREATING A LOGIC MODEL

Where to start?

INPUTS	ACTIVITIES	OUTPUTS	SHORT-TERM OUTCOMES	INTERME-DIATE OUTCOMES	LONG-TERM OUTCOMES
Then work here...			*Start here!*		

...and here.

How can logic models support program design (or redesign)?

PROGRAM PLANNING TOOL

Activities and Services: What Will You Do? (Does the funder mandate these?)	Data/results: What will each activity lead to? (Outputs, outcomes, indicators)	Cost Description: What will you need to "pay for" in your budget?	Estimated Amount	Notes
EXAMPLE Peer support services for 50 individuals per year: • Outreach • Intake/screening • Goal setting • Weekly case management and goal monitoring (Case loads 15; some attrition)	EXAMPLE 50 (x 3 years) enrolled 80% remain substance free during 180-day program 75% complete program and exit to stable housing 60% free from substance use at six months (self-report)	EXAMPLE Three 0.60 FTE peer support workers (salary, benefits) Plus mileage for outreach, community-based client meetings, transporting clients	EXAMPLE $25,210/year (0.6 FTE or 1,248 hours/yr @ $20.20) x 3 21.5% benefits on top of pay $100/month/ staff mileage	EXAMPLE One peer is already on staff (will receive a 10% raise to the stated wage and compete better in local market); billing and mileage begin immediately upon award 2.0 new staff hired within 90 days

PROGRAM PLANNING TOOL

Activities and Services: What Will You Do? (Does the funder mandate these?)	Data/results: What will each activity lead to? (Outputs, outcomes, indicators)	Cost Description: What will you need to "pay for" in your budget?	Estimated Amount	Notes
WHAT WILL YOU DO? IS IT REQUIRED OR ALLOWED?	WHAT RESULTS WILL IT LEAD TO AND/OR TIE TO? ARE THEY FUNDER-DRIVEN OR DESIGNED BY YOU?	WHAT NEEDS TO BE INCLUDED IN THE BUDGET TO DELIVER THE SERVICES AND ACHIEVE THE RESULTS?	WHAT DO THOSE THINGS COSTS?	WHAT DO YOU NEED TO LOOK INTO, REMEMBER, REQUEST OF OTHERS, ETC. TO VALIDATE AND FINALIZE THESE PROJECTIONS?

Use this tool for lower stress/greater efficiency in planning with a team!

THANK YOU
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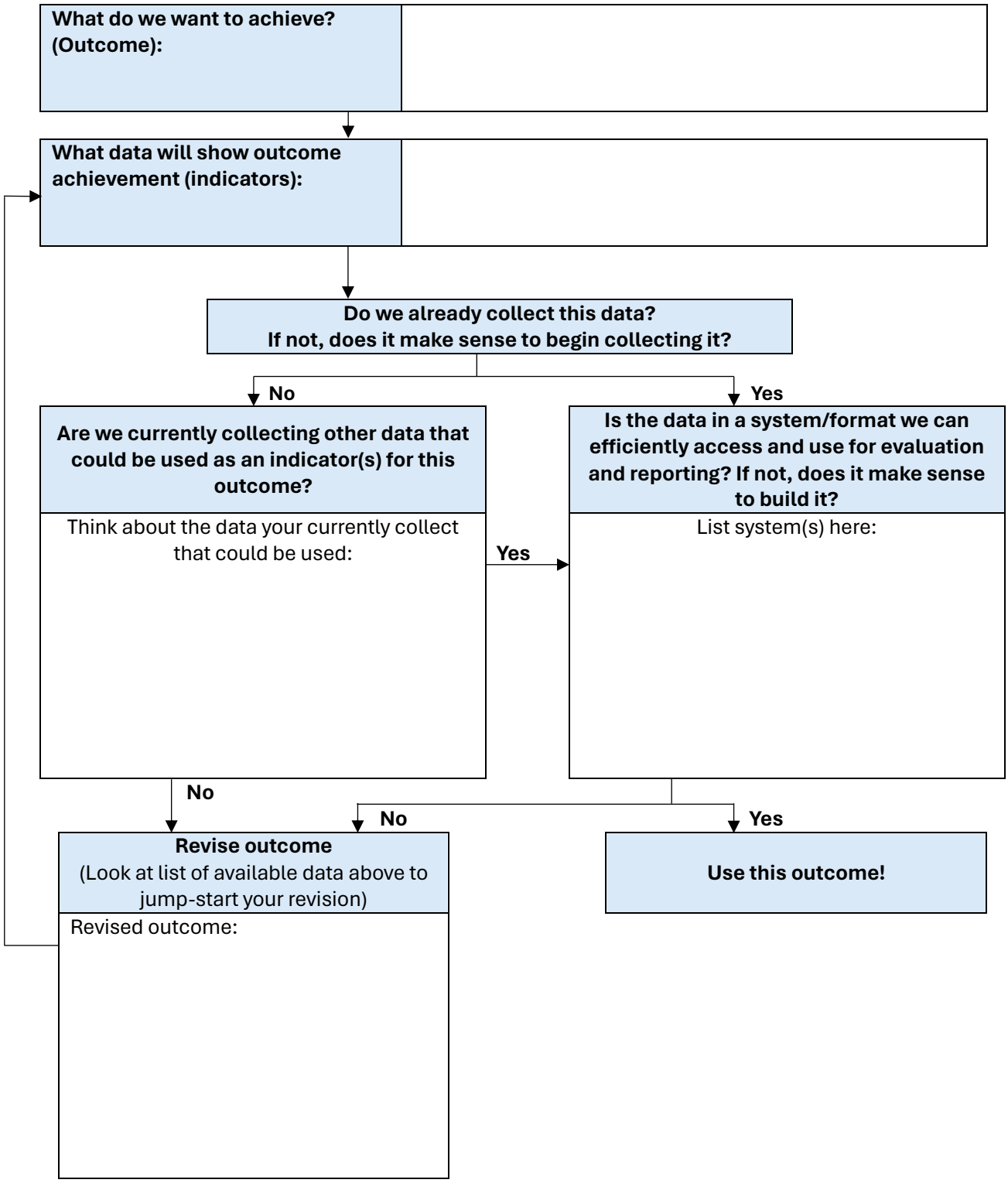
Outcome Development Map



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