

3rd Grade

ENGLISH LANGUAGE ARTS | 110.14(b)(15)(A)

Follow and explain a set of written multi-step directions

ENGLISH LANGUAGE ARTS | 110.14(b)(15)(B)

Locate and use specific information in graphic features of text

ENGLISH LANGUAGE ARTS | 110.14 (b)(31)

Students work productively with others in teams. Students continue to apply earlier standards with greater complexity. Students are expected to participate in teacher- and student-led discussions by posing and answering questions with appropriate detail and by providing suggestions that build upon the ideas of others

SCIENCE | 112.14(b)(2)(A)

Plan and implement descriptive investigations, including asking and answering questions, making inferences, and selecting and using equipment or technology needed, to solve a specific problem in the natural world

SCIENCE | 112.14(b)(2)(F)

Communicate valid conclusions supported by data in writing, by drawing pictures, and through verbal discussion

SCIENCE | 112.14(b)(3)(C)

Represent the natural world using models

SCIENCE | 112.14 (b)(6)(A)

Explore different forms of energy, including mechanical, light, sound, and heat/thermal in everyday life

4th Grade

ENGLISH LANGUAGE ARTS | 110.15(b)(13)(A)

Determine the sequence of activities needed to carry out a procedure

ENGLISH LANGUAGE ARTS | 110.15(b)(29)

Students work productively with others in teams. Students continue to apply earlier standards with greater complexity. Students are expected to participate in teacher- and student-led discussions by posing and answering questions with appropriate detail and by providing suggestions that build upon the ideas of others

SCIENCE | 112.15(b)(2)(A)

Plan and implement descriptive investigations, including asking well-defined questions, making inferences, and selecting and using appropriate equipment or technology to answer his/her questions

SCIENCE | 112.15(b)(6)(A)

Differentiate among forms of energy, including mechanical, sound, electrical, light, and heat/thermal

SCIENCE | 112.15. (b)(2)(F)

Communicate valid, oral, and written results supported by data

SCIENCE | 112.15(b)(6)(C)

Demonstrate that electricity travels in a closed path, creating an electrical circuit, and explore an electromagnetic field

5th Grade

ENGLISH LANGUAGE ARTS | 110.16(b)(29)

Students work productively with others in teams. Students continue to apply earlier standards with greater complexity. Students are expected to participate in student-led discussions by eliciting and considering suggestions from other group members and by identifying points of agreement and disagreement.

SCIENCE | 112.16(b)(3)(A)

In all fields of science, analyze, evaluate, and critique scientific explanations by using empirical evidence, logical reasoning, and experimental and observational testing, including examining all sides of scientific evidence of those scientific explanations, so as to encourage critical thinking by the student

SCIENCE | 112.16(b)(3)(C)

Draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works

SCIENCE | 112.16(b)(6)(A)

Explore the uses of energy, including mechanical, light, thermal, electrical, and sound energy

SCIENCE | 112.16. (b)(2)(F)

Communicate valid conclusions in both written and verbal forms

SCIENCE | 112.16(b)(6)(B)

Demonstrate that the flow of electricity in circuits requires a complete path through which an electric current can pass and can produce light, heat, and sound

