

JUNIOR HIGH SCIENCE
INVESTIGATION 9
CAN THE RADON PROBLEM BE FIXED?

- 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.
- A.3 Grade All Select and apply a variety of appropriate problem-solving strategies (e.g., "try a simpler problem" or "make a diagram") to solve problems.
- B.1 Grade All Use communication to organize and clarify their mathematical thinking.
- Reading and writing
 - Discussion, listening, and questioning
- B.2 Grade All Communicate their mathematical thinking coherently and clearly to peers, teachers, and others, both orally and in writing.
- D.6 Grade All Evaluate examples of mathematical reasoning and determine whether they are valid.
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- 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.
- C.1 Grade 4 Describe a product or device in terms of the problem it solves or the need it meets.
- 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.