THE BRAIN: OUR SENSE OF SELF				
	Indiana Science Academic Standards: Grades 6 – 8			
		Grade 6		
Lesson	Standard	Description		
2, 3, 4	6.1.2	Give examples of different ways scientists investigate natural phenomena and identify processes all scientists use, such as collection of relevant evidence, the use of logical reasoning, and the application of imagination in devising hypotheses and explanations, in order to make sense of the evidence.		
3, 4	6.1.3	Recognize and explain that hypotheses are valuable, even if they turn out not to be true, if they lead to fruitful investigations.		
3, 4	6.1.6	Explain that computers have become invaluable in science because they speed up and extend people's ability to collect, store, compile, and analyze data; prepare research reports; and share data and ideas with investigators all over the world.		
2, 3, 4	6.1.7	Explain that technology is essential to science for such purposes as access to outer space and other remote locations, sample collection and treatment, measurement, data collection and storage, computation, and communication of information.		
2	6.2.2	Use technology, such as calculators or computer spreadsheets, in analysis of data.		
3, 4	6.2.5	Organize information in simple tables and graphs and identify relationships they reveal. Use tables and graphs as examples of evidence for explanations when writing essays or writing about lab work, fieldwork, etc.		
3, 4	6.2.6	Read simple tables and graphs produced by others and describe in words what they show.		
3, 4	6.2.7	Locate information in reference books, back issues of newspapers and magazines, CD-ROMs, and computer databases.		
2, 3, 4	6.2.8	Analyze and interpret a given set of findings, demonstrating that there may be more than one good way to do so.		
2	6.3.17	Recognize and describe that energy is a property of many objects and is associated with heat, light, electricity, mechanical motion, and sound.		
3, 4	6.4.5	Investigate and explain that all living things are composed of cells whose details are usually visible only through a microscope.		
1, 2, 3	6.4.11	Describe that human beings have body systems for obtaining and providing energy, defense, reproduction, and the coordination of body functions.		
1, 2, 3, 4	6.7.1	Describe that a system, such as the human body, is composed of subsystems.		
3, 4	6.7.2	Use models to illustrate processes that happen too slowly, too quickly, or on too small a scale to observe directly, or are too vast to be changed deliberately, or are potentially dangerous.		

	Grade 7				
Lesson	Standard	Description			
3	7.1.1	Recognize and explain that when similar investigations give different results, the scientific challenge is to judge whether the differences are trivial or significant, which often takes further studies to decide.			
2, 3, 4	7.1.4	Describe that different explanations can be given for the same evidence, and it is not always possible to tell which one is correct without further inquiry.			
4	7.2.6	Read analog and digital meters on instruments used to make direct measurements of length, volume, weight, elapsed time, rates, or temperatures, and choose appropriate units.			
4	7.2.7	Incorporate circle charts, bar and line graphs, diagrams, scatterplots, and symbols into writing, such as lab or research reports, to serve as evidence for claims and/or conclusions.			
3	7.4.4	Explain that cells continually divide to make more cells for growth and repair and that various organs and tissues function to serve the needs of cells for food, air, and waste removal.			
2, 3, 4	7.7.1	Explain that the output from one part of a system, which can include material, energy, or information, can become the input to other parts and this feedback can serve to control what goes on in the system as a whole.			
2, 3, 4	7.7.2	Use different models to represent the same thing, noting that the kind of model and its complexity should depend on its purpose.			
4	7.7.3	Describe how physical and biological systems tend to change until they reach equilibrium and remain that way unless their surroundings change.			
	Grade 8				
Lesson	Standard	Description			
2, 3, 4	8.1.1	Recognize that and describe how scientific knowledge is subject to modification as new information challenges prevailing theories and as a new theory leads to looking at old observations in a new way.			
3, 4	8.1.3	Recognize and describe that if more than one variable changes at the same time in an experiment, the outcome of the experiment may not be attributable to any one of the variables.			
3, 4	8.1.5	Explain why research involving human subjects requires that potential subjects be fully informed about the risks and benefits associated with the research and that they have the right to refuse to participate.			
2, 3, 4	8.1.8	Explain that humans help shape the future by generating knowledge, developing new technologies, and communicating ideas to others.			
4	8.2.2	Determine in what units, such as seconds, meters, grams, etc., an answer should be expressed based on the units of the inputs to the calculation.			
All lessons	8.2.7	Participate in group discussions on scientific topics by restating or summarizing accurately what others have said, asking for clarification or elaboration, and expressing alternative positions.			
3, 4	8.2.8	Use tables, charts, and graphs in making arguments and claims in, for example, oral and written presentations about lab or fieldwork.			

4	8.2.9	Explain why arguments are invalid if based on very small samples of data, biased samples, or samples for which there was no control sample.
2	8.4.5	Explain that energy can be transferred from one form to another in living things.
1, 2, 3, 4	8.7.1	Explain that a system usually has some properties that are different from those of its parts but appear because of the interaction of those parts.
2, 4	8.7.3	Use technology to assist in graphing and with simulations that compute and display results of changing factors in models.
2, 4	8.7.5	Observe and describe that a system may stay the same because nothing is happening or because things are happening that counteract one another.
		Indiana Mathematics Academic Standards: Grades 6 – 8
		Grade 6
Lesson	Standard	Description
4	6.2.1	Add and subtract positive and negative integers.
4	6.2.2	Multiply and divide positive and negative integers.
4	6.3.9	Investigate how a change in one variable relates to a change in a second variable.
4	6.5.1	Select and apply appropriate standard units and tools to measure length, area, volume, weight, time, temperature, and the size of angles.
4	6.6.1	Organize and display single-variable data in appropriate graphs and stem-and-leaf plots, and explain which types of graphs are appropriate for various data sets.
4	6.7.5	Express solutions clearly and logically by using the appropriate mathematical terms and notation. Support solutions with evidence in both verbal and symbolic work.
4	6.7.9	Make precise calculations and check the validity of the results in the context of the problem.
		Grade 7
Lesson	Standard	Description
4	7.2.1	Solve addition, subtraction, multiplication, and division problems that use integers, fractions, decimals, and combinations of the four operations.
4	7.5.1	Compare lengths, areas, volumes, weights, capacities, times, and temperatures within measurement systems.
4	7.6.1	Analyze, interpret, and display data in appropriate bar, line, and circle graphs and stem-and-leaf plots and justify the choice of display.
4	7.6.4	Analyze data displays, including ways that they can be misleading. Analyze ways in which the wording of questions can influence survey results.

4       8.6.1       a study to investigate the claim.         4       8.6.4       Analyze, interpret, and display single- and two-variable data in appropriate bar, line, and circle graphs; stem-and leaf plots; and box-and-whisker plots and explain which types of display are appropriate for various data sets.			Even a solution of a set of a
Grade 8           Lesson         Standard         Description           4         8.2.1         Add, subtract, multiply, and divide rational numbers (integers, fractions, and terminating decimals) in multi-step problems.           4         8.6.1         Identify claims based on statistical data and, in simple cases, evaluate the reasonableness of the claims. Design a study to investigate the claim.           4         8.6.4         Analyze, interpret, and display single- and two-variable data in appropriate bar, line, and circle graphs; stem-and leaf plots; and box-and-whisker plots and explain which types of display are appropriate for various data sets.           4         8.7.6         Express solutions clearly and logically using the appropriate bar, line, and notation. Support solutions with evidence in both verbal and symbolic work.           4         8.7.10         Make precise calculations and check the validity of the results in the context of the problem.           Indiana English Language Arts Academic Standards: Grades 6 - 8           Carde 6           Lesson           Standard           Description           2, 3, 4, 5           6.2.7           Make reasonable statements and conclusions about a text, supporting them with evidence from the text.           2, 3, 4, 5           6.2.7           Ma	4	7.7.6	
Lesson         Standard         Description           4         8.2.1         Add, subtract, multiply, and divide rational numbers (integers, fractions, and terminating decimals) in multi-step problems.           4         8.6.1         Identify claims based on statistical data and, in simple cases, evaluate the reasonableness of the claim. Design a study to investigate the claim.           4         8.6.4         Analyze, interpret, and display single- and two-variable data in appropriate bar, line, and circle graphs; stem-and leaf plots; and box-and-whisker plots and explain which types of display are appropriate for various data sets.           4         8.7.6         Express solutions clearly and logically using the appropriate mathematical terms and notation. Support solutions with evidence in both verbal and symbolic work.           4         8.7.10         Make precise calculations and check the validity of the results in the context of the problem.           Indiana English Language Arts Academic Standards: Grades 6 - 8           Carde 6           Lesson           Standard         Description           2, 3, 4, 5         6.1.4           Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.           2, 3, 4, 5         6.2.4           Clarde 6           Lesson         Standard         Description <td>4</td> <td>7.7.10</td> <td>Make precise calculations and check the validity of the results in the context of the problem.</td>	4	7.7.10	Make precise calculations and check the validity of the results in the context of the problem.
4       8.2.1       Add, subtract, multiply, and divide rational numbers (integers, fractions, and terminating decimals) in multi-step problems.         4       8.6.1       Identify claims based on statistical data and, in simple cases, evaluate the reasonableness of the claims. Design a study to investigate the claim.         4       8.6.4       Analyze, interpret, and display single- and two-variable data in appropriate bar, line, and circle graphs; stem-and leaf plots; and box-and-whisker plots and explain which types of display are appropriate for various data sets.         4       8.7.6       Express solutions clearly and logically using the appropriate mathematical terms and notation. Support solutions with evidence in both verbal and symbolic work.         4       8.7.10       Make precise calculations and check the validity of the results in the context of the problem.         Indiana English Language Arts Academic Standards: Grades 6 - 8         Carde 6         Lesson         Standard       Description         2, 3, 4, 5       6.1.4         Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.         2, 3, 4, 5       6.2.4         Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.         2, 3, 4, 5       6.2.4         Clarify an understanding the test suits the intend			Grade 8
4       8.2.1       problems.         4       8.6.1       Identify claims based on statistical data and, in simple cases, evaluate the reasonableness of the claims. Design a study to investigate the claim.         4       8.6.4       Analyze, interpret, and display single- and two-variable data in appropriate bar, line, and circle graphs; stem-and leaf plots; and box-and-whisker plots and explain which types of display are appropriate for various data sets.         4       8.6.4       Analyze, interpret, and display single- and two-variable data in appropriate bar, line, and circle graphs; stem-and leaf plots; and box-and-whisker plots and explain which types of display are appropriate for various data sets.         4       8.7.6       Express solutions clearly and logically using the appropriate mathematical terms and notation. Support solutions with evidence in both verbal and symbolic work.         4       8.7.10       Make precise calculations and check the validity of the results in the context of the problem.         Indiana English Language Arts Academic Standards: Grades 6 - 8         Lesson         Standard       Description         2, 3, 4, 5       6.1.4       Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.         2, 3, 4, 5       6.2.4       Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.         2, 3, 4, 5       6.4.2       Choose the form of writing that best suits the i	Lesson	Standard	Description
4       6.6.1       a study to investigate the claim.         4       8.6.4       Analyze, interpret, and display single- and two-variable data in appropriate bar, line, and circle graphs; stem-and leaf plots; and box-and-whisker plots and explain which types of display are appropriate for various data sets.         4       8.7.6       Express solutions clearly and logically using the appropriate mathematical terms and notation. Support solutions with evidence in both verbal and symbolic work.         4       8.7.10       Make precise calculations and check the validity of the results in the context of the problem.         Indiana English Language Arts Academic Standards: Grades 6 - 8         Lesson         Standard         Description         2, 3, 4, 5       6.1.4         Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.         2, 3, 4, 5       6.2.4       Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.         2, 3, 4, 5       6.4.2       Choose the form of writing that best suits the intended purpose.         2, 3, 4, 5       6.4.2       Choose the form of writing that best suits the intended purpose.         2, 3, 4, 4       6.4.3       Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, explain the situation, organize the composition clearly, and offer evidence t	4	8.2.1	
48.0.4leaf plots; and box-and-whisker plots and explain which types of display are appropriate for various data sets.48.7.6Express solutions clearly and logically using the appropriate mathematical terms and notation. Support solutions with evidence in both verbal and symbolic work.48.7.10Make precise calculations and check the validity of the results in the context of the problem.48.7.10Make precise calculations and check the validity of the results in the context of the problem.Indiana English Language Arts Academic Standards: Grades 6 - 8Carde 6LessonStandardDescription2, 3, 4, 56.1.4Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.2, 3, 4, 56.2.4Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.2, 3, 4, 56.4.2Choose the form of writing that best suits the intended purpose.2, 3, 4, 56.4.3Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.2, 3, 4, 46.5.2Write descriptions, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and conclusions.3, 4, 56.5.5Write persuasive compositions that: state a clear position on a proposition or proposal,	4	8.6.1	Identify claims based on statistical data and, in simple cases, evaluate the reasonableness of the claims. Design a study to investigate the claim.
4       6.7.5       with evidence in both verbal and symbolic work.         4       8.7.10       Make precise calculations and check the validity of the results in the context of the problem.         Indiana English Language Arts Academic Standards: Grades 6 - 8         Grade 6         Lesson         2, 3, 4, 5       6.1.4         Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.         2, 3, 4, 5       6.2.4         Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.         2, 3, 4, 5       6.2.7         Make reasonable statements and conclusions about a text, supporting them with evidence from the text.         2, 3, 4, 5       6.4.2         Choose the form of writing that best suits the intended purpose.         2, 3, 4       6.4.3         Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.         2, 3, 4       6.5.2         Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and coclusions.         2, 3, 4	4	8.6.4	Analyze, interpret, and display single- and two-variable data in appropriate bar, line, and circle graphs; stem-and- leaf plots; and box-and-whisker plots and explain which types of display are appropriate for various data sets.
Indiana English Language Arts Academic Standards: Grades 6 - 8Grade 6LessonStandardDescription2, 3, 4, 56.1.4Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.2, 3, 4, 56.2.4Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.2, 3, 4, 56.2.7Make reasonable statements and conclusions about a text, supporting them with evidence from the text.2, 3, 4, 56.4.2Choose the form of writing that best suits the intended purpose.2, 3, 46.4.3Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.2, 3, 46.5.2Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state 	4	8.7.6	Express solutions clearly and logically using the appropriate mathematical terms and notation. Support solutions with evidence in both verbal and symbolic work.
Grade 6LessonStandardDescription2, 3, 4, 56.1.4Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.2, 3, 4, 56.2.4Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.2, 3, 4, 56.2.7Make reasonable statements and conclusions about a text, supporting them with evidence from the text.2, 3, 4, 56.4.2Choose the form of writing that best suits the intended purpose.2, 3, 46.4.3Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.2, 3, 46.5.2Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and conclusions.56.5.5Write persuasive compositions that: state a clear position on a proposition or proposal, support the position with organized and relevant evidence and effective emotional appeals, and anticipate and address reader concerns	4	8.7.10	Make precise calculations and check the validity of the results in the context of the problem.
2, 3, 4, 56.1.4Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.2, 3, 4, 56.2.4Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.2, 3, 4, 56.2.7Make reasonable statements and conclusions about a text, supporting them with evidence from the text.2, 3, 4, 56.4.2Choose the form of writing that best suits the intended purpose.2, 3, 46.4.3Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.2, 3, 46.5.2Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and conclusions.56.5.5Write persuasive compositions that: state a clear position on a proposition or proposal, support the position with organized and relevant evidence and effective emotional appeals, and anticipate and address reader concerns and counterarguments.		In	diana English Language Arts Academic Standards: Grades 6 - 8
2, 3, 4, 56.1.4meaning.2, 3, 4, 56.2.4Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.2, 3, 4, 56.2.7Make reasonable statements and conclusions about a text, supporting them with evidence from the text.2, 3, 4, 56.4.2Choose the form of writing that best suits the intended purpose.2, 3, 46.4.3Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.2, 3, 46.5.2Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and conclusions.56.5.5Write persuasive compositions that: state a clear position on a proposition or proposal, support the position with organized and relevant evidence and effective emotional appeals, and anticipate and address reader concerns and counterarguments.		In	
2, 3, 4, 56.2.7Make reasonable statements and conclusions about a text, supporting them with evidence from the text.2, 3, 4, 56.4.2Choose the form of writing that best suits the intended purpose.2, 3, 4, 56.4.3Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.2, 3, 46.5.2Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and conclusions.56.5.5Write persuasive compositions that: state a clear position on a proposition or proposal, support the position with organized and relevant evidence and effective emotional appeals, and anticipate and address reader concerns and counterarguments.	Lesson		Grade 6
2, 3, 4, 56.4.2Choose the form of writing that best suits the intended purpose.2, 3, 46.4.3Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.2, 3, 46.4.3Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and conclusions.56.5.5Write persuasive compositions that: state a clear position on a proposition or proposal, support the position with organized and relevant evidence and effective emotional appeals, and anticipate and address reader concerns and counterarguments.		Standard	Grade 6 Description Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine
2, 3, 46.4.3Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.2, 3, 46.5.2Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and conclusions.56.5.5Write persuasive compositions that: state a clear position on a proposition or proposal, support the position with organized and relevant evidence and effective emotional appeals, and anticipate and address reader concerns and counterarguments.	2, 3, 4, 5	Standard 6.1.4	Grade 6         Description         Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.
2, 3, 46.4.3develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.2, 3, 46.5.2Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and conclusions.56.5.5Write persuasive compositions that: state a clear position on a proposition or proposal, support the position with 	2, 3, 4, 5 2, 3, 4, 5	Standard 6.1.4 6.2.4	Grade 6         Description         Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.         Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.
2, 3, 46.5.2the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and conclusions.56.5.5Write persuasive compositions that: state a clear position on a proposition or proposal, support the position with organized and relevant evidence and effective emotional appeals, and anticipate and address reader concerns and counterarguments.	2, 3, 4, 5 2, 3, 4, 5 2, 3, 4, 5	Standard 6.1.4 6.2.4 6.2.7	Grade 6         Description         Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.         Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.         Make reasonable statements and conclusions about a text, supporting them with evidence from the text.
5         6.5.5         organized and relevant evidence and effective emotional appeals, and anticipate and address reader concerns and counterarguments.	2, 3, 4, 5 2, 3, 4, 5 2, 3, 4, 5 2, 3, 4, 5 2, 3, 4, 5	Standard 6.1.4 6.2.4 6.2.7 6.4.2	Grade 6         Description         Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.         Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.         Make reasonable statements and conclusions about a text, supporting them with evidence from the text.         Choose the form of writing that best suits the intended purpose.         Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to
2, 3, 4, 5 6.5.7 Write for different purposes (information, persuasion, description) and to a specific audience or person, adjusting	2, 3, 4, 5 2, 3, 4, 5	Standard           6.1.4           6.2.4           6.2.7           6.4.2           6.4.3	Grade 6         Description         Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.         Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.         Make reasonable statements and conclusions about a text, supporting them with evidence from the text.         Choose the form of writing that best suits the intended purpose.         Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.         Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer
	2, 3, 4, 5 2, 3, 4 2, 3, 4	Standard           6.1.4           6.2.4           6.2.7           6.4.2           6.4.3           6.5.2	Grade 6         Description         Understand unknown words in informational texts by using word, sentence, and paragraph clues to determine meaning.         Clarify an understanding of texts by creating outlines, notes, diagrams, summaries, or reports.         Make reasonable statements and conclusions about a text, supporting them with evidence from the text.         Choose the form of writing that best suits the intended purpose.         Write informational pieces of several paragraphs that: engage the interest of the reader, state a clear purpose, develop the topic with supporting details and precise language, and conclude with a detailed summary linked to the purpose of the composition.         Write descriptions, explanations, comparison and contrast papers, and problem and solution essays that: state the thesis (position on the topic) or purpose, explain the situation, organize the composition clearly, and offer evidence to support arguments and conclusions.         Write persuasive compositions that: state a clear position on a proposition or proposal, support the position with organized and relevant evidence and effective emotional appeals, and anticipate and address reader concerns

		tone and style as necessary.
3, 4	6.5.8	Write summaries that contain the main ideas of the reading selection and the most significant details.
2, 3, 4, 5	6.6.5	Spell correctly frequently misspelled words (their/they're/there, loose/lose/loss, choose/chose, through/threw).
1, 3, 4	6.7.3	Restate and carry out multiple-step oral instructions and directions.
2, 3, 4, 5	6.7.6	Support opinions with researched, documented evidence and with visual or media displays that use appropriate technology.
2	6.7.11	Deliver informative presentations that: pose relevant questions sufficiently limited in scope to be completely and thoroughly answered, and develop the topic with facts, details, examples, and explanations from multiple authoritative sources, including speakers, periodicals, and online information.
All lessons	6.7.15	Ask questions that seek information not already discussed.
		Grade 7
Lesson	Standard	Description
3, 4, 5	7.2.2	Locate information by using a variety of consumer and public documents.
2, 3, 4, 5	7.2.7	Draw conclusions and make reasonable statements about a text, supporting the conclusions and statements with evidence from the text.
2, 3, 4, 5	7.4.5	Identify topics; ask and evaluate questions; and develop ideas leading to inquiry, investigation, and research.
5	7.5.4	Write persuasive compositions that: state a clear position or perspective in support of a proposition or proposal, describe the points in support of the proposition, employing well-articulated evidence and effective emotional appeals, and anticipate and address reader concerns and counterarguments.
2, 3, 4	7.5.5	Write summaries of reading materials that: include the main ideas and most significant details, use the student's own words, except for quotations, and reflect underlying meaning, not just the superficial details.
2, 3, 4, 5	7.5.7	Write for different purposes and to a specific audience or person, adjusting style and tone as necessary.
All lessons	7.7.1	Ask questions to elicit information, including evidence to support the speaker's claims and conclusions.
2, 3, 4, 5	7.7.4	Arrange supporting details, reasons, descriptions, and examples effectively.
		Grade 8
Lesson	Standard	Description
2, 3, 4, 5	8.1.3	Verify the meaning of a word in its context, even when its meaning is not directly stated, through the use of definition, restatement, example, comparison, or contrast.
2, 3, 4, 5	8.2.9	Make reasonable statements and draw conclusions about a text, supporting them with accurate examples.
2, 3, 4, 5	8.4.2	Create compositions that have a clear message, a coherent thesis (a statement of position on the topic), and end with a clear and well-supported conclusion.
2, 3, 4, 5	8.4.11	Identify topics; ask and evaluate questions; and develop ideas leading to inquiry, investigation, and research.

5	8.5.4	Write persuasive compositions that: include a well-defined thesis that makes a clear and knowledgeable appeal present detailed evidence, examples, and reasoning to support effective arguments and emotional appeals, and provide details, reasons, and examples, arranging them effectively by anticipating and answering reader concerns and counterarguments.
2, 3, 4, 5	8.5.7	Write for different purposes and to a specific audience or person, adjusting tone and style as necessary.
2, 3, 4, 5	8.6.1	Use correct and varied sentence types (simple, compound, complex, and compound-complex) and sentence openings to present a lively and effective personal style.
2, 3, 4, 5	8.6.5	Use correct punctuation.
2, 3, 4, 5	8.6.6	Use correct capitalization.
2, 3, 4, 5	8.6.7	Use correct spelling conventions.
Lesson	Standard	Description
Lesson 4	6.1.1 7.1.1	Explain the importance of assuming responsibility for personal health behaviors.
	8.1.1	
4	6.1.2 7.1.2 8.1.2	Explain the relationships between personal health behaviors and the prevention of injury, illness, disease, and premature death.
4	6.1.4 7.1.4 8.1.4	Explain how personal health behaviors influence the functioning of body systems. (6) Explain the interrelationships between behaviors, the functioning of body systems, and overall health. (7 & 8)
2	6.1.5 7.1.5 8.1.5	Describe how one's surroundings influence mental, emotional, social, and physical health. (6) Analyze interrelationships between the mental, emotional, social, and physical environment and personal health. (7 & 8)
4	6.1.6 7.1.6 8.1.6	Describe ways to reduce risks related to common health problems among adolescents.
	6.1.8	Describe how pathogens are related to the cause or prevention of disease. (6) Describe how pathogens, family

4	6.1.8 7.1.8 8.1.8	Describe how pathogens are related to the cause or prevention of disease. (6) Describe how pathogens, family history, and other risk factors are related to the cause or prevention of disease and other health problems. (7 & 8)
3, 4, 5	6.1.9 7.1.9 8.1.9	Explain key health terms and concepts.

3, 4, 5	6.2.2 7.2.2 8.2.2	Demonstrate the ability to utilize resources from home, school, and community that provide valid health information.
4	6.4.4 7.4.4 8.4.4	Analyze the influence of technology on personal and family health and health behaviors.
All lessons	6.5.4 7.5.4 8.5.4	Demonstrate ways to communicate care, consideration, and respect of self and others.
All lessons	6.5.5 7.5.5 8.5.5	Demonstrate attentive listening and other communication skills to build and maintain healthy relationships.
4	6.6.2 7.6.2 8.6.2	Predict how decisions regarding health behaviors have consequences for self and others.
4, 5	6.7.2 7.7.2 8.7.2	Demonstrate the ability to express information and ideas about health issues.