

# Byron Center Charter School MICIP Portfolio Report

## M-STEP Science Proficiency Rate Growth

*Status:* ACTIVE

*Summary:* The aggregate grade level and school composite student proficiency rates on M-STEP Science will increase to 50% or better by 2026-27 school year.

*Created Date:* 06/24/2021

*Target Completion Date:* 06/01/2027

### Strategies:

(1/4): Essential Instructional Practices Grades K-3

*Owner:* Mark Kasmer

*Start Date:* 08/02/2021

*Due Date:* 06/10/2022

*Summary:* Identifies a set of research-supported literacy instructional practices (10) that can be employed as a mode of professional development and aim to increase teacher effectiveness and in turn, student literacy. The 10 Practices are: 1) Deliberate, research-informed efforts to foster literacy motivation and engagement within and across lessons 2) Read alouds of age-appropriate books and other materials, print or digital 3) Small group and individual instruction, using a variety of grouping strategies, most often with flexible groups formed and instruction targeted to children’s observed and assessed needs in specific aspects of literacy development 4) Activities that build phonological awareness (grades K and 1 and as needed thereafter) 5) Explicit instruction in letter-sound relationships 6) Research- and standards-aligned writing instruction 7) Intentional and ambitious efforts to build vocabulary and content knowledge 8) Abundant reading material and reading opportunities in the classroom 9) Ongoing observation and assessment of children’s language and literacy development that informs their education 10) Collaboration with families in promoting literacy

*Buildings:* All Buildings

*Total Budget:* \$1,100.00

- Other Federal Funds (Federal Funds)
- Title I Part A (Federal Funds)

### *Communication:*

**Method**

- School Board Meeting
- Presentations

**Audience**

- Educators
- Staff
- School Board

### *Strategy Implementation Plan Activities*

Activity	Owner	Start Date	Due Date	Status
Provide Professional	Mark Kasmer	08/02/2021	06/10/2022	ONTARGET

Activity	Owner	Start Date	Due Date	Status
Training for K-2 Teachers to establish common awareness and operational understanding of the K-2 Essential Practices in Elementary Literacy.				
Provide lead teacher /facilitator time and resources to prepare for K-2 initial training of the Essential Practices in Elementary Literacy	Mark Kasmer	08/02/2021	06/10/2022	ONTARGET

(2/4): Essential Instructional Practices Grades 4-5

*Owner:* Mark Kasmer

*Start Date:* 08/02/2021

*Due Date:* 06/10/2022

**Summary:** "The purpose is to improve children’s literacy in Michigan. Professional development throughout the state can focus on this set (10) of research-supported literacy instructional practices for daily use in the classroom. The Essential Practices are: 1) Deliberate, research-informed efforts to foster motivation and engagement within and across lessons 2) Intentional, research-informed instruction using increasingly complex texts and tasks that build comprehension, knowledge, and strategic reading activity 3) Small group instruction, using a variety of grouping strategies, most often with flexible groups formed and instruction targeted to children’s observed and assessed needs in specific aspects of literacy development 4) Activities that build reading fluency and stamina with increasingly complex text 5) Discussion of the ideas in texts and how to construct text meaning across texts and disciplines 6) Research-informed and standards-aligned writing instruction 7) Intentional and ambitious efforts to build vocabulary, academic language, and content knowledge 8) Abundant and diverse reading material, including digital texts, and opportunities to read in the classroom 9) Ongoing observation of children’s language and literacy development that informs small group and individual instruction 10) Collaboration with families in promoting literacy "

**Buildings:** All Buildings

**Total Budget:** \$400.00

- Other Federal Funds (Federal Funds)

**Communication:**

- |  |   |
|--|---|
| <p><b>Method</b></p> <ul style="list-style-type: none"> <li>• School Board Meeting</li> <li>• Presentations</li> </ul> | <p><b>Audience</b></p> <ul style="list-style-type: none"> <li>• Educators</li> <li>• Staff</li> <li>• School Board</li> </ul> |
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**Strategy Implementation Plan Activities**

Activity	Owner	Start Date	Due Date	Status
Provide Professional Training and resources for 3-5 teachers to establish common awareness and operational understanding of the Essential Practices in	Mark Kasmer	08/02/2021	06/10/2022	ONTARGET

Activity	Owner	Start Date	Due Date	Status
Elementary Literacy.				

**(3/4): Essential Practices for Disciplinary Literacy Instruction in Secondary Classrooms**

**Owner:** Mark Kasmer

**Start Date:** 08/03/2021

**Due Date:** 06/10/2022

**Summary:** A collaboration between researchers at the University of Michigan and the Disciplinary Literacy Task Force, a subcommittee of the MAISA GELN, the Essential Practices for Disciplinary Literacy Instruction in the Secondary Classroom identify research-supported instructional practices that have been shown to increase student achievement and/or engagement with academic literacies.

**Buildings:** All Buildings

**Total Budget:** \$2,300.00

- Other Federal Funds (Federal Funds)
- Title I Part A (Federal Funds)

**Communication:**

**Method**

- School Board Meeting
- Presentations

**Audience**

- Educators
- Staff
- School Board

**Strategy Implementation Plan Activities**

Activity	Owner	Start Date	Due Date	Status
Provide lead teachers / facilitators time and resources to prepare for 6-12 initial training of the Essential Practices for Disciplinary Literacy in the Secondary Classrooms	Mark Kasmer	08/03/2021	06/10/2022	ONTARGET
Provide Professional Training for 6-12 teachers to establish common awareness and operational understanding of	Mark Kasmer	08/03/2021	06/10/2022	ONTARGET

Activity	Owner	Start Date	Due Date	Status
the 6-12 Essential Practices for Disciplinary Literacy in the Secondary Classroom .				

**(4/4): NGSX**

*Owner:* Mark Kasmer

*Start Date:* 08/02/2021

*Due Date:* 06/10/2022

*Summary:* Science professional development re-imagined for the next generation of science educators.

NGSX is designed as a professional learning system with the vision and capacity to support the multiple roles involved in implementing science education– teachers, principals, curriculum supervisors, instructional coaches, EL specialists who support science learning, preservice faculty and state science supervisors. Each role is critical to supporting teachers and students to make the shifts in teaching and learning advanced in NGSS and the Framework for K-12 Science Education.

*Buildings:* All Buildings

*Total Budget:* \$27,500.00

- Other Federal Funds (Federal Funds)
- Title I Part A (Federal Funds)

*Communication:*

Method

- School Board Meeting
- Presentations
- Parent Newsletter

Audience

- Staff
- School Board
- Parents

*Strategy Implementation Plan Activities*

Activity	Owner	Start Date	Due Date	Status
Purchase students and teacher texts/ manuals, digital tools and resources and necessary supplies and materials to implement new science curricula at grade spans k-2, 3-5, 6-8 and 9-12.	Mark Kasmer	08/02/2021	06/10/2022	ONTARGET

Activity	Owner	Start Date	Due Date	Status
Provide grade span Professional Training (K-2, 3-5, 6-8, and 9-12) regarding the materials, resources and tools for initial implementation of the new science curricula	Mark Kasmer	08/02/2021	06/10/2022	ONTARGET