GRADES K TO 3

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General Education Leadership Network

a MAISA Collaborative

Essential Instructional Practices in Early Literacy

This document was developed by the **Early Literacy Task Force**, a subcommittee of the Michigan Association of Intermediate School Administrators (MAISA) General Education Leadership Network (GELN), which represents Michigan's 56 Intermediate School Districts. For a full list of representatives, please see the back page.



This document is intended to be read in concert with Essential Instructional Practices in Literacy, Prekindergarten. There is important overlap and continuity in these two documents, and some children will benefit from instructional practices identified in the prekindergarten document beyond the prekindergarten year.

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Purpose

The purpose of this document is to increase Michigan's capacity to provide effective and equitable early literacy practices for every child every day. The document identifies research-supported instructional practices for kindergarten through third grade that should be a basis of professional learning, policy, and instruction throughout the state. Research indicates that each of these practices can have a positive impact on literacy development. The use of these practices in every classroom every day is expected to make a measurable positive difference in the state's literacy achievement. The practices should be viewed, as in practice guides in medicine, as presenting a minimum "standard of care" for Michigan's children. Other documents available at <u>literacyessentials.org</u> address other age groups, grade levels, and aspects of education systems, including coaching practices, school-level practices, and systems-level practices.

Core Commitments

The MAISA GELN Early Literacy Task Force is united in our belief that all children thrive when research deeply informs practice; education builds on every child's interests and individual, cultural, and linguistic assets; and educators hold high expectations for all children's development. Indeed, the *Essential Instructional Practices in Early Literacy* were built upon the premise that it is unacceptable for some Michigan children to experience research-supported instructional practices while others do not—especially in cases in which the quality of instruction is determined by children's socioeconomic, racial, linguistic, cultural, or other background characteristics. We are committed to an education system in which educators, families, communities, and children are respected and supported. We are also committed to working against all forms of bias that cause harm and lead to inequitable education, in literacy and across all subjects and domains.

Enabling Conditions

Use of the *Essential Instructional Practices in Early Literacy* should occur in a school day that is supportive and effective for children not only in literacy, but in all areas of development. There are many wide-ranging conditions that enable children to thrive in all school subjects and domains, including literacy. A few key examples of such conditions include:

- an asset orientation toward children and their families and communities
- positive relationships between and among teachers, children, and families
- opportunities for children to develop healthy identities
- culturally relevant¹, responsive², and sustaining³ pedagogical approaches throughout the day
- sufficient time for physical activity, meals, and play

For additional information about enabling conditions, see the <u>Essential School-Wide and Center-Wide Practices in Literacy</u> <u>and Mathematics, Prekindergarten and Elementary Grades</u>.

Robust Resources

This document offers instructional practices, not a curriculum or curricular resources. Districts and other educational organizations, in consultation with educators and other experts, should provide, at minimum, curriculum materials that address literacy development, science, social studies, and mathematics and that include abundant materials for young children to read (see Essential Eight). Educators, districts, and other educational organizations should use frameworks⁴ that can guide the selection of reading materials and the design of curricular units and lessons. These frameworks should attend to such factors as alignment to research; diversity, equity, and inclusion; and the goals of multiple stakeholders, including national and state organizations (e.g., standards documents), local educators, library media specialists, members of the local community, families, and children themselves. Materials should be coordinated and adapted as needed to reflect findings from research.

Essential Practices

The *Essential Instructional Practices in Early Literacy* should occur throughout the day, including in science and social studies, not exclusively in an isolated block identified as "English Language Arts" or "Literacy." At the same time, literacy instruction should not take the place of science, social studies, or other curricular areas, nor of addressing standards in all other areas. That approach is counterproductive because later academic achievement is predicted not only by literacy knowledge and skills but also by mathematics learning, knowledge of the natural and social world, and certain aspects of physical, social, and emotional development.

It is also important to understand that this is not an exhaustive list of research-supported instructional practices, although practices not on this list should be carefully scrutinized with respect to alignment to research on literacy instruction. We should actively resist neglecting any of these research-supported practices. Every child in every classroom deserves teachers who implement each of these research-supported practices because they are important, interconnected, and necessary.

All practices listed below are for regular classroom instruction (i.e., Tier 1) and are appropriate for children of all linguistic backgrounds who are learning an alphabetic language. Within all practices, opportunities should be provided for translanguaging, that is, for children to draw on their full linguistic repertoire, including both nonverbal and verbal means of communication and all dialects and languages they are learning.

1. Deliberate, research-informed efforts to foster literacy motivation and engagement within and across lessons ⁵

The teacher:

- creates opportunities for children to see themselves as successful readers and writers by providing appropriately challenging tasks, defining success criteria, scaffolding, providing explicit feedback, incorporating diverse texts and authors that allow children to see that people who are like them in various ways can be successful authors, and other practices
- provides daily opportunities for children to make choices in their reading and writing (choices may be a limited set of options or from extensive options but within a specified topic or genre)
- offers regular opportunities for children to collaborate with peers in reading, writing, speaking, and listening, such as through pair and small-group discussions of texts of interest and opportunities to write within group projects

- helps establish purposes for children to read, write, and discuss in and out of school, beyond being assigned or expected to do so, such as for their enjoyment/interest, to answer their questions about the natural and social world, to address community needs, to communicate with a specific audience, and to draw on and affirm their identities
- uses additional strategies to generate excitement about reading and writing, such as book talks, updates about book series, and child-centered activities, including incorporating children's interests, involving children in classroom management decision-making processes, and engaging them in creating a positive learning environment. The teacher avoids attempting to incentivize reading through nonreading-related prizes, such as stickers, coupons, or toys, and avoids using reading and writing as "punishment" (e.g., "If you can't listen, I'm going to send you to sit and read")

2. Read-alouds of age-appropriate books and other materials, print or digital, including culturally relevant texts ⁶

Read-alouds involve:

- sets of texts across read-aloud sessions that are thematically and conceptually related and that offer opportunities to learn that children could not yet experience independently
- modeling of appropriate fluency (accuracy, automaticity, and prosody) in reading
- child-friendly explanations of words, concepts, and information within the text; revisiting words after reading and using tools such as movement, props, videos, photos, examples, and nonexamples; and engaging children in saying the words aloud and using the words at other points in the day and over time
- interactivity, including higher-order discussion among children and between children and teachers before, during, and after reading
- instruction depending on the grade level and children's needs that:
 - develops **print concepts**, such as developing children's directionality by running a finger under

the words and asking where to start, with texts being sufficiently visible to children so they can see specific features of print

- models application of knowledge and strategies for word recognition (see Essential Three)
- builds **knowledge of the structure and features of text**, including, with regard to structure, key story elements and common informational text structures (compare-contrast, cause-effect, problem-solution, description, and sequence), and with regard to text features, tables of contents, diagrams, captions, and indexes
- describes and models **comprehension strategies**, including activating prior knowledge/predicting, questioning, visualizing, monitoring and fix-up, drawing inferences, and summarizing/retelling
- describes and models strategies for ascertaining the meaning of unfamiliar **vocabulary**

3. Small group and individual instruction, using a variety of grouping strategies, most often with flexible groups formed and instruction targeted to (i.e., differentiated by) children's observed and assessed needs in specific aspects of literacy, including both writing and reading development (and therefore not by perceived general "ability" or "level")⁷

The teacher:

- ensures that children frequently experience smallgroup instruction and use most of their time in small groups to actually read and write (or work toward this goal in kindergarten and early first grade)
- coaches children as they engage in reading and writing—for example, with reading prompts focusing primarily on identifying words based on letters and groups of letters in words, monitoring for meaning, and rereading and with writing prompts focused on genre, ideation, organization/structure, and mechanics
- employs practices for developing reading **fluency**, such as repeated reading; echo reading; paired, partner, or dyad reading; and continuous or wide reading (many of these practices can also be used with the whole group)

- includes explicit instruction, as needed, in **word recognition strategies**, including multisyllabic word decoding, **text structure**, **comprehension strategies**, oral language, vocabulary, writing goalsetting, and **writing strategies**
- is deliberate in providing quality instruction to children in all groups, with meaning-making the ultimate goal of each group's work

While the teacher is with children in small groups, examples of research-supported activities in which children could engage include writing (e.g., in response to reading, in alignment with content-area instruction), repeated reading, dyad reading, brief handwriting practice, research-proven computer-adaptive literacy programs, listening to and reading along with recorded books.

4. Activities that build phonological awareness (grades K and 1) ^{8,9}

Teachers promote phonological awareness development, particularly phonemic awareness development. Although phonological awareness as a construct does not involve letters, phonological awareness instruction is best provided primarily in connection to letters. It entails explicit instruction¹⁰, demonstration, play with sounds in words, and engaged study of words, such as by:

- listening to and creating variations on books and songs with rhyming or alliteration
- sorting pictures, objects, and written words by a sound or sounds (e.g., words with a short-"e" sound versus words with a long-"e" sound)
- doing activities that involve segmenting sounds in words (e.g., Elkonin boxes, in which children move tokens or letters into boxes, with one box for each sound in the word), which supports orthographic mapping and spelling unfamiliar words
- doing activities that involve blending sounds in words (e.g., "robot talk" in which the teacher says "/f/ /ĭ/ /sh/" [i.e., the sounds "fffff" "iiiii" "shhhh"] and children say "fish"), which supports decoding
- creating daily opportunities to write meaningful texts in which children listen for the sounds in words to estimate their spellings

5. Explicit instruction ¹¹ in letter-sound and sound-letter relationships ¹²

Earlier in children's development, such instruction will focus on letter names, the sound(s) associated with the letters, how letters are shaped and formed, and decoding and spelling simple words (e.g., consonant-vowel-consonant [CVC] words with short vowels).

Later in children's development, the focus will be on more complex letter-sound relationships, including digraphs (two letters representing one sound, as in "sh," "th," "ch," "oa," "ee," and "ie"), blends or consonant clusters (two or three letters representing each of their sounds pronounced in immediate succession within a syllable, as in "bl" in "blue," "str" in "string," or "ft" as in "left"), diphthongs (two letters representing a single glided phoneme as in "oi" in "oil" and "ou" in "out"), common and less common spelling patterns (e.g., "-ake" in "cake" or "rake," "-all," "-ould"), and patterns in multisyllabic words, all as reflected in each child's oral language.

Instruction fosters flexibility in children, given that, in English, there are often multiple ways to spell a given sound and multiple sounds that a given spelling can represent.

High-frequency words are taught with full

analysis of letter-sound relationships within the words (i.e., not by sight/memory), even in those that are not spelled as would be expected and/or that reflect relationships not yet learned.

Instruction in letter-sound relationships is:

- verbally precise and involves multiple channels, including opportunities to say, read, and write/spell words
- informed by careful observations of children's reading and writing and, as needed, assessments that systematically examine knowledge of specific sound-letter relationships
- taught systematically in relation to students' needs and aligned with the expectations of the Michigan K-3 Standards for English Language Arts
- accompanied by opportunities to apply the knowledge of the letter-sound relationships taught by reading books or other connected texts that include those relationships (i.e., texts in which most of the words are decodable based on what children have learned up to that point in the scope and sequence in addition to being written with attention to other factors, such as engagingness and the extent to which the reader is likely to be able to create a mental image associated with the meaning of the word [imageability])
- reinforced by coaching children during reading, most notably by prompting children to attend to the letters in words, recognize letter-sound relationships they have been taught, and monitor for meaning (not to identify words but to monitor/cross-check whether the word that has been decoded makes sense)

6. Research- and standards-aligned writing instruction on a daily basis and across content areas in the school day ¹³

The teacher provides opportunities for children to write a variety of texts for a variety of purposes and audiences. To support children in doing so, the teacher provides:

- interactive writing experiences in grades K and 1, in which the teacher leads the writing and addresses children's developmental strengths and needs through explicit teaching, modeling, and involving children in writing in order to jointly compose a text
- instruction that fosters children's motivation and engagement with writing in alignment with Essential One
- instruction in writing processes and strategies—that is, teaching children a set of steps they can engage in independently to research, plan, revise, and edit writing, using a gradual release of responsibility
- opportunities to study models of writing, particularly opinion, informative/explanatory, and narrative texts (real and imagined), including texts by diverse authors (see Essential 8)
- explicit instruction in letter formation, with frequent, brief practice in writing specific letters, handwriting fluency (moving toward automaticity with authentic writing while maintaining legibility), spelling strategies (e.g., listening for sounds in words, syllable breaking, morphemic analysis), capitalization, punctuation, sentence construction (e.g., sentence combining), keyboarding (first expected by the end of grade 3¹³), and word processing

7. Intentional and ambitious efforts to build vocabulary and knowledge, including content and other cultural knowledge, throughout the day ¹⁴

The teacher:

- selects vocabulary words to teach from read-alouds of literature and informational texts and from content-area curricula
- introduces word meanings to children during reading and content-area instruction using child-friendly explanations and providing opportunities for children to pronounce the new words and see the spelling of the new words
- provides many opportunities for children to review and use new vocabulary over time, including discussing ways that new vocabulary words relate to one another and to children's existing knowledge, addressing multiple meanings or nuanced meanings of a word across different contexts, and encouraging children to use new words in meaningful contexts (e.g., discussion of texts, discussion of content-area learning, semantic maps, writing)
- teaches, models, and provides practice with discussion processes and protocols and encourages a variety of ways for children to communicate with one another and the teacher (e.g., gestures, multiple languages, and all of their linguistic resources)
- teaches morphology (i.e., the meaning of word parts), including common word roots, cognates, prefixes, and suffixes

8. Abundant reading material in classroom and school libraries and reading opportunities in the classroom ¹⁵

The classroom includes:

- a wide range of books and other texts (print, audio, video, and digital), including information books, poetry, and storybooks that children are supported in physically accessing (rather than being hidden away) that portray groups of people in ways that are multidimensional, not monolithic, and that challenge stereotypes
- books and other materials connected to children's interests, including texts that reflect children's backgrounds and cultural experiences, texts that reflect the backgrounds and cultural experiences of others, and texts that incorporate both, including class- and child-made books
- teacher-supported access to books from the classroom, school, and/or public library that children can borrow to bring home and/or access digitally

- comfortable places in which to read books, frequently visited by the teacher(s) and adult volunteers recruited to the classroom in order to support and encourage children's engagement with texts
- opportunities for children to engage in the reading of materials of their choice every day, with supports that include:
 - a) instruction and coaching in how to select texts,
 - b) instruction and coaching in employing productive strategies during reading,
 - c) feedback on children's reading, and
 - d) post-reading response activities, including text discussion

9. Ongoing observation and other forms of assessment of children's language and literacy development that informs their education ¹⁶

The teacher:

- engages in observation and other forms of assessment that are not biased by race, socioeconomic status, or other factors and that are guided by
 - the teacher's understanding of language and literacy development (which must be continuously developed)
 - the Michigan K to 12 Standards for English Language Arts
- prioritizes observations during reading and writing, with a focus on observations informing the next steps in instruction (e.g., specific spelling patterns to reteach, specific genre features that don't appear to require further instruction)
- administers assessments of specific aspects of literacy development and of reading and writing as a source of information to identify children who may need additional instructional support and to build on the strengths of each child
- employs formative and diagnostic assessment tools for the purpose of identifying specific instructional strengths and needs (e.g., assessing knowledge of specific sound(s)-letter(s) relationships, assessing knowledge of specific vocabulary words taught, reading and writing strategies being used and not used) in order to inform next steps in classroom instruction

10. Collaboration with families, caregivers, and the community in promoting literacy ¹⁷

Families, caregivers, and the community engage in language and literacy interactions with children that can be drawn upon and extended in kindergarten through third grade. Educators should work together to incorporate family, caregivers, and community funds of knowledge, assets, and perspectives into the classroom. Classroom teachers should serve as connectors between schools and families by:

- inviting families, caregivers, and community members:
 - to read, present, and lead activities that share their personal and professional knowledge and engage children in literacy experiences in school
 - to work with teachers to develop ways to build upon and further incorporate literacy-promoting strategies into everyday activities, such as cooking, communicating with friends and family, and traveling in the bus or car
- collaborating with families and caregivers regarding ways to read aloud to children and engage children in discussions during reading and writing
- incorporating songs, oral storytelling, and other texts from children's homes and communities into classroom activities (e.g., from cultural institutions in the community, neighborhood businesses)
- · promoting children's out-of-school reading

- supporting families in fostering academic literacy learning at home and in after-school settings, including over the summer months (e.g., staffing after-school tutoring programs, providing materials for summer reading, providing structures for summer reading)
- encouraging families to speak with children in their home/most comfortable language, whether or not that language is English
- providing literacy-supporting resources, such as:
 - books and other materials from the classroom and digital libraries that children can use or keep that reflect Essential 8, bullet one
 - information about judicious, adult-supported use of educational television and applications that can, with guidance, support literacy development
 - announcements about local events
 - passes to local museums (for example, through <u>www.michiganactivitypass.info</u>)

See also Essentials Eight, Nine, and Ten of the <u>Essential School-Wide and Center-Wide Practices in Literacy and Mathematics</u>, <u>Prekindergarten and Elementary Grades</u>.

- 1 Term from Ladson-Billings, G. (1992). Culturally relevant teaching: The key to making multicultural education work. In C. A. Grant (Ed.), *Research in multicultural education: From the margins to the mainstream* (pp. 106-121). Routledge.
- 2 Term from Gay, G. (2000). *Culturally responsive teaching: Theory, research, and practice.* Teachers College Press.
- 3 Term from Paris, D. (2012). <u>Culturally sustaining pedagogy: A needed change</u> in stance, terminology, and practice. *Educational Researcher*, *41*(3), 93-97.
- 4 For example, Foorman, B. R., Kosanovich, M. L., & Smith, K. G. (2017). *Rubric for evaluating reading/language arts instructional materials for kindergarten to grade 5* (REL 2017-219). Washington, DC: U.S. Department of Education, Institute of Education Sciences, National Center for Education Evaluation and Regional Assistance, Regional Education Laboratory Southeast; Muhammad, G. (2020). *Cultivating genius: An equity framework for culturally and historically responsive literacy*. Scholastic Teaching Resources.
- 5 For example, Shanahan, T., Callison, K., Carriere, C., Duke, N. K., Pearson, P. D., Schatschneider, C., & Torgesen, J. (2010). Improving reading comprehension in kindergarten through 3rd grade: A practice guide (NCEE 2010-4038). Washington, DC: National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences, U.S. Department of Education; Guthrie, J. T., McRae, A., & Klauda, S. L. (2007). Contributions of Concept-Oriented Reading Instruction to knowledge about interventions for motivations in reading. Educational Psychologist, 42(4), 237-250; Marinak, B. A., & Gambrell, L. B. (2008). Intrinsic motivation and rewards: What sustains young children's engagement with text? Literacy Research and Instruction, 47(1), 9-26; Bell, Y. R., & Clark, T. R. (1998). Culturally relevant reading material as related to comprehension and recall in African American children. Journal of Black Psychology, 24(4), 455-475; Kikas, E., Pakarinen, E., Soodla, P., Peets, K., & Lerkkanen, M.-J. (2018). Associations between reading skills, interest in reading, and teaching practices in first grade. Scandinavian Journal of Educational Research, 62(6), 832-849; Cavanaugh, D. M., Clemence, K. J., Teale, M. M., Rule, A. C., & Montgomery, S. E. (2017). Kindergarten scores, storytelling, executive function, and motivation improved through literacy-rich guided play. Early Childhood Education Journal, 45(6), 831-843; Unrau, N. J., Rueda, R., Son, E., Polanin, J. R., Lundeen, R. J., & Muraszewski, A. K. (2018). Can reading self-efficacy be modified? A meta-analysis of the impact of interventions on reading self-efficacy. Review of Educational Research, 88(2), 167-204.
- 6 For example, Swanson, E., Wanzek, J., Petscher, Y., Vaughn, S., Heckert, J., Cavanaugh, C., Kraft, G., & Tackett, K. (2011). A synthesis of read-aloud interventions on early reading outcomes among preschool through third graders at risk for reading difficulties. Journal of Learning Disabilities, 44(3), 258-275; Baker, S. K., Santoro, L. E., Chard, D. J., Fien, H., Park, Y., & Otterstedt, J. (2013). An evaluation of an explicit read aloud intervention taught in whole-classroom formats in first grade. The Elementary School Journal, 113(3), 331-358; Silverman, R. (2007). A comparison of three methods of vocabulary instruction during read-alouds in kindergarten. The Elementary School Journal, 108(2), 97-113; Greene Brabham, E., & Lynch-Brown, C. (2002). Effects of teachers' reading-aloud styles on vocabulary acquisition and comprehension of students in the early elementary grades. Journal of Educational Psychology, 94(3), 465-473; Biemiller, A., & Boote, C. (2006). An effective method for building meaning vocabulary in primary grades. Journal of Educational Psychology, 98(1), 44-62; Murphy, P. K., Wilkinson, I. A. G., Soter, A. O., Hennessey, M. N., & Alexander, J. F. (2009). Examining the effects of classroom discussion on students' comprehension of text: A meta-analysis. Journal of Educational Psychology, 101(3), 740-764; Fitton, L., McIlraith, A. L., & Wood, C. L. (2018). Shared book reading interventions with English learners: A meta-analysis. Review of Educational Research, 88(5), 712-751; Wright, T. S., Cervetti, G. N., Wise, C., & McClung, N. A. (2022). The impact of knowledge-building through conceptually-coherent read alouds on vocabulary and comprehension. Reading Psychology, 43(1), 70-84.
- 7 For example, Gersten, R., Baker, S. K., Shanahan, T., Linan-Thompson, S., Collins, P., & Scarcella, R. (2007). *Effective literacy and English language instruction for English learners in the elementary grades: A practice guide* (NCEE 2007-4011). Washington, DC: National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences, U.S.

Department of Education; Connor, C. M., Morrison, F. J., Fishman, B., Giuliani, S., Luck, M., Underwood, P. S., Bayraktar, A., Crowe, E. C., & Schatschneider, C. (2011). Testing the impact of child characteristics × instruction interactions on third graders' reading comprehension by differentiating literacy instruction. Reading Research Quarterly, 46(3), 189-221; Graham, S., Bollinger, A., Booth Olson, C., D'Aoust, C., MacArthur, C., McCutchen, D., & Olinghouse, N. (2012). Teaching elementary school students to be effective writers: A practice guide (NCEE 2012-4058). Washington, DC: National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences, U.S. Department of Education; Shanahan, T., Callison, K., Carriere, C., Duke, N. K., Pearson, P. D., Schatschneider, C., & Torgesen, J. (2010). Improving reading comprehension in kindergarten through 3rd grade: A practice guide (NCEE 2010-4038). Washington, DC: National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences, U.S. Department of Education; Taylor, B. M., Pearson, P. D., Clark, K., & Walpole, S. (2000). Effective schools and accomplished teachers: Lessons about primary-grade reading instruction in low-income schools. The Elementary School Journal, 101(2), 121-165; Vellutino, F. R., Scanlon, D. M., Small, S., & Fanuele, D. P. (2006). Response to intervention as a vehicle for distinguishing between children with and without reading disabilities: Evidence for the role of kindergarten and first-grade interventions. Journal of Learning Disabilities, 39(2), 157-169; Kuhn, M. R., Schwanenflugel, P. J., Morris, R. D., Morrow, L. M., Woo, D. G., Meisinger, E. B., Sevcik, R. A., Bradley, B. A., & Stahl, S. A. (2006). Teaching children to become fluent and automatic readers. Journal of Literacy Research, 38(4), 357-387; Kuhn, M. R. (2005). A comparative study of small group fluency instruction. Reading Psychology, 26(2), 127-146; Puzio, K., Colby, G. T., & Algeo-Nichols, D. (2020). Differentiated literacy instruction: Boondoggle or best practice? Review of Educational Research, 90(4), 459-498; Zimmermann, L. M., Reed, D. K., & Aloe, A. M. (2021). A meta-analysis of non-repetitive reading fluency interventions for students with reading difficulties. Remedial and Special Education, 42(2), 78-93.

- 8 We are not aware of research on whole-class/Tier 1 phonological-awarenessfocused instruction after grade one.
- 9 For example, Brennan, F., & Ireson, J. (1997). Training phonological awareness: A study to evaluate the effects of program of metalinguistic games in kindergarten. Reading and Writing: An Interdisciplinary Journal, 9(4), 241-263; Bus, A. G., & van IJzendoorn, M. H. (1999). Phonological awareness and early reading: A meta-analysis of experimental training studies. Journal of Educational Psychology, 91(3), 403-414; Ehri, L. C., Nunes, S. R., Willows, D. M., Schuster, B. V., Yaghoub-Zadeh, Z., & Shanahan, T. (2001). Phonemic awareness instruction helps children learn to read: Evidence from the National Reading Panel's meta-analysis. Reading Research Quarterly, 36(3), 250-287; Suggate, S. P. (2014). A meta-analysis of the long-term effects of phonemic awareness, phonics, fluency, and reading comprehension interventions. Journal of Learning Disabilities, 49(1), 77-96; Ross, K. M., & Joseph, L. M. (2019). Effects of word boxes on improving students' basic literacy skills: A literature review. Preventing School Failure, 63(1), 43-51; Pulido, L., & Morin, M-F. (2018). Invented spelling: What is the best way to improve literacy skills in kindergarten? Educational Psychology, 38(8), 980-996.
- 10 Explicit instruction involves telling children what you want them to know rather than expecting that they will infer this information. For example, explicit explanation about phonological awareness might include (although not necessarily all at once) the following: "There are sounds inside words. Say, 'fun.' Now say it slowly: /ffuunn/. Inside the word *fun*, there are three sounds. The first sound is /f/, /ffffun/. The second sound is /uh/, /fuuun/. The third sound is /n/, /funnn/. /f/ /uh/ /n/ [hold up a finger to count each sound, demonstrate an arm segmentation procedure, or the like]. Three sounds in the word *fun*."
- 11 Explicit instruction involves telling children what you want them to know rather than expecting that they will infer this information. For example, explicit instruction about the letter "l" might include (although not necessarily all at once) the following: "This [pointing] is the letter called ell. *Ell* stands for the /Ill/ sound. Latoya's name starts with the /Ill/ sound: LLLatoya. Lion also starts with the /Ill/ sound: /Illlion/. You can make *ell* with a straight line down and a short line across, like this [demonstrating], or you can make *ell* with just a straight line down, like this [demonstrating]."

- 12 For example, Lonigan, C. J., Schatschneider, C., & Westberg, L., with the National Early Literacy Panel. (2008). Impact of code-focused interventions on young children's early literacy skills. In Developing Early Literacy: Report of the National Early Literacy Panel, 107-152.; Ehri, L. C., Nunes, S. R., Stahl, S. A., & Willows, D. M. (2001). Systematic phonics instruction helps students learn to read: Evidence from the National Reading Panel's meta-analysis. Review of Educational Research, 71(3), 393-447; Graham, S., & Hebert, M. (2011). Writing to read: A meta-analysis of the impact of writing and writing instruction on reading. Harvard Educational Review, 81(4), 710-744; Ehri, L. C. (2005). Learning to read words: Theory, findings, and issues. Scientific Studies of Reading, 9(2), 167-188; Cheatham, J. P., & Allor, J. H. (2012). The influence of decodability in early reading text on reading achievement: A review of the evidence. Reading and Writing: An Interdisciplinary Journal, 25(9), 2223-2246; Steacy, L. M., & Compton, D. L. (2019). Examining the role of imageability and regularity in word reading accuracy and learning efficiency among first and second graders at risk for reading disabilities. Journal of Experimental Child Psychology, 178, 226-250; Savage, R., Georgiou, G., Parrila, R., & Maiorino, K. (2018). Preventative reading interventions teaching direct mapping of graphemes in texts and set-for-variability aid at-risk learners. Scientific Studies of Reading, 22(3), 225-247.
- 13 For example, Craig, S. A. (2003). The effects of an adapted interactive writing intervention on kindergarten children's phonological awareness, spelling, and early reading development. Reading Research Quarterly, 38(4), 438-440; Roth, K., & Guinee, K. (2011). Ten minutes a day: The impact of interactive writing instruction on first graders' independent writing. Journal of Early Childhood Literacy, 11(3), 331-361; Graham, S., Bollinger, A., Booth Olson, C., D'Aoust, C., MacArthur, C., McCutchen, D., & Olinghouse, N. (2012). Teaching elementary school students to be effective writers: A practice guide (NCEE 2012-4058). Washington, DC: National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences, U.S. Department of Education; Graham, S., McKeown, D., Kiuhara, S., & Harris, K. R. (2012). A meta-analysis of writing instruction for students in the elementary grades. Journal of Educational Psychology, 104(4), 879-896; Graham, S., Kiuhara, S. A., & MacKay, M. (2020). The effects of writing on learning in science, social studies, and mathematics: A meta-analysis. Review of Educational Research, 90(2), 179-226; Graham, S., Liu, X., Aitken, A., Ng, C., Bartlett, B., Harris, K. R., & Holzapfel, J. (2018). Effectiveness of literacy programs balancing reading and writing instruction: A meta-analysis. Reading Research Quarterly, 53(3), 279-304.
- 14 For example, Elleman, A. M., Lindo, E. J., Morphy, P., & Compton, D. L. (2009). The impact of vocabulary instruction on passage-level comprehension of school-age children: A meta-analysis. Journal of Research on Educational Effectiveness, 2(1), 1-44; Goodson, B., Wolf, A., Bell, S., Turner, H., & Finney, P. B. (2010). *The effectiveness of a program to accelerate vocabulary* development in kindergarten (VOCAB) (NCEE 2010-4014). Washington, DC: National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences, U.S. Department of Education; Beck, I. L., & McKeown, M. G. (2007). Increasing young low-income children's oral vocabulary repertoires through rich and focused instruction. The Elementary School Journal, 107(3), 251-271; Goodwin, A. P., & Ahn, S. (2013). A meta-analysis of morphological interventions in English: Effects on literacy outcomes for school-age children. Scientific Studies of Reading, 17(4), 257-285; Vitale, M. R., & Romance, N. R. (2011). Adaptation of a knowledgebased instructional intervention to accelerate student learning in science and early literacy in grades 1 and 2. Journal of Curriculum and Instruction, 5(2), 79-93; Hwang, H., Cabell, S. Q., & Joyner, R. E. (2022). Effects of integrated literacy and content-area instruction on vocabulary and comprehension in the elementary years: A meta-analysis. Scientific Studies of Reading, 26(3), 223-249; National Academies of Sciences, Engineering, and Medicine. (2017). Promoting the educational success of children and youth learning English: Promising futures. Washington, DC: National Academies Press.

- 15 For example, Neuman, S. B. (1999). Books make a difference: A study of access to literacy. Reading Research Quarterly, 34(3), 286-311; McGill-Franzen, A., Allington, R. L., Yokoi, L., & Brooks, G. (1999). Putting books in the classroom seems necessary but not sufficient. The Journal of Educational Research, 93(2), 67-74; Foorman, B. R., Schatschneider, C., Eakin, M. N., Fletcher, J. M., Moats, L. C., & Francis, D. J. (2006). The impact of instructional practices in Grades 1 and 2 on reading and spelling achievement in high poverty schools. Contemporary Educational Psychology, 31(1), 1-29; Reutzel, D. R., Fawson, P. C., & Smith, J. A. (2008). Reconsidering silent sustained reading: An exploratory study of scaffolded silent reading. Journal of Educational Research, 102(1), 37-50; Kamil, M. (2008). How to get recreational reading to increase reading achievement. In Y. Kim, V. J. Risko, D. L. Compton, D. K. Dickinson, M. K. Hundley, R. T. Jiménez, & D. Well Rowe (Eds.), 57th Yearbook of the National Reading Conference (pp. 31-40). Oak Creek, WI: National Reading Conference; Zucker, T. A., Moody, A. K., & McKenna, M. C. (2009). The effects of electronic books on pre-kindergarten-to-grade 5 students' literacy and language outcomes: A research synthesis. Journal of Educational Computing Research, 40(1), 47-87; Erbeli, F., & Rice, M. (2022). Examining the effects of silent independent reading on reading outcomes: A narrative synthesis review from 2000 to 2020. Reading & Writing Quarterly, 38(3), 253-271.
- 16 For example, Morris, D., Blanton, L., Blanton, W. E., Nowacek, J., & Perney, J. (1995). Teaching low-achieving spellers at their "instructional level." Elementary School Journal, 96(2), 163-177; Witmer, S. E., Duke, N. K., Billman, A. K., & Betts, J. (2014). Using assessment to improve early elementary students' knowledge and skills for comprehending informational text. Journal of Applied School Psychology, 30(3), 223-253; Taylor, B. M., Pearson, P. D., Clark, K., & Walpole, S. (2000). Effective schools and accomplished teachers: Lessons about primary-grade reading instruction in low-income schools. The Elementary School Journal, 101(2), 121-165; Gardner-Neblett, N., De Marco, A., & Ebright, B. D. (2023). Do Katie and Connor tell better stories than Aaliyah and Jamaal? Teachers' perceptions of children's oral narratives as a function of race and narrative quality. Early Childhood Research Quarterly, 62(1), 115-128; Gatlin-Nash, B., Hwang, J. K., Tani, N. E., Zargar, E., Wood, T. S., Yang, D., Powell, K. B., & Connor, C. M. (2021). Using assessment to improve the accuracy of teachers' perceptions of students' academic competence. The Elementary School Journal, 121(4), 609-634; Graham, S., Hebert, M., & Harris, K. R. (2015). Formative assessment and writing: A meta-analysis. The Elementary School Journal, 115(4), 523-547.
- 17 For example, Sénéchal, M., & Young, L. (2008). The effect of family literacy interventions on children's acquisition of reading from kindergarten to grade 3: A meta-analytic review. Review of Educational Research, 78(4), 880–907; van Steensel, R., McElvany, N., Kurvers, J., & Herppich, S., (2011). How effective are family literacy programs? Results of a meta-analysis. Review of Educational Research, 81(1), 69-96; Jordan, G. E., Snow, C. E., & Porche, M. V. (2000). Project EASE: The effect of a family literacy project on kindergarten students' early literacy skills. Reading Research Quarterly, 35(4), 524-546; Kim, J. S., & Quinn, D. M. (2013). The effects of summer reading on low-income children's literacy achievement from kindergarten to grade 8: A meta-analysis of classroom and home interventions. Review of Educational Research, 83(3), 386-431; August, D., & Shanahan, T. (2006). Developing literacy in second-language learners: Report of the national literacy panel on language-minority children and youth. Routledge.; de Bondt, M., Willenberg, I. A., & Bus, A. G. (2020). Do book giveaway programs promote the home literacy environment and children's literacyrelated behavior and skills? Review of Educational Research, 90(3), 349-375; Leyva, D., Weiland, C., Shapiro, A., Yeomans-Maldonado, G., & Febles, A. (2022). A strengths-based, culturally responsive family intervention improves Latino kindergarteners' vocabulary and approaches to learning. Child Development, 93(2), 451-467.

Process for Development and Review

This document was developed in 2016 by the Early Literacy Task Force, a subcommittee of the Michigan Association of Intermediate School Administrators (MAISA) General Education Leadership Network (GELN), which represents Michigan's 56 Intermediate School Districts. Its update was published in 2023 (lead updating team, in alphabetical order: Emily Caylor, Nell K. Duke, Gwendolyn Thompson McMillon, Mary Patillo-Dunn, Amanda Wowra, and Tanya S. Wright). The Task Force included representatives from the following organizations, although their participation does not necessarily indicate endorsement by the organization they represent:

313 Reads Michigan Elementary and Middle School Principals Association Early Childhood Administrators' Network, Michigan Michigan's Integrated Behavior and Learning Support Initiative Association of Intermediate School Districts **Michigan Reading Association** English Language Arts Leadership Network of Michigan Michigan State University Association of Intermediate School Districts Michigan Virtual University General Education Leadership Network of Intermediate **Oakland University** School Districts in Michigan Michigan Association for Computer Users in Learning **Reading NOW Network** Michigan Association of Intermediate School Administrators **Regional Educational Media Centers Association of Michigan** Southwest Michigan Reading Council Michigan Association of Media Educators Technology Readiness Infrastructure Grant Michigan Association of Supervisors of Special Education University of Michigan Michigan Department of Education

Input and feedback on drafts of the original and updated document were elicited from other stakeholders, resulting in a number of revisions to the document.

Essential Instructional Practices in Early Literacy: Grades K to 3





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