

## MATH AND SCIENCE ACADEMY

*Adopted: May 21, 2024*

### 621 LITERACY AND THE READ ACT

**[Note: By the 2026-2027 school year, the charter school must provide evidence-based reading instruction through a focus on student mastery of the foundational reading skills of phonemic awareness, phonics, and fluency, as well as the development of oral language, vocabulary, and reading comprehension skills. Students must receive evidence-based instruction that is proven to effectively teach children to read, consistent with Minnesota Statutes, sections 120B.1117 to 120B.124.]**

#### I. PURPOSE

This policy aligns with Minnesota law established in the Read Act and on other topics related to reading.

#### II. GENERAL STATEMENT OF POLICY

Math and Science Academy recognizes the centrality of reading in a student's educational experience.

#### III. DEFINITIONS

- A. "Evidence-based" means the instruction or item described is based on reliable, trustworthy, and valid evidence and has demonstrated a record of success in increasing students' reading competency in the areas of phonological and phonemic awareness, phonics, vocabulary development, reading fluency, and reading comprehension. Evidence-based literacy instruction is explicit, systematic, and includes phonological and phonemic awareness, phonics and decoding, spelling, fluency, vocabulary, oral language, and comprehension that can be differentiated to meet the needs of individual students. Evidence-based instruction does not include the three-cueing system, as defined in subdivision 16.
- B. "Fluency" means the ability of students to read text accurately, automatically, and with proper expression.
- C. "Foundational reading skills" includes phonological and phonemic awareness, phonics and decoding, and fluency. Foundational reading skills appropriate to each grade level must be mastered in kindergarten, grade 1, grade 2, and grade 3. Struggling readers in grades 4 and above who do not demonstrate mastery of grade-level foundational reading skills must continue to receive explicit, systematic instruction to reach mastery.
- D. "Literacy specialist" means a person licensed by the Professional Educator

Licensing and Standards Board as a teacher of reading, a special education teacher, or a kindergarten through grade 6 teacher, who has completed professional development approved by the Minnesota Department of Education (MDE) in structured literacy. A literacy specialist employed by the department under Minnesota Statutes, section 120B.123, subdivision 7, or by a charter school as a literacy lead, is not required to complete the approved training before August 30, 2025.

- E. "Literacy lead" means a literacy specialist with expertise in working with educators as adult learners. A charter school literacy lead must support the charter school's implementation of the Read Act; provide support to school-based coaches; support the implementation of structured literacy, interventions, curriculum delivery, and teacher training; assist with the development of personal learning plans; and train paraprofessionals and other support staff to support classroom literacy instruction. A literacy lead may be employed by one charter school, jointly by two or more charter schools, or may provide services to charter schools through a partnership with the regional service cooperatives or another charter school.
- F. "Multitiered system of support" or "MTSS" means a systemic, continuous improvement framework for ensuring positive social, emotional, behavioral, developmental, and academic outcomes for every student. The MTSS framework provides access to layered tiers of culturally and linguistically responsive, evidence-based practices and relies on the understanding and belief that every student can learn and thrive. Through a MTSS at the core (Tier 1), supplemental (Tier 2), and intensive (Tier 3) levels, educators provide high quality, evidence-based instruction and intervention that is matched to a student's needs; progress is monitored to inform instruction and set goals and data is used for educational decision making.
- G. "Oral language," also called "spoken language," includes speaking and listening, and consists of five components: phonology, morphology, syntax, semantics, and pragmatics.
- H. "Phonemic awareness" means the ability to notice, think about, and manipulate individual sounds in spoken syllables and words.
- I. "Phonics instruction" means the explicit, systematic, and direct instruction of the relationships between letters and the sounds they represent and the application of this knowledge in reading and spelling.
- J. "Progress monitoring" means using data collected to inform whether interventions are working. Progress monitoring involves ongoing monitoring of progress that quantifies rates of improvement and informs instructional practice and the development of individualized programs using state-approved screening that is reliable and valid for the intended purpose.

- K. "Reading comprehension" means a function of word recognition skills and language comprehension skills. It is an active process that requires intentional thinking during which meaning is constructed through interactions between the text and reader. Comprehension skills are taught explicitly by demonstrating, explaining, modeling, and implementing specific cognitive strategies to help beginning readers derive meaning through intentional, problem-solving thinking processes.
- L. "Structured literacy" means an approach to reading instruction in which teachers carefully structure important literacy skills, concepts, and the sequence of instruction to facilitate children's literacy learning and progress. Structured literacy is characterized by the provision of systematic, explicit, sequential, and diagnostic instruction in phonemic awareness, phonics, fluency, vocabulary and oral language development, and reading comprehension.
- M. "Three-cueing system," also known as "meaning structure visual (MSV)," means a method that teaches students to use meaning, structure and syntax, and visual cues when attempting to read an unknown word.
- N. "Vocabulary development" means the process of acquiring new words. A robust vocabulary improves all areas of communication, including listening, speaking, reading, and writing. Vocabulary growth is directly related to school achievement and is a strong predictor for reading success.

#### **IV. READING SCREENER; PARENT NOTIFICATION AND INVOLVEMENT**

- A. Math and Science Academy must administer an approved evidence-based reading screener to students in kindergarten through grade 3 within the first six weeks of the school year, and again within the last six weeks of the school year. The screener must be one of the screening tools approved by the Minnesota Department of Education (MDE).
- B. Math and Science Academy must identify any screener it uses in Math and Science Academy's annual literacy plan, and submit screening data with the annual literacy plan by June 15.
- C. Schools, at least biannually after administering each screener, must give the parent of each student who is not reading at or above grade level timely information about:
  - 1. the student's reading proficiency as measured by a screener approved by MDE;
  - 2. reading-related services currently being provided to the student and the student's progress; and

3. strategies for parents to use at home in helping their student succeed in becoming grade-level proficient in reading in English and in their native language.
- D. Math and Science Academy may not use this section to deny a student's right to a special education evaluation.

## **V. IDENTIFICATION AND REPORT**

- A. Students enrolled in kindergarten, grade 1, grade 2, and grade 3, including multilingual learners and students receiving special education services, must be universally screened for mastery of foundational reading skills, including phonemic awareness, phonics, decoding, fluency, oral language, and for characteristics of dyslexia as measured by a screening tool approved by MDE. The screening for characteristics of dyslexia may be integrated with universal screening for mastery of foundational skills and oral language.
- B. Math and Science Academy must submit data on student performance in kindergarten, grade 1, grade 2, and grade 3 on foundational reading skills, including phonemic awareness, phonics, decoding, fluency, and oral language to MDE in the annual local literacy plan submission due on June 15.
- C. Students in grades 4 and above, including multilingual learners and students receiving special education services, who do not demonstrate mastery of foundational reading skills, including phonemic awareness, phonics, decoding, fluency, and oral language, must be screened using a screening tool approved by MDE for characteristics of dyslexia and must continue to receive evidence-based instruction, interventions, and progress monitoring until the students achieve grade-level proficiency. A parent, in consultation with a teacher, may opt a student out of the literacy screener if the parent and teacher decide that continuing to screen would not be beneficial to the student. In such limited cases, the student must continue to receive progress monitoring and literacy interventions.
- D. Reading screeners in English, and in the predominant languages of Math and Science Academy students where practicable, must identify and evaluate students' areas of academic need related to literacy. Math and Science Academy also must monitor the progress and provide reading instruction appropriate to the specific needs of multilingual learners. Math and Science Academy must use an approved, developmentally appropriate, and culturally responsive screener and annually report summary screener results to the MDE Commissioner by June 15 in the form and manner determined by the MDE Commissioner.
- E. Math and Science Academy must include in its literacy plan a summary of Math and Science Academy's efforts to screen, identify, and provide interventions to students who demonstrate characteristics of dyslexia as measured by a

screening tool approved by MDE. With respect to students screened or identified under paragraph (a), the report must include:

1. a summary of Math and Science Academy's efforts to screen for dyslexia;
2. the number of students universally screened for that reporting year;
3. the number of students demonstrating characteristics of dyslexia for that year; and
4. an explanation of how students identified under this subdivision are provided with alternate instruction and interventions under Minnesota Statutes, section 125A.56, subdivision 1.

## **VI. INTERVENTION**

- A. For each student identified under the screening identification process, Math and Science Academy shall provide reading intervention to accelerate student growth and reach the goal of reading at or above grade level by the end of the current grade and school year.
- B. Math and Science Academy must implement progress monitoring, as defined in Minnesota Statutes, section 120B.1118, for a student not reading at grade level.
- C. Math and Science Academy must use evidence-based curriculum and intervention materials at each grade level that are designed to ensure student mastery of phonemic awareness, phonics, vocabulary development, reading fluency, and reading comprehension. Starting July 1, 2023, if Math and Science Academy purchases a new literacy curriculum, or literacy intervention or supplementary materials, the curriculum or materials must be evidence-based as defined in Minnesota Statutes, section 120B.1118.
- D. If a student does not read at or above grade level by the end of the current school year, Math and Science Academy must continue to provide reading intervention until the student reads at grade level. Math and Science Academy intervention methods shall encourage family engagement and, where possible, collaboration with appropriate school and community programs that specialize in evidence-based instructional practices and measure mastery of foundational reading skills, including phonemic awareness, phonics, decoding, fluency, and oral language.
- E. By the 2025-2026 school year, intervention programs must be taught by an intervention teacher or special education teacher who has successfully completed training in evidence-based reading instruction approved by MDE. Intervention may include but is not limited to requiring student attendance in summer school, intensified reading instruction that may require that the student be

removed from the regular classroom for part of the school day, extended-day programs, or programs that strengthen students' cultural connections.

- F. Math and Science Academy must determine the format of the personal learning plan in collaboration with the student's educators and other appropriate professionals. Math and Science Academy must develop the learning plan in consultation with the student's parent or guardian. The personal learning plan must include targeted instruction that is evidence-based and ongoing progress monitoring, and address knowledge gaps and skill deficiencies through strategies such as specific exercises and practices during and outside of the regular school day, group interventions, periodic assessments or screeners, and reasonable timelines. The personal learning plan may include grade retention, if it is in the student's best interest; a student may not be retained solely due to delays in literacy or not demonstrating grade-level proficiency. A school must maintain and regularly update and modify the personal learning plan until the student reads at grade level. This paragraph does not apply to a student under an individualized education program.

## **VII. LOCAL LITERACY PLAN**

- A. Math and Science Academy must adopt a local literacy plan to have every child reading at or above grade level every year beginning in kindergarten and to support multilingual learners and students receiving special education services in achieving their individualized reading goals. Math and Science Academy must update and submit the plan to the Commissioner of MDE by June 15 each year. The plan must be consistent with the Read Act, and include the following:
1. a process to assess students' foundational reading skills, oral language, and level of reading proficiency and the screeners used, by school site and grade level, under Minnesota Statutes, section 120B.123;
  2. a process to notify and involve parents;
  3. a description of how schools in Math and Science Academy will determine the targeted reading instruction that is evidence-based and includes an intervention strategy for a student and the process for intensifying or modifying the reading strategy in order to obtain measurable reading progress;
  4. evidence-based intervention methods for students who are not reading at or above grade level and progress monitoring to provide information on the effectiveness of the intervention;
  5. identification of staff development needs, including a plan to meet those needs;

6. the curricula used by school site and grade level;
  7. a statement of whether Math and Science Academy has adopted a MTSS framework;
  8. student data using the measures of foundational literacy skills and mastery identified by MDE for the following students:
    - a. students in kindergarten through grade 3;
    - b. students who demonstrate characteristics of dyslexia; and
    - c. students in grades 4 to 12 who are identified as not reading at grade level; and
  9. the number of teachers and other staff that have completed training approved by the department.
- B. Math and Science Academy must post its literacy plan on the official charter school website and submit it to the Commissioner of MDE using the template developed by the Commissioner beginning June 15, 2024.

## **VIII. STAFF TRAINING**

- A. Beginning July 1, 2024, a charter school must provide access to the training required under Minnesota Statutes, section 120B.123, subdivision 5, to:
1. intervention teachers working with students in kindergarten through grade 12;
  2. all classroom teachers of students in kindergarten through grade 3 and children in prekindergarten programs;
  3. special education teachers;
  4. curriculum directors;
  5. instructional support staff who provide reading instruction; and
  6. employees who select literacy instructional materials for a charter school.
- B. Math and Science Academy must provide training from a menu of approved evidence-based training programs to all reading intervention teachers, literacy specialists, and other teachers and staff identified in Minnesota Statutes, section 120B.12, subdivision 1, paragraph (b), by July 1, 2025; and by July 1, 2027, to other teachers in Math and Science Academy, prioritizing teachers who work with

students with disabilities, English learners, and students who qualify for the graduation incentives program under Minnesota Statutes, section 124D.68. The Commissioner of MDE may grant a charter school an extension to these deadlines.

- C. By August 30, 2025, Math and Science Academy must employ or contract with a literacy lead or be actively supporting a designated literacy specialist through the process of becoming a literacy lead. The Math and Science Academy school board may satisfy the requirements of this subdivision by contracting with another school board or cooperative unit under Minnesota Statutes, section 123A.24 for the services of a literacy lead by August 30, 2025. The charter school literacy lead must collaborate with Math and Science Academy administrators and staff to support Math and Science Academy's implementation of requirements under the Read Act.

## **IX. STAFF DEVELOPMENT**

- A. Math and Science Academy must provide training programs on evidence-based reading instruction to teachers and instructional staff in accordance with subdivision 1, paragraph (b). The training must include teaching in the areas of phonemic awareness, phonics, vocabulary development, reading fluency, reading comprehension, and culturally and linguistically responsive pedagogy.
- B. Math and Science Academy shall use the data under Article V. above to identify the staff development needs so that:
  - 1. elementary teachers are able to implement explicit, systematic, evidence-based instruction in the five reading areas of phonemic awareness, phonics, fluency, vocabulary, and comprehension with emphasis on mastery of foundational reading skills as defined in Minnesota Statutes, section 120B.1118 and other literacy-related areas including writing until the student achieves grade-level reading and writing proficiency;
  - 2. elementary teachers have sufficient training to provide students with evidence-based reading and oral language instruction that meets students' developmental, linguistic, and literacy needs using the intervention methods or programs selected by Math and Science Academy for the identified students;
  - 3. licensed teachers employed by Math and Science Academy have regular opportunities to improve reading and writing instruction;
  - 4. licensed teachers recognize students' diverse needs in cross-cultural settings and are able to serve the oral language and linguistic needs of students who are multilingual learners by maximizing strengths in their



native languages in order to cultivate students' English language development, including oral academic language development, and build academic literacy; and

5. licensed teachers are well trained in culturally responsive pedagogy that enables students to master content, develop skills to access content, and build relationships.

- C. Math and Science Academy must provide staff in early childhood programs sufficient training to provide children in early childhood programs with explicit, systematic instruction in phonological and phonemic awareness; oral language, including listening comprehension; vocabulary; and letter-sound correspondence.

## **X. LITERACY INCENTIVE AID USES**

Math and Science Academy must use its literacy incentive aid to support implementation of evidence-based reading instruction. The following are eligible uses of literacy incentive aid:

1. training for kindergarten through grade 3 teachers, early childhood educators, special education teachers, reading intervention teachers working with students in kindergarten through grade 12, curriculum directors, and instructional support staff that provide reading instruction, on using evidence-based screening and progress monitoring tools;
2. evidence-based training using a training program approved by MDE;
3. employing or contracting with a literacy lead, as defined in Minnesota Statutes, section 120B.1118;
4. materials, training, and ongoing coaching to ensure reading interventions under Minnesota Statutes, section 125A.56, subdivision 1, are evidence-based; and costs of substitute teachers to allow teachers to complete required training during the teachers' contract day.

**Legal References:** Minn. Stat. § 120B.1118 (Read Act Definitions)  
Minn. Stat. § 120B.12 (Read Act Goal and Interventions)  
Minn. Stat. § 120B.123 (Read Act Implementation)  
Minn. Stat. § 123A.24 (Withdrawing from a Cooperative Unit; Appealing Denial of Membership)  
Minn. Stat. § 124D.68 (Graduation Incentives Program)  
Minn. Stat. § 124D.98 (Literacy Incentive Aid)  
Minn. Stat. § 125A.56 (Alternate Instruction Required before Assessment Referral)

**Cross References:** None