

JUNIOR HIGH SCIENCE
INVESTIGATION 6
HOW DOES RADON AFFECT HUMAN LUNGS?

- CCS 5.4** (Nature and process of technology) All students will understand the interrelationships between science and technology and develop a conceptual understanding of the nature and process of technology.
- B.1 Grade 8 Analyze a product or system to determine the problem it was designed to solve, the design constraints, trade-offs and risks involved in using the product or system, how the product or system might fail, and how the product or system might be improved.
- 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.2 Grade 6 Identify and describe the structure and function of cells and cell parts.
- A.2 Grade 8 Recognize that complex multi-cellular organisms, including humans, are composed of and defined by interactions of the following:
- cells
 - tissues
 - organs
 - systems
- A.1 Grade 12 Relate the structure of molecules to their function in cellular structure and metabolism.
- C.2 Grade 12 Explain how genetic material can be altered by natural and/or artificial means; mutations and new gene combinations may have positive, negative, or no effect on organisms or species.