

September 30, 2021

Module 2

Evaluation Questions

Chapter Progression

1

How Evaluation Questions Relate to the Logic Model

2

How to Write Evaluation Questions: the PARSEC Framework

3

How to Prioritize Evaluation Questions

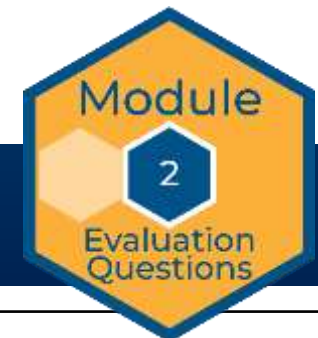


REL Central at Marzano Research

COLORADO KANSAS MISSOURI NEBRASKA NORTH DAKOTA SOUTH DAKOTA WYOMING

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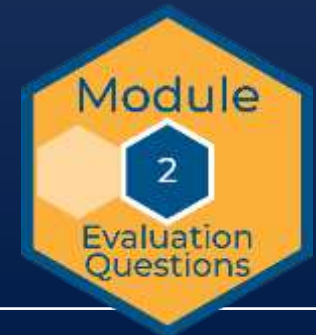




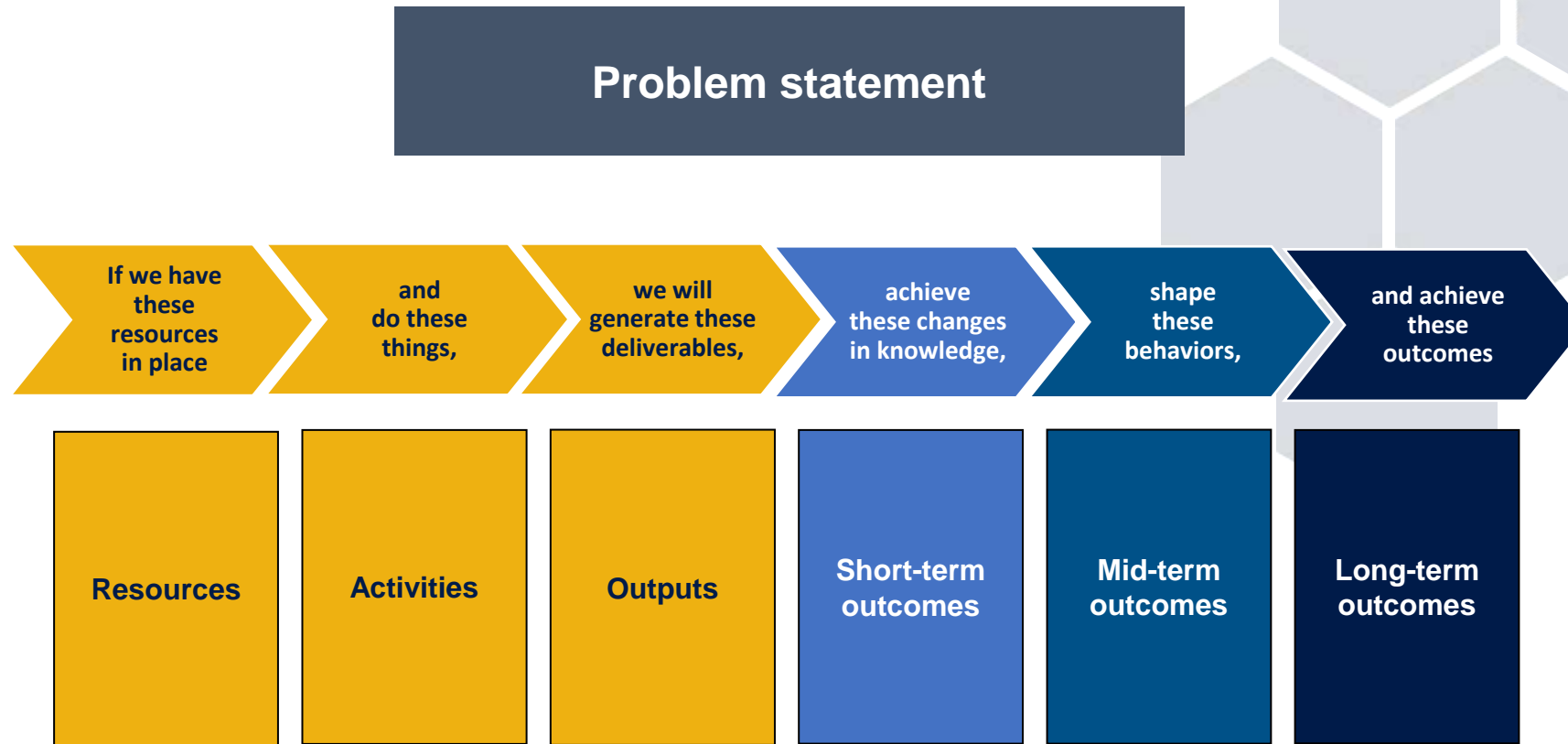
Chapter 1



How Evaluation Questions Relate to the Logic Model



Logic Models Are the Center of Evaluation



Types of Evaluation Questions

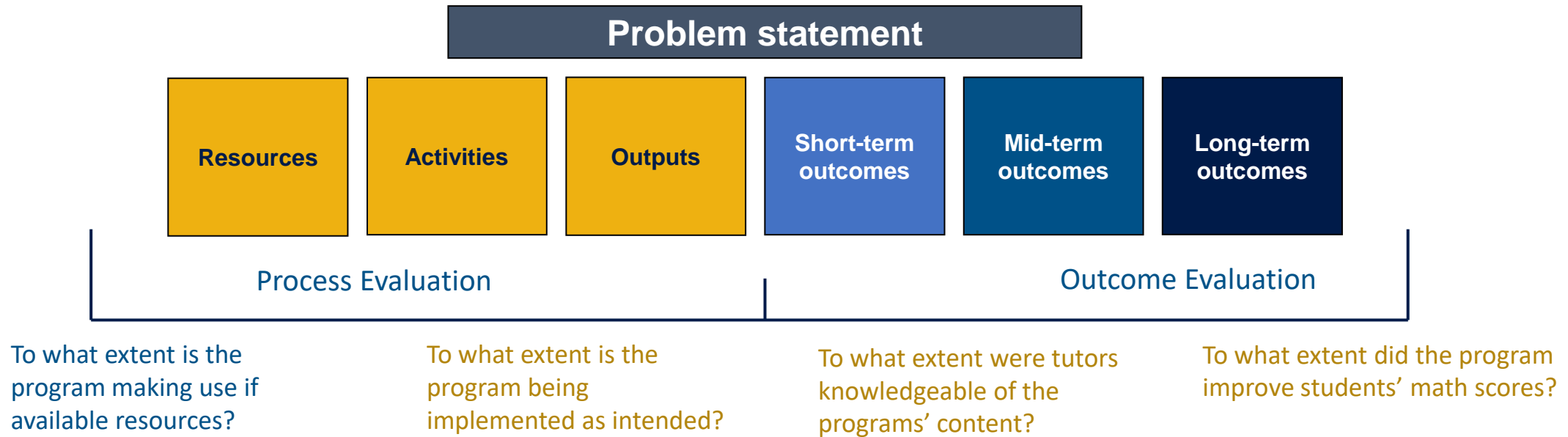
Process evaluation questions

- They are concerned with implementation.
- The goal is to improve the program.

Outcome evaluation questions

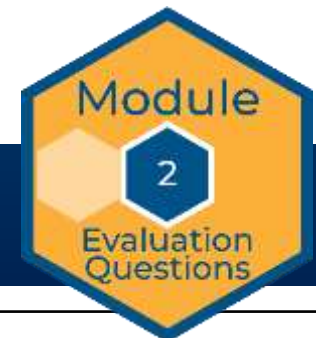
- They are concerned with program outcomes.
- The goal is to document program merit.

Evaluation Questions and the Logic Model



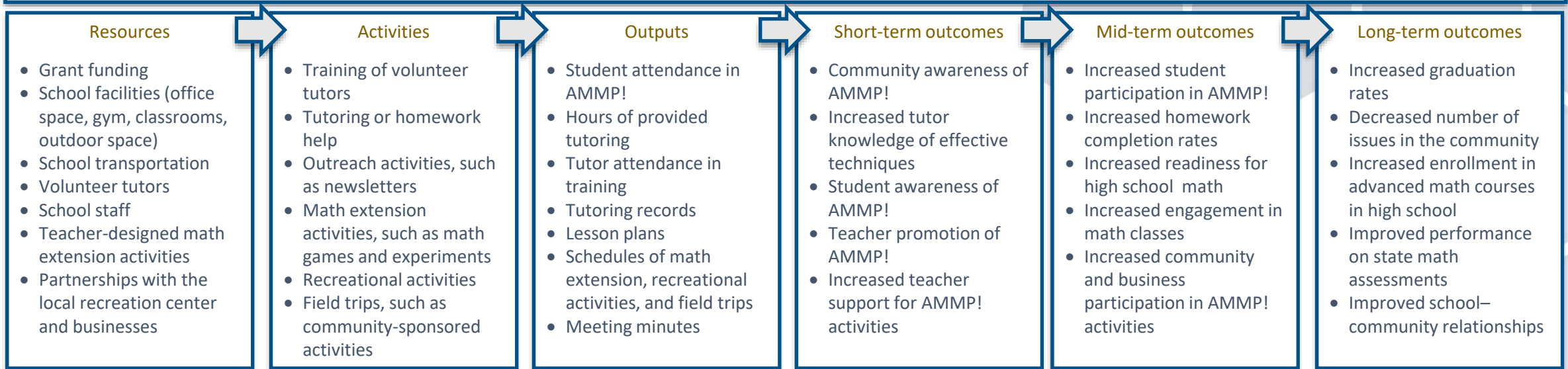
After-School Middle-Grades Math Program (AMMP!)

- A middle school has been experiencing
 - low rates of math homework completion, which may contribute to low math achievement scores; and
 - high numbers of unsupervised students, which may contribute to community issues such as vandalism.
- AMMP! offers math tutoring, math extension, homework completion support, recreational activities, and field trips during after-school hours.



AMMP! Logic Model

Problem statement: Students at the middle school have low homework completion rates (lower than 40 percent) and low performance on state math assessments (only 25 percent proficient or advanced). In addition, the community around the middle school is experiencing issues with unsupervised students after. Incidents involving middle school students are up 17 percent over the last three years. Stakeholders, including school staff, students, parents, community services, property owners, and businesses, are concerned about the low performance and unsupervised after-school time. Research has indicated that low math performance in middle school is correlated with low graduation rates and that unsupervised after-school time is related to an increase in community issues. The school district has recently received a federal grant and would like to use these funds to address the problem.



Additional considerations: Availability of tutors and school facilities. Unsupervised after-school time results in increased community issues. Including recreational activities will improve attendance.

Using the AMMP! Logic Model

Process evaluation questions

- Which activities require the most resources?
- Which activities are being used the most?

Outcome evaluation questions

- How effective are the tutors after training?
- What is the increase in math homework completion for participants?

Activity: Drafting Your First Questions

- Draft evaluation questions based on your logic model.

Evaluation Question	Logic Model Component	Process or Outcome
Which activities require the most resources?	Activities	Process
Which activities are being used the most?	Activities	Process
How effective are the tutors after training?	Mid-term outcomes	Outcome
What is the increase in math homework completion for participants?	Mid-term outcomes	Outcome



Chapter 1 Complete



Recommended next: Chapter 2 – How to Write Quality Evaluation Questions



Thank You

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