



## TABLE OF CONTENTS

<b>I. Introduction.....</b>	<b>4</b>
<b>II. Content Alignment: State Proficiencies .....</b>	<b>6</b>
<b>III. Background Information on Radon .....</b>	<b>8</b>
<b>IV. Lesson Plans .....</b>	<b>13</b>
<b>1. What is radioactivity? .....</b>	<b>15</b>
<b>2. What is radon? .....</b>	<b>21</b>
<b>3. How do you measure radon? .....</b>	<b>27</b>
<b>4. Can you see radiation? .....</b>	<b>33</b>
<b>5. How is natural radioactive decay related to radiation measurement?.....</b>	<b>39</b>
<b>6. What are our risks from radon? .....</b>	<b>47</b>
<b>7. How can you control radon in your home? .....</b>	<b>55</b>
<b>8. Is there radon in New Jersey? .....</b>	<b>59</b>
<b>9. What are the ethical and legal aspects of radon?.....</b>	<b>67</b>
<b>10. How much radon is around you? .....</b>	<b>71</b>
<b>V. Assessment .....</b>	<b>77</b>
<b>VI. Appendices .....</b>	<b>80</b>
<b>A. Glossary of Terms .....</b>	<b>80</b>
<b>B. Resources.....</b>	<b>83</b>
<b>1. State Radon Programs .....</b>	<b>83</b>
<b>2. Speakers/Field Trips .....</b>	<b>84</b>
<b>3. Equipment/Materials .....</b>	<b>84</b>
<b>4. Information Resources .....</b>	<b>85</b>
<b>5. Illustrations/Maps.....</b>	<b>86</b>
<b>6. Additional Reading.....</b>	<b>86</b>