

ELEMENTARY  
INVESTIGATION 9  
CAN THE RADON PROBLEM BE FIXED?

- CCS 3.2** (Writing) All students will write in clear, concise, organized language that varies in content and form for different audiences and purposes.
- B.2 Grade 4 Create narrative pieces, such as memoir or personal narrative that contain description and relate ideas, observations, or recollections of an event or experience.
- CCS 4.5** (Mathematical processes) All students will use mathematical processes of problem solving, communication, connections, reasoning, representations, and technology to solve problems and communicate mathematical ideas.
- D.1 Grade All Recognize that mathematical facts, procedures, and claims must be justified.
- D.2 Grade All Use reasoning to support their mathematical conclusions and problem solutions.
- D.5 Grade All Make and investigate mathematical conjectures.
- Counter examples as a means of disproving conjectures
  - Verifying conjectures using informal reasoning or proofs.
- CCS 5.5** (Characteristics of life) All students will gain an understanding of the structure, characteristics, and basic needs of organisms and will investigate the diversity of life.
- A.3 Grade 4 Recognize that plants and animals are composed of different parts performing different functions and working together for the well being of the organism.
- A.4 Grade 4 Describe the basic functions of the major systems of the human body including, but not limited to:
- digestive system
  - respiratory system
  - nervous system
  - skeletal system
  - muscular system
  - reproductive system
- A.1 Grade 6 Explain how systems of the human body are interrelated and regulate the body's internal environment.