

HIGH SCHOOL BIOLOGY
INVESTIGATION 1
WHAT DO YOU THINK ABOUT RADON?

- CCS 3.3** (Speaking) All students will speak in clear, concise, organized language that varies in content and form for different audiences and purposes.
- D.4 Grade 8 Give oral presentations to different audiences for various purposes, sharing appropriate changes in delivery (e.g., gestures, vocabulary, pace, visuals), and using language for dramatic effect.
- B.1 Grade 12 Ask prepared and follow-up questions in interviews and other discussions.
- 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.5 Grade All Make and investigate mathematical conjectures.
- Counter examples as a means of disproving conjectures
 - Verifying conjectures using informal reasoning or proofs
- F.1 Grade All Use technology to gather, analyze, and communicate mathematical information.
- F.2 Grade All Use computer spreadsheets, software, and graphing utilities to organize and display quantitative information (cf. workplace readiness standard 8.4-D).
- F.4 Grade All Use calculators as problem-solving tools (e.g., to explore patterns, to validate solutions).
- CCS 5.10** (Environmental studies) All students will develop an understanding of the environment as a system of interdependent components affected by human activity and natural phenomena.
- B.2 Grade 12 Use scientific, economic, and other data to assess environmental risks and benefits associated with societal activity.