

## Content Alignment: Curriculum Guidelines

<b>Mathematics Content Alignment</b>	
<b>Mathematics Guidelines</b>	<b>Radon Alert Investigation Number</b>
Using statistical methods to describe, analyze, evaluate, and make decisions	Investigations #1, #4, #5, & #6
Creating experimental and theoretical models of situations involving probabilities (risk)	Investigation #5
Pursuing open-ended problems	Investigations #4, #5, & #6
Investigating and formulating questions from problem situations	Investigation #1
Reasoning from graphs	Investigations #5 & #6
Reasoning inductively and deductively	Investigations #5, #6, #7, & #9
Connecting mathematics to the world outside of the classroom	Investigations #1, #5, #6, & #7
Applying mathematics	Investigations #1, #5, #6, & #7
Developing an understanding of ratio, proportion, and percent	Investigations #1, #5, & #8
Using estimation in solving problems	Investigation #3
Developing and using tables and graphs to describe situations	Investigations #1, #5, & #6

## Content Alignment: Curriculum Guidelines

<b>Science Content Alignment</b>	
<b>Science Guidelines</b>	<b>Radon Alert Investigation Number</b>
Defining cells, tissues, organs, and systems	Investigation #6
Identifying the general functions of the major organs and systems of the human body	Investigation #6
Explaining the difference between an atom and a molecule	Investigation #4
Identifying various earth materials (rocks, soil, sand, and clay)	Investigation #8

<b>Social Studies Content Alignment</b>	
<b>Social Studies Guidelines</b>	<b>Radon Alert Investigation Number</b>
Describing how the various geographical regions of New Jersey, the United States, and the world are similar and different	Investigation #8
Locating major geographical features of New Jersey on maps	Investigation #8
Using latitude and longitude to locate places on a state map	Investigation #8
Interpreting visuals including pictures, charts, graphs, and tables	Investigations #1, #5, & #6

<b>Language Arts Content Alignment</b>	
<b>Language Arts Guidelines</b>	<b>Radon Alert Investigation Number</b>
Developing skills in writing effectively for a variety of purposes, modes, and audiences	Investigation #1
Applying the conventions of writing to produce effective communications	Investigations #2, #3, & #4
Applying reading skills to a variety of practical situations	Investigations #2 & #6
Developing vocabulary to understand written material	Investigation #2