

Correlation of *Seeds of Science/Roots of Reading* *Weather and Water* unit

Washoe County School District Science Standards for Grade 4

NATURE OF SCIENCE		
Scientific Inquiry (Nature of Science Unifying Concept A)		
N.5.A Students understand that science involves asking and answering questions and comparing the answers to what scientists know about the world.		
N.5.A.1 Students know scientific progress is made by conducting careful investigations, recording data, and communicating the results in an accurate method		•••
N.5.A.2 Students know how to compare the results of their experiments to what scientists already know about the world.		•••
N.5.A.4 Students know graphic representations of recorded data can be used to make predictions		•••
N.5.A.5 Students know how to plan and conduct a safe and simple investigation		•••
N.5.A.6 Students know models are tools for learning about the things they are meant to resemble		•••
Science, Technology, and Society (Nature of Science Unifying Concept B)		
N.5.B Students understand that many people, from all cultures and levels of ability, contribute to the fields of science and technology		
N.5.B.1 Students know that, throughout history, people of diverse cultures have provided scientific knowledge and technologies		••
N.5.B.2 Students know technologies impact society, both positively and negatively		••
N.5.B.3 Students know the benefits of working with a team sharing findings		•••
EARTH SCIENCE		
Atmospheric Processes and the Water Cycle (Earth and Space Science Unifying Concept A)		
E.5.A Students understand the water cycle's relationship to weather		
E.5.A.2 Students know the processes of the water cycle, including the role of the Sun		•••
E.5.A.4 Students know the role of water in many phenomena related to weather		•••
E.5.A.5 Students know air is a substance that surrounds us, takes up space, and moves around us as wind		•••

Correlation Key:

- The standard is addressed completely in the unit with explicit instruction and repeated opportunities for practice.
- The standard is addressed partially in the unit with explicit instruction and repeated opportunities for practice.
- The standard is touched upon in the unit providing good reinforcement to other experiences and/or an opportunity for teachers to expand instruction to address the standard partially or completely