

# Meeting Standards

Each lesson in Practice and Learn Kindergarten meets one or more of the following standards, which are used with permission from McREL (Copyright 2000, McREL, Mid-continent Research for Education and Learning. Telephone: 303-337-0990. Website: [www.mcrel.org](http://www.mcrel.org)).

Language Arts Standards	Page Number
<p><b>Uses the general skills and strategies of the writing process.</b></p> <ul style="list-style-type: none"> <li>• Uses writing and other methods (e.g., drawing pictures, using letters or phonetically spelled words, telling, dictating, making lists) to describe familiar persons, places, objects or experiences</li> </ul>	91–94
<p><b>Uses grammatical and mechanical conventions in written compositions</b></p> <ul style="list-style-type: none"> <li>• Uses conventions of printing in writing (e.g., forms letters in print, uses upper- and lowercase letters of the alphabet, spaces between words and sentences, writes left-to-right and top-to-bottom, includes margins)</li> <li>• Uses conventions of spelling in written compositions (e.g., spells high frequency, commonly misspelled words from appropriate grade-level list; spells phonetically regular words; uses letter-sound relationships; spells basic short vowel, long vowel, r-controlled, and consonant blend patterns; uses a dictionary and other resources to spell words; spells own first and last name)</li> </ul>	27–54, 87, 89–99, 110–120  61, 65, 66, 68, 76, 89–99, 101, 103–104
<p><b>Uses the general skills and strategies of the reading process</b></p> <ul style="list-style-type: none"> <li>• Understands how print is organized and read (e.g., identifies front and back covers, title page, author, and illustrator; follows words from left-to-right and from top-to-bottom; knows the significance of spaces between words; knows the difference between letters, words, and sentences; understands the use of capitalization and punctuation as text boundaries)</li> <li>• Uses basic elements of phonetic analysis (e.g., common letter/sound relationships, beginning and ending consonants, spelling patterns, contractions) to decode unknown words.</li> <li>• Uses basic elements of structural analysis to decode unknown words 102–109</li> <li>• Understands level-appropriate sight words and vocabulary (e.g., words for persons, places, things, actions; high frequency words such as said, was, and where)</li> </ul>	7–9, 12–15  10–11, 29–54, 61, 63, 65  15, 69–75, 77, 80–82,  95–101
<p><b>Uses listening and speaking strategies for different purposes</b></p> <ul style="list-style-type: none"> <li>• Discriminates among the sounds of spoken language</li> <li>• Knows rhyming sounds and simple rhymes (e.g., identifies rhymes and rhyming sounds)</li> <li>• Knows that words are made of sounds (e.g. that words can begin alike, sound alike)</li> </ul>	10, 16–20, 29–54, 55–68, 70, 72, 74, 76, 78–87  21–22  10, 14, 16–20, 29–54

# Meeting Standards *(cont.)*

Mathematics Standards	Page Number
<p><b>Understands and applies basic and advanced properties of the concepts of numbers</b></p> <ul style="list-style-type: none"> <li>Counts whole numbers (i.e., both cardinal and ordinal numbers)</li> <li>Understands basic whole number relationships (e.g., 4 is less than 10, 30 is 3 tens)</li> <li>Understands symbolic, concrete, and pictorial representations of numbers (e.g., written numerals, objects in sets, number lines)</li> </ul>	<p>110–130 131–137 110–130</p>
<p><b>Uses basic and advanced procedures while performing the process of computation</b></p> <ul style="list-style-type: none"> <li>Adds and subtracts whole numbers</li> <li>Solves real-world problems involving addition and subtraction of whole numbers</li> <li>Understands basic estimation strategies (e.g., using reference sets, using front-end digits) and terms (e.g., "about," "near," "closer to," "between," "a little less than")</li> </ul>	<p>141–153 141–156 185–186</p>
<p><b>Understands and applies basic and advanced properties of the concepts of measurement</b></p> <ul style="list-style-type: none"> <li>Understands the basic measures length, width, height, weight, and temperature</li> <li>Understands the concept of time and how it is measured</li> <li>Knows processes for telling time, counting money, and measuring length, weight, and temperature, using basic standard and non-standard units</li> <li>Understands and applies basic and advanced properties of the concepts of geometry</li> <li>Understands basic properties of (e.g., number of sides, corners, square corners) and similarities and differences between simple geometric shapes</li> <li>Understands the common language of spatial sense (e.g., "inside," "between," "above," "below," "behind")</li> </ul>	<p>180–185 170–179 154–156, 180–185 167–169 162–166 187–189</p>
<p><b>Understands and applies basic and advanced concepts of statistics and data analysis</b></p> <ul style="list-style-type: none"> <li>Understands that observations about objects or events can be organized and displayed in simple graphs</li> </ul>	<p>190–192</p>
<p><b>Understands and applies basic and advanced properties of functions and algebra</b></p> <ul style="list-style-type: none"> <li>Extends simple patterns (e.g., of numbers, physical objects, geometric shapes)</li> </ul>	<p>157–161</p>

# Meeting Standards *(cont.)*

Social Studies Standards	Page Number
<b>Understands and knows how to analyze chronological relationships and patterns</b> <ul style="list-style-type: none"> <li>Distinguishes among broad categories of historical time (e.g., long, long ago; long ago; yesterday; today; tomorrow)</li> </ul>	193–194
<b>Understands how democratic values came to be, and how they have been exemplified by people, events, and symbols</b> <ul style="list-style-type: none"> <li>Knows how different people in the community have taken responsibility for the common good (e.g. the police department, the fire department, senior citizen home, soup kitchen)</li> <li>Knows the history of American symbols</li> </ul>	195–196 201
<b>Understands family life now and in the past, and family life in various places long ago</b> <ul style="list-style-type: none"> <li>Knows the cultural similarities and differences in clothes, homes, food, communication, technology, and cultural traditions between families now and in the past</li> </ul>	200
<b>Understands the history of a local community and how communities in North America varied long ago</b> <ul style="list-style-type: none"> <li>Understands changes in community life over time (e.g. ...changes in goods and services...)</li> </ul>	193
<b>Understands the physical and human characteristics of place</b> <ul style="list-style-type: none"> <li>Knows natural features of the environment</li> <li>Knows common features found in the local environment</li> </ul>	202–204 205
<b>Understands the characteristics and uses of maps, globes, and other geographic tools and technology</b> <ul style="list-style-type: none"> <li>Understands that maps can represent his or her surroundings</li> </ul>	206
Science Standards	Page Number
<b>Understands atmospheric processes and the water cycle</b> <ul style="list-style-type: none"> <li>Knows vocabulary (e.g., rainy, windy, sunny) for different types of weather</li> <li>Knows how the environment changes over seasons</li> </ul>	208–209 207
<b>Understands the principles of heredity and related concepts</b> <ul style="list-style-type: none"> <li>Knows that plants and animals closely resemble their parents</li> <li>Knows that differences exist among individuals of the same kind of plant or animal</li> </ul>	218 219
<b>Understands the structure and function of cells and organisms</b> <ul style="list-style-type: none"> <li>Knows that living things and nonliving objects are different</li> <li>Knows that living things go through a process of growth and change</li> <li>Knows that plants and animals have features that help them live in different environments</li> </ul>	213 214 216–217
<b>Understands relationships among organisms and their physical environment</b> <ul style="list-style-type: none"> <li>Knows that plants and animals need certain resources for energy and growth (e.g., food, water, light, air)</li> </ul>	215
<b>Understands forces and motion</b> <ul style="list-style-type: none"> <li>Knows that magnets can be used to make some things move without being touched</li> </ul>	210

# Table of Contents

<b>Introduction</b> . . . . .	3
<b>Meeting Standards</b> . . . . .	4
<b>Language Arts</b>	
Concepts of Print . . . . .	7
Phonemic Awareness . . . . .	16
Letters and Sounds . . . . .	23
Vowels . . . . .	68
Word Families . . . . .	87
Writing . . . . .	91
Sight Words . . . . .	95
Reading . . . . .	102
<b>Math</b>	
Numbers and Counting . . . . .	110
Number Sense . . . . .	130
Adding and Subtracting . . . . .	141
Money . . . . .	154
Patterns . . . . .	157
Geometry . . . . .	162
Time . . . . .	170
Measurement . . . . .	180
Comparisons . . . . .	185
Location . . . . .	189
Graphing . . . . .	190
<b>Social Studies</b>	
History . . . . .	193
The Community . . . . .	195
Our Country . . . . .	201
Geography . . . . .	202
<b>Science</b>	
Earth Science . . . . .	207
Physical Science . . . . .	210
Life Science . . . . .	213
<b>Basic Skills</b>	
Same/Different . . . . .	220
Matching . . . . .	221
Visual Discrimination . . . . .	223
Opposites . . . . .	225
Categories . . . . .	226
Sequencing . . . . .	228
<b>Answer Key</b> . . . . .	231

# Change a Letter

**Directions:** Say the name for each picture. Write the letter for its beginning sound. Read each pair of words. Do they rhyme?

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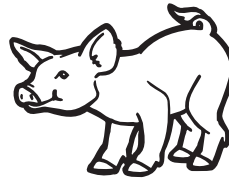


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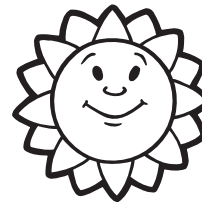


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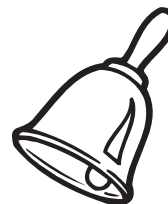
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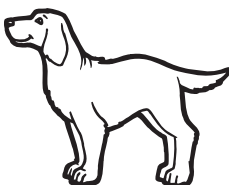


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# Number Lines

**Directions:** Fill in the missing numbers on the number lines.

