



ALIGNED STANDARDS

GENERAL ALIGNMENTS

CONTACT FOR CURATED, CLASSROOM-SPECIFIC ALIGNMENTS

1

NEXT GENERATION SCIENCE STANDARDS

- **K-ESS3-3:** Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.
- **K-2-ETS1-1:** Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.

2

LITERACY STANDARDS

- **RL.2.7:** Use information gained from the illustrations and words in a print or digital text to demonstrate understanding of its characters, setting, or plot.
- **W.2.2:** Informative/explanatory writing communicates information.
- **W.2.6:** Recall information from experiences or gather information from provided sources to answer a question.
- **SL.2.1:** Participate in collaborative conversations with diverse partners about grade 2 topics and texts with peers and adults in small and larger groups.
- **W.2.2:** Tell a story or recount an experience with appropriate facts and relevant, descriptive details, speaking audibly in coherent and complete sentences.

3

DISCIPLINARY CORE IDEAS

- **ESS3.C:** Things that people do to live comfortably can affect the world around them. But they can make choices that reduce their impacts on the land, water, air, and other living things.
- **ETS1.A:** Asking questions, making observations, and gathering information are helpful in thinking about problems.
- **ETS1.B:** Designs can be conveyed through sketches, drawings, or physical models. These representations are useful in communicating ideas for a problem's solutions to other people.

4

CONNECTIONS TO ENGINEERING, TECHNOLOGY, AND APPLICATIONS OF SCIENCE

- Interdependence of Science, Engineering, & Technology people encounter questions about the natural world every day.



ALIGNED STANDARDS

GENERAL ALIGNMENTS

CONTACT FOR CURATED, CLASSROOM-SPECIFIC ALIGNMENTS

5

UNITED NATIONS SUSTAINABILITY GOALS

- **Goal 4:** Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.
 - **Target 4.7:** By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.
- **Goal 12:** Ensure sustainable consumption and production patterns.
 - **Target 12.5:** By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse.
 - **Target 12.8:** By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature.
- **Goal 14:** Conserve and sustainably use the oceans, seas and marine resources for sustainable development.
 - **Target 14.1:** By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution.