

### Root Cause Analysis – Data and Context Packet

#### WHAT & WHY?

On Saturday, January 22<sup>nd</sup>, each committee will brainstorm causes for the unmet needs selected for analysis. This is hard work that needs a deep understanding to be successful. You will receive readings for context around all three unmet needs selected during the December 14<sup>th</sup> Committee Meeting. Reading this packet will help you get the most out of the activities, including:

1. Provide a deeper understanding of the context around unmet needs.
2. Jumpstart your thinking on causes through guided prompts.

#### PART 1 REVIEW

Review the final unmet needs statements developed by your committee to perform a root cause analysis upon. Review the context from the Community Interviews and the “who”, “what”, and “why” identified in the development of that unmet needs statement.

#### PART 2 READ

Learn more about the context around each unmet need by reading the following perspectives:

1. Expert Interviews
2. Committee Insights
3. Research and Data

estimated time: 20 minutes or more

#### PART 3 REFLECT

Using the readings from Part 2, begin your initial brainstorm using the following prompts:

1. What might be causing this unmet need to happen?
2. What causes might be connected to the work of other committees?

recommended time: 10 minutes or more

### Part 1 – Review | Unmet Needs Statement

*This is one of three unmet needs statements prioritized by this committee for the January 22<sup>nd</sup> Root Cause Analysis exercise(s). This statement was selected by the committee during the December 14<sup>th</sup> committee meeting.*

Elementary school / 6th grade students need earlier access/exposure to athletics programming and opportunities to develop athletic skills that prepare them for competition in middle and high school.

### Part 1 – Review | Unmet Needs Statement Generation

#### Earlier athletics exposure

##### Athletics not offered at 6th grade

- “We need sports in 6th grade.”

1 Mention: (1) Parent Group Interview

##### More sports-based programming at ES

- “I would like them to be in sports so they can do activities.”
- “I don't know if they have music or sports. I would like you to have these activities for her. I wish they had basketball.”

2 Mentions: (2) Parents

##### Better PE programming at ES

- “Outside but not indoor. There could be more room for the kids. On really hot or cold days, you're limited to the things you can do indoors when it comes to PE. Play areas can be a little better than what they have. Not so many options.”

2 Mentions: (2) Parents

- **Who:**
- **What:**
- **Why:**

##### Unmet Needs Generation Draft:

N/A

##### Insights

- This unmet need was identified as missing by the committee on the November 30<sup>th</sup> meeting and reviewed by the committee PM prior to the December 12<sup>th</sup> meeting.
- The community feedback associated with this unmet need were moved from a different unmet need statement/theme

##### Finalized Unmet Needs Statement:

Elementary school / 6th grade students need earlier access/exposure to athletics programming and opportunities to develop athletic skills that prepares them for competition in middle and high school.

### Part 2 – Read | Expert Interviews

*This page contains contextual information related to district practices, operations, and constraints as it relates to the identified root cause. Some of this information may have been relayed verbally during committee meetings. This information was provided by AISD staff selected by the PMs for the knowledge provided by their roles.*

#### Lack of access to athletics at ES level impacts performance later on

- Athletics are governed by UIL starting at 7th grade, district does not have athletics jurisdiction before then.
- If kids don't play sports outside of school, they aren't getting instruction and experience before 7th grade (athletics not offered until then at AISD)
- "If we just had one more year that would make the difference."
- This means kids in MS and HS have to play catch-up while outlying districts are already working on strategy
- Due to surrounding competition for students, the low numbers in sports leads to sophomores playing varsity. These kids are not physically ready and are genuinely nervous/scared/unprepared leading to negative experiences and them dropping out.

#### In 6th grade, some schools offer club (outside of UIL) but expensive and based on parent ability to fund

**IDEA/SOLUTION:** Possibility for HS/College students to teach younger students in athletics

### Part 2 – Read | Committee Insights

*This page contains any feedback from committee members across all committees from the November 30th committee meeting discussion around unmet needs not yet expressed or identified that the committee members were aware of or wanted to share. These have been organized as they relate to the existing unmet needs or grouped into new ones.*

Lack of access to youth sports creates a barrier to participation in athletics at the high school level - same at Travis and Navarro.

- Kids don't have access to youth leagues to play baseball for example
- Offering variety of sports at the elementary level – looking at those things to make our kids more successful. The earlier kids can play, the more comfortable and better they will be in MS, HS.
- More robust outcomes/planning around elementary athletics – starting earlier! Not everyone has investment in good coaches, access to summer camps to address steep learning curve if they start late.

**Suggestion:** Improved rigor of elementary PE programs – tied into programs and facilities to address elementary school access to/experience in sports.

**Solution:** Potential to host ES schools for free for sports at MS and HS campuses to provide access/participation – can we hire college kids and train them as coaches?

## Part 2 – Read | Research and Data

*This page contains key findings from the additional data sources identified by committees during the October 26th committee meeting, as well as key findings from validated external resources and research from the AISD Department of Research and Evaluation.*

Starting athletics at a young age has both benefits in and out of the classroom

- Effective integration of sport into wellness interventions may be an effective method of mental health service engagement and retention in a large proportion of youth from low-income neighborhoods.<sup>1</sup>
- A multi-sports approach to elementary school PE seems to be a feasible intervention that can contribute to the development of children's physical and psychological prerequisites for lifetime physical activity (PA) adherence.<sup>2</sup>
- "If it is the intention of all personnel involved in healthy youth development to have a positive impact on lifelong PA adherence, then there should be concerted efforts to promote the development of the physical and psychological characteristics predicting participation in PE and later PA habits."<sup>2</sup>
- The results demonstrated that the multi-sports approach to PE induced more pronounced improvements in aerobic fitness and kinesthetic discrimination ability, as well as small but significant improvements in task orientation, ego orientation and social self-efficacy.<sup>2</sup>

### Sources

1. [A sport-specific optimization approach to mental wellness for youth in low-income neighborhoods](#)

2. [Benefits of multi-sports physical education in the elementary school context](#)

### Part 3 – Reflect | Guiding Questions

*This page contains guiding questions to brainstorm causes and reflect on connections between the work of different committees. The cross-committee connections highlighted on this page were identified by the PMs and/or committees prior to and during the December 14<sup>th</sup> committee meeting.*

#### Unmet Needs Statement

Elementary school / 6th grade students need earlier access/exposure to athletics programming and opportunities to develop athletic skills that prepares them for competition in middle and high school.

#### Cross-Committee Connections



#### Reflection Questions

What might be causing this unmet need to happen?

What causes might be connected to the work of other committees?