

ELA and Science Standards Connections to K-2 Good Vibrations

ELA

Integration of Knowledge and Ideas

Reading Anchor Standard 7 - Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words.

Reading Anchor Standard 8- Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.

Reading Anchor Standard 9- Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.

Research to Build and Present Knowledge

Writing Anchor Standard 7- Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation.

Writing Anchor Standard 8- Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism.

Writing Anchor Standard 9- Draw evidence from literary or informational texts to support analysis, reflection, and research.

Comprehension and Collaboration

Speaking and Listening Standard 1- Prepare for and participate effectively in a range of conversations and collaborations with diverse partners, building on others' ideas and expressing their own clearly and persuasively.

Speaking and Listening Standard 2- Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.

Science

Science and Engineering Practices “What Scientists and Engineers **Do**”

Asking Questions and Defining Problems: *Asking questions and defining problems in K–2 builds on prior experiences and progresses to simple descriptive questions that can be tested*

K-2 Ask questions based on observations to find more information about the natural and/or designed world(s).

K-2 Ask and/or identify questions that can be answered by an investigation.

Developing and Using Models: *Modeling in K–2 builds on prior experiences and progresses to include using and developing models (i.e., diagram, drawing, physical replica, diorama, dramatization, or storyboard) that represent concrete events or design solutions*

K-2 Compare models to identify common features and differences.

K-2 Develop and/or use a model to represent amounts, relationships, relative scales (bigger, smaller), and/or patterns in the natural and designed world(s).

Disciplinary Core Ideas “What Scientists and Engineers **Know**”

Physical Science Wave Properties & Energy

Sound can make matter vibrate, and vibrating matter can make sound.

Energy can be moved from place to place by moving objects or through sound, light, or electric currents.