



## ▶ STATE STANDARDS CORRELATION

- ▶ **State:** New Mexico
- ▶ **Grade Levels:** Grades K-8
- ▶ **Content Areas:** Language Arts, Science, and Mathematics

For a comprehensive list of content standards, benchmarks, and performance standards, please visit <http://www.ped.state.nm.us/nmStandards.html>, or contact the New Mexico Public Education Department.

### STRANDS, STANDARDS, AND BENCHMARKS

#### LANGUAGE ARTS

##### **Strand: Reading and Listening for Comprehension**

**Content Standard I: Students will apply strategies and skills to comprehend information that is read, heard, and viewed.**

*K-4 Benchmark I-A:* Listen to, read, react to, and retell information.

*5-8 Benchmark I-A:* Listen to, read, react to, and interpret information.

*K-4 Benchmark I-B:* Locate and use a variety of resources to acquire information across the curriculum.

*5-8 Benchmark I-B:* Gather and use information for research and other purposes.

*K-4 Benchmark I-C:* Demonstrate critical thinking skills to comprehend written, spoken, and visual information.

*5-8 Benchmark I-C:* Apply critical thinking skills to analyze information.

*K-4 Benchmark I-D:* Acquire reading strategies.

*5-8 Benchmark I-D:* Demonstrate competence in the skills and strategies of the reading process.

##### **Strand: Writing and Speaking for Expression**

**Content Standard II: Students will communicate effectively through speaking and writing.**

*K-4 Benchmark II-A:* Demonstrate competence in speaking to convey information.

*5-8 Benchmark II-A:* Use speaking as an interpersonal communication tool.

*K-4 Benchmark II-C:* Demonstrate competence in the skills and strategies of the writing process.

*5-8 Benchmarks II-C:* Demonstrate competence in the skills and strategies of the writing process.

#### SCIENCE

##### **Strand I: Scientific Thinking and Practice**

**Standard I: Understand the processes of scientific investigations and use inquiry and scientific ways of observing, experimenting, predicting, and validating to think critically.**

*K-4 Benchmark I:* Use scientific methods to observe, collect, record, analyze, predict, interpret, and determine reasonableness of data.

*5-8 Benchmark I:* Use scientific methods to develop questions, design and conduct experiments using appropriate technologies, analyze and evaluate results, make predictions, and communicate findings.

*K-4 Benchmark II:* Use scientific thinking and knowledge and communicate findings.

5-8 *Benchmark II*: Understand the processes of scientific investigation and how scientific inquiry results in scientific knowledge.

K-4 *Benchmark III*: Use mathematical skills and vocabulary to analyze data, understand patterns and relationships, and communicate findings.

5-8 *Benchmark III*: Use mathematical ideas, tools, and techniques to understand scientific knowledge.

**Strand II: Content of Science**

***Standard II (Life Science): Understand the properties, structures, and processes of living things and the interdependence of living things and their environments.***

K-4 *Benchmark I*: Know that living things have diverse forms, structures, functions, and habitats.

5-8 *Benchmark I*: Explain the diverse structures and functions of living things and the complex relationships between living things and their environments.

K-4 *Benchmark II*: Know that living things have similarities and differences and that living things change over time.

**Strand III: Science and Society**

***Standard I: Understand how scientific discoveries, inventions, practices, and knowledge influence, and are influenced by, individuals and societies.***

K-4 *Benchmark I*: Describe how science influences decisions made by individuals and societies.

5-8 *Benchmark I*: Explain how scientific discoveries and inventions have changed individuals and societies.

**MATHEMATICS**

**Strand: Geometry**

***Standard: Students will understand geometric concepts and applications.***

K-4 & 5-8 *Benchmark*:

2. Use visualization, spatial reasoning, and geometric modeling to solve problems.

**Strand: Measurement**

***Standard: Students will understand measurement systems and applications.***

K-4 & 5-8 *Benchmark*:

1. Understand measurable attributes of objects and the units, systems, and process of measurement.

2. Apply appropriate techniques, tools, and formulas to determine measurement.

**Strand: Data Analysis and Probability**

***Standard: Students will understand how to formulate questions, analyze data, and determine probabilities.***

K-4 *Benchmark*:

1. Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them.

2. Students will understand how to formulate questions, analyze data, and determine probabilities.

3. Develop and evaluate inferences and predictions that are based on data.

5-8 *Benchmark*:

1. Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them.

2. Select and use appropriate statistical methods to analyze data.

3. Develop and evaluate inferences and predictions that are based on data.

Audubon Adventures Issue	Language Arts (K-4 and 5-8 Benchmarks)*	Science (K-4 and 5-8 Benchmarks)*	Mathematics (K-4 and 5-8 Benchmarks)*
<b>Stink, Bite, Hide, Fight!</b>			
Student Newspaper	I581B; IK41C; I581C; IK41D; I581D	Strand 2: I1K41; I1581; I1K411; Strand 3: IK41	
Classroom Resource Manual:			
Hands-On Activity: <i>Understanding Animal Body Language (page 29)</i>	IK41A; I581A; IK41B; I581B; IK41C; I581C; I1K411A; I15811A; I1K411C; I15811C	Strand 1: IK411; I5811; Strand 2: I1K411	
Hands-On Activity: <i>Building a Defense (page 29)</i>	IK41B; I581B; I581C;	Strand 2: I1K41; I1581; I1K411;	Geo: K4582; Meas: K4581;
Field Activity: <i>Zoo Doings (page 30)</i>	I581C	Strand 1: IK41; I581; IK411; I5811; Strand 2: I1K41; I1581; I1K411;	Data: K41; 581; K42; K43; 583
<i>Find Out More Essay (page 32)</i>	I581C; IK41D; I581D;	Strand 2: I1K41; I1581; I1K411; Strand 3: IK41	
<b>Critter Construction: How, What &amp; Why Animals Build</b>			
Student Newspaper	I581C; IK41D; I581D; I1K411C; I15811C	Strand 1: IK41; IK411; I5811; Strand 2: I1K41; I1581; I1K411; Strand 3: IK41; I581	Data: K41; 581; K43; 583
Classroom Resource Manual:			
Field Activity: <i>Give a Bird Builder a Boost (page 24)</i>	IK41A; I581A; IK41B; I581B; IK41C; I581C; IK41D; I581D; IK411A; I5811A;	Strand 1: I5811; IK4111; I58111; Strand 2: I1K4111;	Geo: K4582; Meas: K4581; K4582;
Hands-On Activity: <i>All About an Animal Builder (page 22)</i>	IK41B; I581B; I581C; IK41D; I1K411C; I15811C	Strand 2: I1K41; I1581; I1K411;	Data: K41; 581
Hands-On Activity: <i>Animal Builders Vocabulary Builder (page 22)</i>	I581C; I581D;	Strand 1: I5811; Strand 2: I1K41; I1581; I1K411; Strand 3: IK41; I581	
<i>Find Out More Essay (page 25)</i>	I581C; IK41D;	Strand 2: I1K41; I1581; I1K411	
<b>On the Go! Animals that Migrate</b>			
Student Newspaper	I581B; I581C; IK41D; I581D;	Strand 1: I5811; Strand 2: I1K41; I1581; I1K411; Strand 3: IK41; I581;	Geo: K4582; Meas: K4581; K4582
Classroom Resource Manual:			
Hands-On Activity: <i>What's in the Way (page 36)</i>	IK411; I5811; IK41B; I581B; IK41C; I581C. IK41D; I581D;	Strand 1: I5811; IK4111; Strand 2: I1581; I1K411; Strand 3: IK41; I581	Geo: K4582; Meas: K4581; Data: K41; K42; K43; 581; 583
Hands-On Activity: <i>Mapping Flapping (page 36)</i>	I581B; I581C; I581D; IK411A; I5811A;	Strand 1: IK411; I5811; Strand 2: I1K41; I1581;	Geo: K4582; Data: K41; K42; K43; 581; 583
Hands-On Activity: <i>Native Plants are for the Birds – and Bugs! (page 37)</i>	IK41B; I581B; IK41C; I581C; IK41D;	Strand 1: IK41; I581; IK411; Strand 2: I1581;	
<i>Find Out More Essay (page 39)</i>	I581C; IK41D; I581D;	Strand 2: I1K41; I1581;	Meas: K4581

<b>Plants Rule!</b>			
Student Newspaper	I58IC; IK4ID; I58ID;	Strand 1: I58II; I58III; Strand 2: IIK4I; II58I; IIK4II; Strand 3: IK4I; I58I	Meas: K4581; Data: K43; 583
Classroom Resource Manual:			
Hands-On Activity: <i>Natural Networks</i> (page 15)	IIK4IIA; II58IIA	Strand 2: IIK4I; II58I; IIK4II;	
Hands-On Activity: <i>Who Eats Whom?</i> (page 16)	I58IC; IIK4IIA; II58IIA	Strand 1: IK4I; I58I; IK4II; I58II; Strand 2: II58I;	Meas: K4581; K4582; Data: K41; K43; 581; 583
Field Activity: <i>They're Everywhere!</i> (page 15)	I58IB; IK4IC; IIK4IIA; II58IIA; IIK4IIC; II58IIC	Strand 1: IK4II; I58II;	Data: K41; 581
<i>Find Out More Essay</i> (page 18)	I58IC; IK4ID; I58ID;	Strand 2: IIK4I; II58I; IIK4II	

\* Please note: While the benchmarks are separated for grades K-4 and 5-8, the numbering is the same for both. Please consult <http://www.ped.state.nm.us/nmStandards.html> for a comprehensive list of New Mexico's content standards, benchmarks, and performance standards.

