

Muskegon Public Schools Safe Schools- Healthy Students

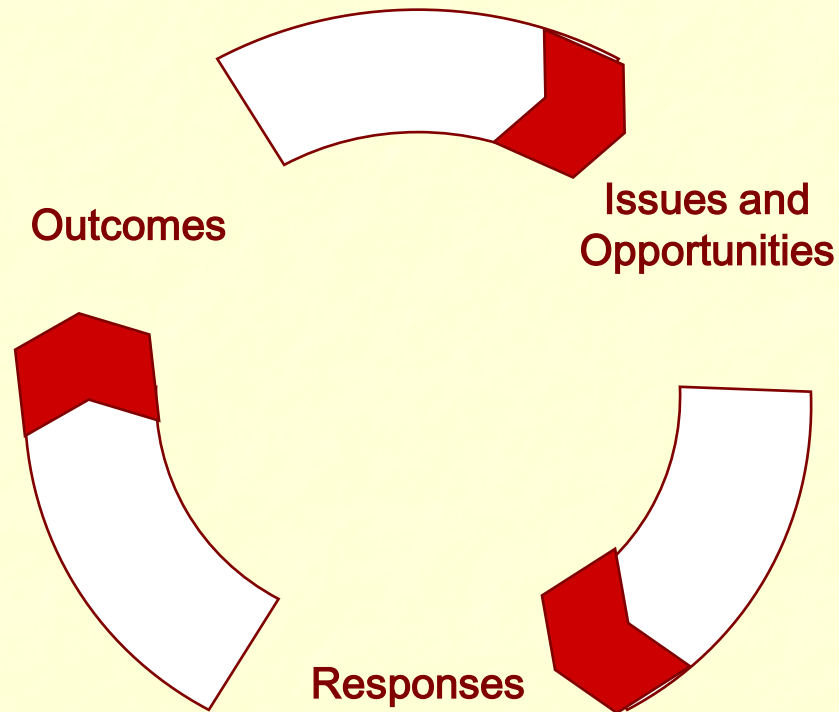
Approach to Database Development

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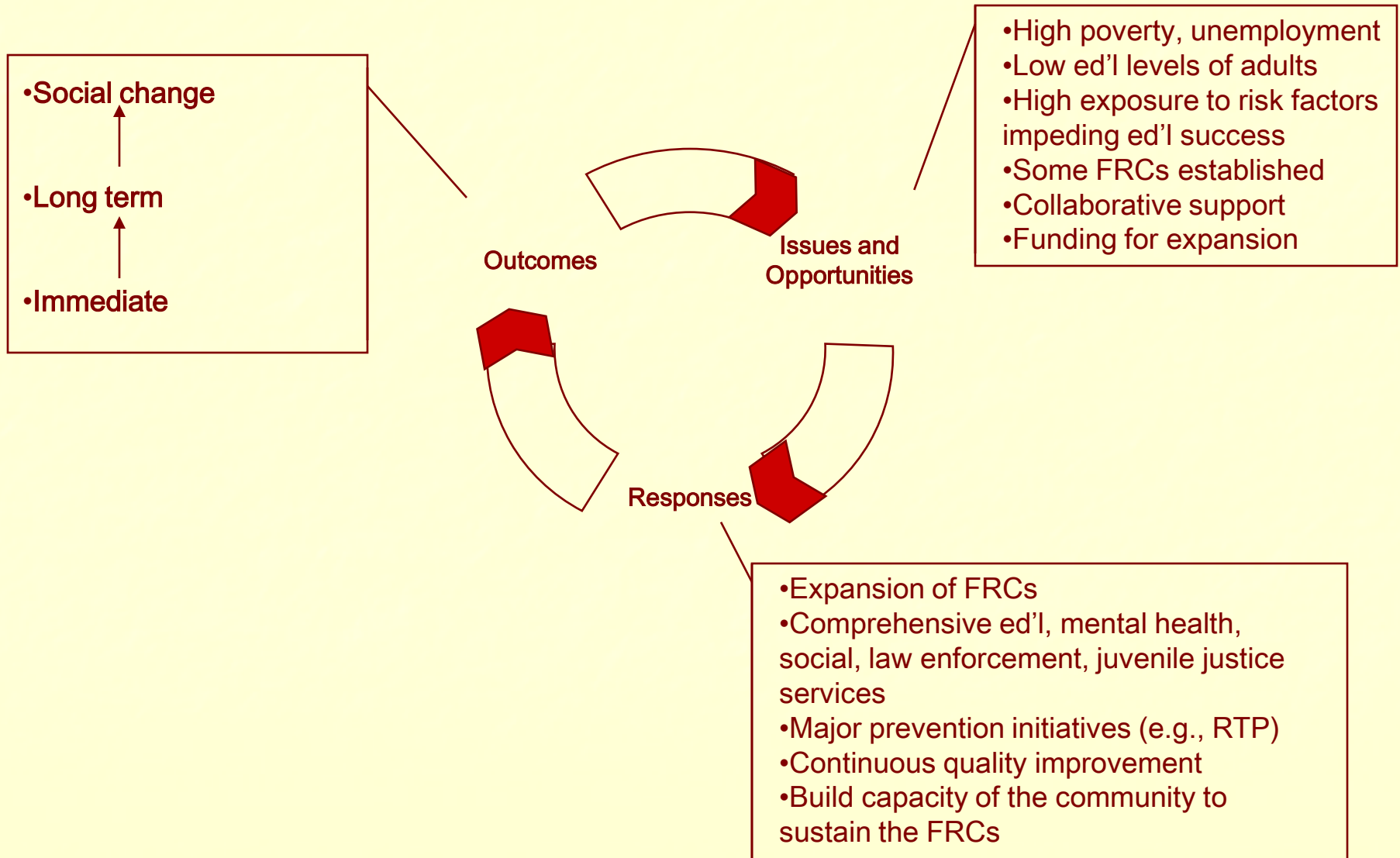
Agenda

1. Theory of Change
2. Outcomes
3. Purpose of the Database
4. Database Users
5. Approach to System Development
6. Components of the Database
7. Safe-guarding the Data
8. Keys to Successful System Development.

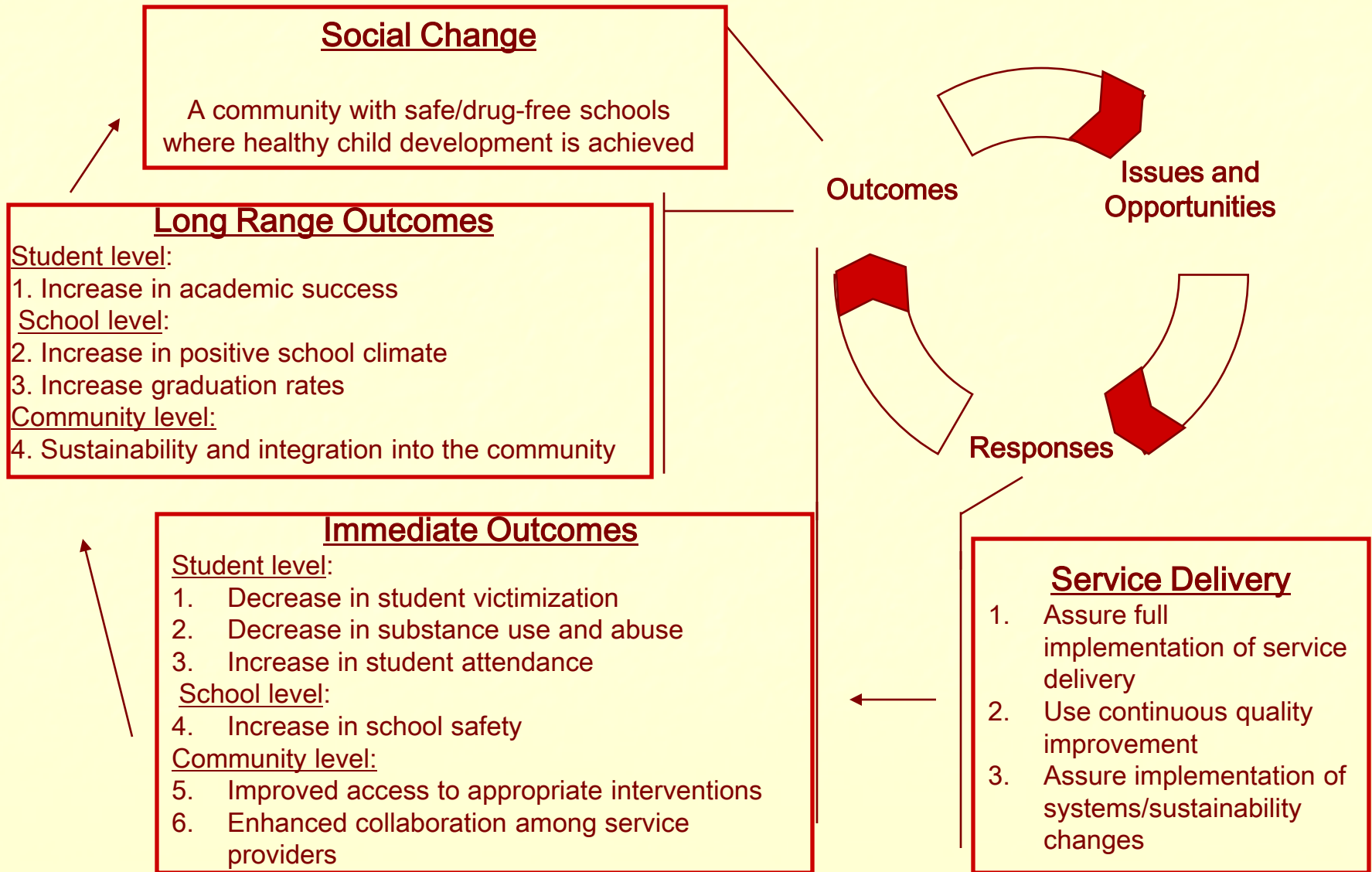
Theory of Change Logic Loop



Theory of Change for the SSHS



MPS SS/HS Outcomes



Purpose of the Database

1. Support ongoing quality improvement efforts
2. Evaluate the extent to which outcomes are reached
3. Identify the keys to long-term sustainability of outcomes.

Database Users

1. Project Director
2. Core Management Team
3. Service Providers
4. School
5. Community
6. Funder.

User Approach to Database Development

1. User friendly and user tolerant
2. "Fits" around the work and delivery processes of the project
3. Minimizes duplication
4. Has capacity to be enhanced as project needs grow
5. Access to data entry and reporting is based upon the need to know.

Features of the User Interface

1. Custom-designed menu system and access based upon needs of the various users
2. Decentralized data entry
3. Decentralized reporting
4. Project reporting at the building level, grade level, district level and community level.

Technical Approach to Database Development

1. Platform is Microsoft Access 2003
2. Because of the freeze on IT upgrades, the system will be distributed in Run Time, which will run the database on computers that don't have Access
3. Some data will be downloaded from other partners and uploaded into the database
4. System development is being done by the project evaluator.

Components of the Database

SSHS Project Database

Safe Guarding the Data

1. Difference between HIPPA and FERPA
2. County-wide Multi-agency Release, which includes informed consent
3. Database requires notation about releases and informed consent.

Keys to Successful Database Development

1. A strong evaluation plan developed via partnering
2. Creation (or refinement) of data collection tools that are efficient and user friendly
3. Piloting of data collection tools to make refinements before system development
4. Utilization of technology that allows for custom design
5. Development and piloting of data entry system...

Keys to Successful Database Development

6. A champion for data quality
7. Flexibility in designing components
8. Use of techniques that minimize data entry error (drop down menus)
9. Ongoing feedback to improve the database
10. Commitment to implementation.