TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
TEXT: COMMON CORE BASICS, SCIENCE  TEXT CHAPTER: CHAPTER 1 (pages 14-51)  TOPIC: HUMAN BODY AND HEALTH  SUGGESTED INTEGRATION OF ADDITIONAL TEXT Achieving TABE Success in Reading, Level D Workbook, pages 20-44, 59-66, 89-92, 135-158, 175-178  Achieving TABE Success in Reading, Level D Reader, pages 5-18, 24-33, 64-80  Reading Basics, Intermediate 2 Workbook, pages 14-19, 29-35, 45, 69, 93, 109-115, 141, 148, 150-155, 165  Reading Basics, Intermediate 2 Reader, pages 1-9, 19-25, 78-84, 103-110  Words to Learn By- Building Academic Vocabulary, Lessons 1, 5, 9, 17, 19  Words to Learn By- Expanding Academic Vocabulary, Lessons 1, 3, 5, 7, 8, 11, 12, 15, 17-20  Words to Learn By- Advancing Academic Vocabulary, Lessons 1, 2, 5, 6, 8, 9, 12, 13, 15, 16, 19  Workplace Skills, Reading for Information, Lessons 1-9, 14-16, 24  DIGITAL RESOURCES: Instruction Targeted for TABE Success, Level D, Reading, Unit 2; Lessons 1.1, 3.1, 4.1, 4.4-4.7	CHAPTER TITLE: 1- HUMAN BODY AND HEALTH  LESSON(S) TITLE: 1.1- Skeletal and Muscular Systems; 1.2- Digestive, Respiratory, Excretory, and Circulatory Systems; 1.3- Nervous, Endocrine, and Reproductive Systems; 1.4- Health and Disease TEXT LESSON OBJECTIVES:  1.1-Identify main parts of the human skeletal system; Classify different types of joints; Explain how the skeletal and muscular systems work together for movement 1.2-Recognize the organs and processes of the digestive, excretory, circulatory, and respiratory systems; Explain how these systems work together to provide the body's cells with energy and remove cellular wastes 1.3-Recognize the organs and processes of the nervous and endocrine systems; differentiate between male and female reproductive organs; sequence the events in the development of a fetus from a fertilized egg; Identify conclusions and supporting details 1.4-Identify common disease and their causes; Discuss the types of nutrients used by the body; Relate different types of drugs to their effects on the body  BEFORE, DURING & AFTER READING STRATEGIES: Word Study- Display the vocabulary words and definitions and ask riddles using the words ("I squeeze and relax, pumping blood around your body. What am I?"- IRB 199  Understand Text Organization- Ask students to describe a recent writing task and how they collected and organized text to make it sensible or affective- IRB 199  Set a Purpose for Reading- Use a KWL chart labeled "Skeletal System", with columns headed "What I Know, What I Want to Know, What I Lerned" to make sense of the text- page 16, IRB 199  Use Word Parts- suffix –ory (meaning having to do with) as in excretory and respiratory (IRB 201); prefix in- (meaning not) changes voluntary to involuntary (IRB 200); Latin word cerebrum (Ilitle brain) is the basis for cerebellum (IRB 204)  Words as Context Clues- locate context clue words in the text, pointing out the location and movement indicators (in, down, into, there, across, carries, passes, leave)- IRB 201  Multiple-Meaning Words-	BELL RINGER:  1.1- students imagine running and the job of the bones in their legs to the job of the muscles, how alike and different- IRB 199  1.2- ask students to name one organ from each of the digestive, respiratory, excretory, and circulatory systems- IRB 201  1.3- students brainstorm a list of the various ways that messages can be delivered throughout an office building, person to person, and automatically in response to physical conditions- IRB 203  1.4- students describe health-related stories recently seen in the media, and those relevant to their lives- IRB 205  VOCABULARY:  1.1-organization, voluntary, cardiac muscle, ligaments, marrow, skeletal muscle, smooth muscle  1.2-excretory system, plasma, platelet, respiratory system  1.3-labor, fetus, hormones, menstrual cycle, sequence  1.4-drug, well-balanced diet, calorie, immunity, prescription, symptom, antibiotic, over-the-counter, acquire  STUDENT PRODUCT/PROJECT:  21** Century Skill-Communication and Innovation- prior to assignment, discuss the values of precision in writing, stating what's most important and use of visuals to further clarify text-page 17, IRB 200; Communication and Collaboration- students share specific examples of experiences with collaboration in the workplace- page 33; Flexibility and Adaptability- investigate the various nutritional models promoted by the USDA (MyPlate.gov)- page 41  Determine Central Ideas- in groups, scan an article from local newspaper identifying the central or main idea- IRB203  Write to Learn- pages 21, 27, 33, 39  EXTENSION/ENRICHMENT ACTIVITY:  ELL Instruction: in small groups students explain the diagram of the arm on page 20 using their own words (IRB 200); practice pronunciation of words and phrases from the lesson (IRB 202); suffix —ion (refers to the act, result or state of something) on the terms fertilization, nutrition, and contraction (IRB204)  Extension Activity: Construct a model to show how a knee flexes to allow movement (IRB 200); research additional details about a body system, including
4.1, 4.4-4.7  Workforce Connects, Reading for Information, Units 3, 4; Lessons 5.5-5.6, 6.1, 7.2	Evaluate Conclusions-"jump to a conclusion" means to judge without having all the facts- IRB 205 HOME LEARNING:  Compare and Contrast Multimedia Sources- aimed at children (educational effectiveness)- pg. 40 Workplace Connection-investigate the use of computer technology in science research- page 39 Write to Learn activities: pages 21, 27, 33, 39 Application of Science Practices: pages 50-51	· · · · · · · · · · · · · · · · · · ·
CCR STANDARDS EMBEDDED IN TEXT: CCRA.R.1, CCRA.R.2, CCRA.R.4, CCRA.R.5, CCRA.R.7, CCRA.R.9, CCRA.R.10	TABE CORRELATION TO TEXT: Interpret Graphic Information Words in Context Recall Information- Details Construct Meaning- Main Idea, Compare / Contrast, Drawing Conclusion, Supporting Evidence	EVALUATION/ASSESSMENT: In each lesson: Vocabulary Review, Skill Review, Skill Practice

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TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE
		INSTRUCTION
TEVT: COMMMON CODE DASICS SCIENCE	WEEK 2	BELL RINGER:
TEXT: COMMON CORE BASICS, SCIENCE	CHAPTER TITLE: 2- LIFE FUNCTIONS AND ENERGY INTAKE	2.1- list various kinds of flowering plants with descriptions
TEXT CHAPTER: CHAPTER 2 (pages 52-85)	CHAPTER TILE: 2- LIFE FONCTIONS AND ENERGY INTAKE	including shape and color- IRB 207
(pages 22 23)	LESSON(S) TITLE: 2.1-Flowering Plants; 2.2- Respiration; 2.3- Fermentation	2.2-describe how the body responds to a period of heavy
TOPIC: LIFE FUNCTIONS AND ENERGY INTAKE		exercise and how it affects breathing rates- IRB 209
	TEXT LESSON OBJECTIVES:	2.3- use experiences baking yeast breads and what causes
SUGGESTED INTEGRATION OF ADDITIONAL TEXT	2.1- Identify the basic parts of a flowering plant; Understand the food-making process in a	the holes to form- IRB 211
Achieving TABE Success in Reading, Level D	plant; Describe how flowering plants reproduce	VOCABULARY:
Workbook, pages 20-44, 67-74, 89-92, 143-150,	2.2- Relate respiration to energy; Identify step-by-step scientific procedures; Describe the rule	2.1- precise, reproduction, visual, chlorophyll,
233-236	of oxygen in the process of respiration; Explain the process of cellular respiration	photosynthesis, pistil, pollination, stamen
Achieving TARE Consessing Reguling Level D	2.3- Relate fermentation to energy; Relate the absence of oxygen to fermentation; Explain the	2.2- aerobic, initiative, procedure, process, cellular
Achieving TABE Success in Reading, Level D	process of fermentation	respiration, glycolysis, mitochondria
Reader, pages 5-18, 34-39, 73-76, 94-98		2.3- accountability, productivity, research, anaerobic,
Reading Basics, Intermediate 2 Workbook, pages	BEFORE, DURING & AFTER READING STRATEGIES:	fermentation, compare, contrast
29, 69, 78-83, 93, 150-155, 165, 173	Form Sentences- use one or more vocabulary words in a sentence-IRB 207	STUDENT PRODUCT/PROJECT:
	Collaborative Reading- read the first sentence of section Reproduction in Flowering Plants,	21 <sup>st</sup> Century Skill- Communication- pairs of students write
Reading Basics, Intermediate 2 Reader, pages 42-	then select a student to read the next sentence, until done- page 59, IRB 208	on a topic of interest, including critical details and visual
49, 103-110	<b>Respond to Questions</b> - students develop sentences for vocabulary, then in teams read aloud	devices to help readers understand the topic- page 56, IRB
Words to Learn By- Building Academic	the sentences, asking other team to guess the word- IRB 209; teacher reads sentences with a	208
Vocabulary, Lessons 17, 20	blank for vocabulary word -IRB 211	21 <sup>st</sup> Century Skill- Productivity and Accountability- develop
Vocabalary, Lessons 17, 20	Word Parts- carbohydrate comes from carbo (chemical element carbon) and hydrate (Greek	a chart with examples of productivity and of accountability-
Workplace Skills, Reading for Information, Lessons	word <i>hydor</i> meaning water) and is a combination of of carbon, hydrogen and oxygen page 62,	IRB 212
2-5, 8-9, 14-15, 19	IRB 209	Write to Learn activities: pages 58, 68, 74
	Model Fluent Reading- read first paragraph on page 70 ignoring the commas, then again with	Write to Learn activities. pages 36, 66, 74
DIGITAL RESOURCES:	the commas, with students noting the differences in what they heard- IRB 211	EXTENSION/ENRICHMENT ACTIVITY:
Instruction Targeted for TABE Success , Level D,	ADDITIONAL STRATEGIES:	<b>ELL Instruction</b> : use a flower to demonstrate its parts (IRB
Reading, Unit 2; Lessons 1.1, 3.2, 4.4-4.5, 5.3	Integrate Text and Visuals- images provide a visual representation of the text that aids in	208); explain a diagram (page 64) in own words (IRB 210);
Workforce Connects Reading for Information	comprehension, allowing comparison of different types of items or too small or too large to	explain an experiment in their own words (IRB 212)
Workforce Connects, Reading for Information,	see- page 55, IRB 207	<b>Extension Activity:</b> develop an advertisement on a flower's
Lessons 3.2-3.5, 4.3-4.4, 5.5-5.6, 6.4	Apply Scientific Models- explore the application of computer models in scientific research-	merits to market to potential pollinators (IRB 208); write
	page 57, IRB 208	the steps for a familiar process (repairing a bicycle) along
	<b>Determine Meaning of Terms</b> - identify suffixes, prefixes and base words to help with	with a diagram (IRB 210); write an explanation of how yeast
	unfamiliar words (e.g. <i>glycolysis- glyco</i> means sugar, <i>lysis</i> means to split)-IRB 209	works in the fermentation process (IRB 212)
	Follow Multistep Procedure- use examination of microorganisms in pond water to show value	
	of writing numbered steps and explicit instructions – page 64, IRB 210	EXIT SLIP:
	<b>Apply Scientific Processes</b> - relate the scientific process to investigations conducted by police officials and chemists and engineers- page 71, IRB 212	<b>Think About Science</b> activities: pages 57, 58, 59, 64, 65, 66,
	HOME LEARNING:	71, 73
	21st Century Skill- Initiative and Self-Direction- write about a specific example of personal	
	initiative and the result or effect of that initiative- page 65, IRB 210	
	Compare and Contrast Information-on the process of fermentation-page 72	
	Application of Science Practices: pages 84-85	
CCR STANDARDS EMBEDDED IN TEXT:	TABE CORRELATION TO TEXT: Interpret Graphic Information	EVALUATION/ASSESSMENT:
CCRA.R.3, CCRA.R.4, CCRA.R.7, CCRA.R.9,	Words in Context	In each lesson: Vocabulary Review, Skill Review, Skill
CCRA.R.3, CCRA.R.4, CCRA.R.7, CCRA.R.9,	Recall Information- Sequence	Practice
CCIO.IV.IU	Construct Meaning- Main Idea, Compare / Contrast	Tractice
	Evaluate/ Extend Meaning- Apply Passage Details	
	Lvaluate/ Exterio ivicaling- Apply Passage Details	

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
	WEEK 3	BELL RINGER:
TEXT: COMMON CORE BASICS, SCIENCE	CHAPTER TITLE: 3- ECOSYSTEMS	3.1- use the environment outside the school to draw a comparison to how the nature of the environment affects organisms living in it-IRB 213
	LESSON(S) TITLE: 3.1- Ecosystems; 3.2- Carrying Capacity; 3.3- Symbiosis; 3.4- Disruption;	3.2- ask students to describe the meaning of the term <i>serving size</i> and
TEXT CHAPTER: CHAPTER 3 (pages 86-131)	3.5- Environmental Issues	possible consequences of having fewer servings than needed-IRB 125 3.3- students describe some of the living and nonliving things they see
TEXT CITAL TEXT CITAL TEXTS (pages 60 151)	TEXT LESSON OBJECTIVES:	around them and in spaces beyond the immediate area- IRB 217
	3.1-Understand the organization of ecosystems; Describe interactions between organisms; Identify biomes of the world	3.4-discuss what keeps an ecosystem healthy using scenarios on note
TOPIC: ECOSYSTEMS	3.2-Identify limiting factors that affect carrying capacity; Identify different kinds of	cards (e.g. mouse population in a field grows too large)- IRB 219
	relationships within a habitat; Explain the relationship between equilibrium and carrying	3.5- use a two-column chart to list renewable and nonrenewable
	capacity	resources regularly used by the students- IRB 221
SUGGESTED INTEGRATION OF ADDITIONAL TEXT	3.3-Define mutualism, commensalism, and parasitism; Give real-world examples of each	VOCABULARY:
Achieving TABE Success in Reading, Level D	type of symbiotic relationship	3.1- environment, interact, biome, biosphere, ecosystem, food chain,
Workbook, pages 167-178, 193-208	3.4-Identify laws of ecology; Give examples of environmental disruptions; Explain the	prediction
Achieving TABE Success in Reading, Level D	consequences of disruptions 3.5-Distinguish between nonrenewable and renewable resources; Identify types of	3.2- exceeded, equilibrium, habitat, jargon, population, carrying
Reader, pages 77-93	pollution; Understand the effects of human activities on the environment	capacity, limiting factor, concept
Reading Basics, Intermediate 2 Workbook, pages	BEFORE, DURING & AFTER READING STRATEGIES:	3.3-host, mutualism, parasite, antibodies, symbiosis, summarize 3.4-degradation, destruction, endangered, fragmentation, threatened,
38-43, 110-115, 142-147, 166-171	Relate New Words- to words or concepts already known- IRB 213	abiotic, biodiversity, biotic, invasive species
	<b>Predict Meanings</b> - of words using word parts (a- "not, without"; de- "un, down"; en- "make,	3.5-climate, fact, speculation, conservation, natural resources, pollution
Reading Basics, Intermediate 2 Reader, pages	put in"; in- "in"; bio- "life"; di- "apart")- IRB 219; symbiosis has a Greek base word bios	STUDENT PRODUCT/PROJECT:
26-33, 78-84, 120-128	(one's life or way of living), prefix sym- (together), and suffix –is (having the character of)-	Find Personal Connections-work in small groups to create drawings of
Words to Learn By- Expanding Academic	IRB 217; disruption (Latin disrumpere- "break apart")-IRB 219  Forms of a Word- habitat is from the Latin word habitare (it dwells, or lives)and relates to	local ecosystem to represent vocabulary –IRB 215
Vocabulary, Lessons 7, 8, 19	habit, habitable, habitual, habitation, inhabitant, habilitate -IRB 216	Illustrate Word Meanings- of vocabulary in lesson with drawings working in small groups- IRB 217
Words to Learn By- Advancing Academic	Summarize Text- with a short restatement of main point and key ideas of a text- IRB 217	List Examples- working in pairs, students surround the vocabulary word
Vocabulary, Lessons 2, 19	Preview Text- using titles, subtitles, boldfaced words, visuals as clues- IRB 221	(in a circle) with examples- IRB 221
Workplace Skills, Reading for Information,	Distinguish Between Facts and Speculation- use an example for speculation (something	EXTENSION/ENRICHMENT ACTIVITY:
Lessons16, 21, 25	that a person thinks is true, but the truth has not been verified)- IRB 221	<b>ELL Instruction:</b> use a thesaurus to locate synonyms to substitute for
	Analyze Author's Purpose- although in most science textbooks the author's purpose is to	unknown vocabulary words (IRB 214); examine the consequences of
DICITAL RECOLIRCES.	inform and educate, words can clue to a purpose other than to inform-page 89	removing a food from the sea otters' diet on page 99 (IRB 216);
DIGITAL RESOURCES: Instruction Targeted for TABE Success , Level D,	Understand Text- skim text and highlight unfamiliar words, paying attention to those in	summarize and illustrate sections of text (IRB 218); use four-column organizer to list examples of Commoner's laws of ecology (page 110, IRB
Reading, Lessons 4.2, 4.7, 5.1, 5.6	italic or bold type, identifying jargon and parsing (breaking into parts)pages 93, 98	220); practice reading words aloud, clapping for each syllable (IRB 222)
	Identify Hypothesis-that can be made from observing spoiled milk-IRB 217	Extension Activity: create a diagram of the food chain within a biome
Workforce Connects, Reading for Information,	Cite Textual Evidence- in a news article, identify the conclusion, question or argument and	(IRB 214); sketch out the plan descried in the Write to Learn activity on
Lessons 6.1, 6.6, 7.3	specific supporting statements- pages 97, 114, 122  HOME LEARNING:	page 100 (IRB 216); students choose an organism and develop a
	Critical Thinking and Problem Solving- research university websites for the types of science	question, hypothesis and experiment (IRB 218); use online media to find
	investigations being conducted and corresponding hypotheses- page 103	examples and non-examples of disruption (IRB 220); identify research questions from an environmental news story (IRB 222)
	21st Century Skill- Information Technology- research ways that scientists propose to slow or	questions from an environmental news story (IND 222)
	stop polar ice melting- IRB 222	EXIT SLIP:
	Write to Learn activities: pages 92, 100, 107, 115, 122	Think About Science activities: pages 88, 90, 92, 97, 99, 103, 105, 106,
CCD CTANDARDC FARREDDED IN TEVT	Application of Science Practices: pages 130-131	112, 113, 121, 122, 123
CCR STANDARDS EMBEDDED IN TEXT: CCRA.R.1, CCRA.R.2, CCRA.R.4, CCRA.R.6,	TABE CORRELATION TO TEXT:  Construct Meaning- Summary and Paraphrase; Supporting Evidence	EVALUATION/ASSESSMENT: In each lesson: Vocabulary Review, Skill Review, Skill Practice
CONTAINE, CONTAINE, CONTAINE, CONTAINED,	Evaluate/ Extend Meaning-Author's Purpose; Fact and Opinion	in cach lesson. Vocabulary neview, skill neview, skill Fractice

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
	WEEK 4	BELL RINGER:
TEXT: COMMON CORE BASICS, SCIENCE	CHAPTER TITLE: 4- FOUNDATIONS OF LIFE	4.1- students list what they do know and like to learn about plant and animal cells- IRB 223
	LESSON(S) TITLE: 4.1- The Cell; 4.2- Simple Organisms; 4.3- Invertebrates; 4.4-	4.2-ask for examples of food items made using microbes –IRB 225
TEXT CHAPTER: CHAPTER 4 (pages 132-173)	Vertebrates	4.3- list ten animals with and then ten without backbones- IRB 227 4.4-list characteristics shared by all vertebrates- IRB 229
	TEXT LESSON OBJECTIVES:	VOCABULARY:
TODIC: FOUNDATIONS OF LIFE	4.1-Identify the basic structure of cells; Identify similarities and differences in plant	4.1- function, cell, diffusion, nucleus
TOPIC: FOUNDATIONS OF LIFE	and animal cells; Understand how cells work	4.2- compare, thrive, decomposer, microbe, organs
	4.2-Identify basic characteristics of microbes; Recognize different types of microbes;	4.3-adapt, invertebrate, metamorphosis, parasite, vertebrate
	Understand the role of microbes in the environment 4.3- Distinguish between invertebrates and vertebrates; Recognize the basic	4.4-reflex, respond, amphibians, instinct, mammals
SUGGESTED INTEGRATION OF ADDITIONAL TEXT	characteristics of invertebrates; Organize the steps in four stage and three-stage	CTURENT PRODUCT/PROJECT
Achieving TABE Success in Reading, Level D Workbook, pages 67-74, 83, 143-158, 175-178, 201-208	metamorphosis	STUDENT PRODUCT/PROJECT: 21st Century Skill- Critical Thinking and Problem Solving- working in
pages 67-74, 83, 143-158, 175-178, 201-208	4.4- Give characteristics of vertebrates; Explain the difference between warm- and	pairs students interview each other about a hobby or place to visit,
Achieving TABE Success in Reading, Level D Reader,	cold-blooded animals	writing clear factual explanations that are free of opinion- page 136
pages 34-39, 73-80, 89-93		Follow a Multistep Procedure- use a procedural document with
Reading Basics, Intermediate 2 Workbook, pages 30-35,	BEFORE, DURING & AFTER READING STRATEGIES:  Write Contagons for vecabulary that includes an example or evaluation IRP 222	numbered steps (recipe or assembly instructions) to see if a procedure
78-83, 110-115, 142-147, 150-155	Write Sentences- for vocabulary that includes an example or explanation- IRB 223 Study Cards- for vocabulary with definition, pronunciation and sentence-IRB 225	would produce the same results for each person using it- IRB 228, 229
Reading Basics, Intermediate 2 Reader, pages 19-25, 42-	Prefix –in- means "not" changes vertebrate to invertebrate- IRB 227	EXTENSION/ENRICHMENT ACTIVITY:
49, 78-84, 103-110	Set a Purpose for Reading- use KWL chart, skimming text and using headings and	<b>ELL Instruction:</b> use a three-column table to list plant cell, animal cell
Words to Learn By- Expanding Academic Vocabulary,	subheadings to complete the chart- IRB 223  Reread/ Read More Slowly- to complete a chart comparing similarities and	structures and the function of each structure (IRB 224); use main idea
Lesson 18	differences between humans and invertebrates- page 148, IRB 227	graphic organizer to summarize the key characteristics of different
	Analyze Author's Purpose- students determine if author's methods for presenting	kinds of simple organisms (IRB 226); retell the multistep process for
Words to Learn By- Advancing Academic Vocabulary,	information (words or diagrams) make the topic easier to understand- page 159	"Insect Life Stages" on pages 152-153 (IRB 228); discuss common words associated with vertebrates (shrewlike, platypus, kangaroo,
Lesson 15		opossum, marsupial)- (IRB 230)
Workplace Skills, Reading for Information, Lessons 4-6,	ADDITIONAL STRATEGIES:	<b>Extension Activity:</b> research the use of intravenous saline solution to
8-9, 14-16	Support Conclusions - look for supporting evidence while reading -underline textual evidence and circle conclusions – IRB 223	treat dehydration instead of water (IRB 224); use a graphic organizer to
	Compare and Contrast Information- use a Venn diagram to show similarities and	compare how organisms are helpful or harmful to humans (IRB 226);
DIGITAL RESOURCES:	differences between bacteria and viruses- page 143	evaluate two or more sources of information on the impact of an insect
Instruction Targeted for TABE Success , Level D, Reading,	Cite Textual Evidence- compare kinds of evidence investigated by scientists, doctors,	species on humans, citing evidence for economic or medical benefits or
Lessons 3.2, 4.4-4.7, 5.6	police to expand knowledge of the term evidence- IRB 227	damages (IRB 228); classify mammalian pet species as a good or bad pet species with supporting evidence (IRB 230)
Workforce Connects, Reading for Information, Lessons	HOME LEARNING:	per species man supporting evidence (mb 250)
3.4-3.5, 4.1, 4.3-4.4, 5.5-5.6, 6.1	Word Parts- use dictionaries or etymology websites to determine meanings of word	EXIT SLIP:
, , - , , -	parts- IRB 229	Think About Science activities: pages 135, 136, 137, 141, 142, 143, 145,
	Cite Textual Evidence- research yellow fever or other tropical diseases citing textual	149, 150, 152, 153, 157, 158, 159, 161, 162, 163
	evidence to support any conclusions drawn- page 141, IRB 225	
	Write to Learn activities: pages 138, 142, 153, 163	
	Application of Science Practices: pages 172-173	
CCR STANDARDS EMBEDDED IN TEXT:	TABE CORRELATION TO TEXT:	EVALUATION/ASSESSMENT:
CCRA.R.1; CCRA.R.2; CCRA.R.3; CCRA.R.6; CCRA.R.9;	Recall Information- Sequence	In each lesson: Vocabulary Review, Skill Review, Skill Practice
CCRA.R.10	Construct Meaning-Compare/ Contrast; Supporting Evidence; Draw Conclusions	
	Evaluate/ Extend Meaning-Author's Purpose	

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
TEXT: COMMON CORE BASICS, SCIENCE  TEXT CHAPTER: CHAPTER 5 (pages 174-197)  TOPIC: HEREDITY  SUGGESTED INTEGRATION OF ADDITIONAL TEXT Achieving TABE Success in Reading, Level D Workbook, pages 151-158, 167-174, 185-192  Achieving TABE Success in Reading, Level D Reader, pages 73-84  Reading Basics, Intermediate 2 Workbook, pages 30-35, 38-43, 158-163  Reading Basics, Intermediate 2 Reader, pages 19-33, 111-119  Words to Learn By- Advancing Academic Vocabulary, Lessons 8, 9  Workplace Skills, Reading for Information, Lessons 6, 9, 16, 21, 25  DIGITAL RESOURCES: Instruction Targeted for TABE Success , Level D, Reading, Lessons 4.2, 4.6, 5.2  Workforce Connects, Reading for Information, Lessons 4.1, 4.4, 6.1, 6.6, 7.3	CHAPTER TITLE: 5- HEREDITY  LESSON(S) TITLE: 5-1-Genetics; 5.2- Genotypes and Phenotypes  TEXT LESSON OBJECTIVES: 5.1- Relate genes to chromosomes; Identify how traits are passed from parents to offspring; Explain the structure and processes of DNA 5.2- Use a Punnett Square to determine an organism's genotype and phenotype; Explain the relationship between genotype and phenotype; Describe the role of alleles  BEFORE, DURING & AFTER READING STRATEGIES:  Word Analysis- relate the meaning of the historical parts of gene to pangen "all" and gens "kind or offspring"- IRB 231  Map Relationships- make concept maps to determine relationships among the vocabulary words- IRB 233  Summarize Text- read a brief news story aloud while students note details, then ask students to share the details that they recorded, summarizing the article- IRB 231  Base Words- relate the Latin words dominant —"ruling, or governing" and recedere—"to go back, or withdraw" to the terms dominant and recessive- IRB 233  ADDITIONAL STRATEGIES:  Make Predictions- ask students for examples of predictions that they hear or read in daily life (meteorologists make about weather and sportscasters make about the outcome of games), relate to Mendel's pea plant research- page 178, IRB 231, 232  Distinguish Among Reasoned Judgments- when there is too little evidence or conflicting evidence, scientists must apply reason or logic to form conclusions such as a when a doctor determines what is making a patient ill- IRB 233  HOME LEARNING:  21st Century Skill- Initiative and Self-Direction- initiative is the first step toward a goal, with a schedule of checkpoints or tasks that would need self-direction to work independently — students set a goal with a schedule to achieve it- page 180  Write to Learn activities: pages 179, 191  Application of Science Practices: pages 196-197	BELL RINGER: 5.1- discuss prior knowledge of DNA and inheritance of traits (from their parents) and how it is used in forensics, paternity and inheritable disease tests – IRB 231 5.2- ask for a list of an organism's traits or characteristics that are shared with family members (or pet's offspring)- DNA- IRB 233  VOCABULARY: 5.1- dominant, trait, chromosome, genes, genetics, recessive, prediction 5.2- heredity, offspring, allele, genotype, phenotype, Punnett Square, distinguish  STUDENT PRODUCT/PROJECT: Express Scientific Information- after discussing the tools scientists use most often to understand or present complex information (tables, charts, diagrams, lists) students express the ratio of possible allele combinations for pea plant traits- page 186  Extracting Strawberry DNA- page 191  EXTENSION/ENRICHMENT ACTIVITY: ELL Instruction: students retell a text excerpt from the lesson in their own words (IRB 232); students summarize the steps in the investigation for extracting strawberry DNA (page 191) and safety precautions taken (IRB 234)  Extension Activity: develop a flow chart that outlines Gregor Mendel's method for his experiment on pea plants (IRB 232); research and compare other procedures for extracting DNA from a fruit other than strawberries (IRB 234)  EXIT SLIP: Think About Science activities: pages 177, 179, 181, 187, 188, 189, 190
CCR STANDARDS EMBEDDED IN TEXT: CCRA.R.1; CCRA.R.2; CCRA.R.4; CCRA.R.8; CCRA.R.10	TABE CORRELATION TO TEXT:  Construct Meaning-Summary and Paraphrase; Draw Conclusions  Evaluate/ Extend Meaning-Predict Outcomes	EVALUATION/ASSESSMENT: In each lesson: Vocabulary Review, Skill Review, Skill Practice

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
TEVT.	WEEK 6	BELL RINGER:
TEXT: COMMON CORE BASICS, SCIENCE	CHAPTER TITLE: 6- EVOLUTION	6.1- discuss Darwin's evolutionary theory, suggesting traits of a particular kind of organism that enable it to live in its specific
TEXT CHAPTER: CHAPTER 6 (pages 198-235)	<b>LESSON(S) TITLE</b> : 6.1- Biological Evolution; 6.2- Common Ancestry and Cladograms; 6.3- Speciation	environment-IRB 235 6.2- relate understanding of ancestry and relationship between evolution and natural selection, with examples of extinct organisms and
TOPIC: EVOLUTION	TEXT LESSON OBJECTIVES: 6.1- Understand the theory of evolutionary development; Recognize adaptations that enable organisms to survive in their environments; Understand the importance of fossil evidence	factors leading to their extinction- IRB 237 6.3- discuss genetic traits and how they are passed from one generation to the next, and how evolution relates to inherited traits- IRB 239  VOCABULARY:
SUGGESTED INTEGRATION OF ADDITIONAL TEXT Achieving TABE Success in Reading, Level D Workbook, pages 20-44, 67-74, 89-92, 135-142, 175178	<ul> <li>6.2-Describe the purpose of cladistics; Interpret a cladogram; Identify assumptions behind cladistics</li> <li>6.3-Identify different types and causes of speciation; Describe different kinds of evolution</li> </ul>	6.1- evidence, adaptation, evolution, fossil, mutation 6.2-ancestry, assumptions, diverge, cladistics, cladogram, homologous, phylogeny, systematics, taxonomy 6.3-fossil record, gene flow, hierarchy, lineage, continental drift,
Achieving TABE Success in Reading, Level D Reader, pages 5-18, 34-39, 64-72, 77-80	BEFORE, DURING & AFTER READING STRATEGIES: Relate Words- that are unfamiliar to words of concepts already known, using	incipient species, natural selection, speciation  STUDENT PRODUCT/PROJECT:
Reading Basics, Intermediate 2 Workbook, pages 29, 62-67, 69, 78-83, 93, 110-115, 154, 162, 165	concept maps or semantic maps- IRB 235, 239 <b>Respond to Questions-</b> write the word <i>assumption</i> on the board, explaining that it is an unproven belief that the thought is true; then list: <i>clothing, music, artists,</i>	<b>Choral Reading-</b> groups read text on page 200 together, using the same pace, expression and intonation as the rest of the group- IRB 235
Reading Basics, Intermediate 2 Reader, pages 42-49, 78 <sup>.</sup> 84	mathematics, sports, eyeglasses, technology, school and ask for assumptions about each word- IRB 237  Context Clues- in small groups, students search for meaning of boldfaced terms-IRB	Cite Textual Evidence- students select editorials to demonstrate the inclusion of facts as evidence to support the writers' opinions, and what broader questions that are not addressed in the article- IRB 235
Words to Learn By- Advancing Academic Vocabulary, Lessons 5, 6, 15	237  Determine Meaning- of word parts- taxo is Greek base that means "group or rank"	21st Century Skill- Information Literacy- explore the impact of evidence rather than opinion in the continued success of a company- page 212 21st Century Skill- Media Literacy- research the claim that 140 species of
Workplace Skills, Reading for Information, Lessons 1-6, 8-10, 14-15	and <i>-nomy</i> means "to arrange", so <i>taxonomy</i> means to "arrange in groups or classify"- IRB 237	marsupials live in Australia, documenting sources- page 223
DIGITAL RESOURCES: Instruction Targeted for TABE Success, Level D, Reading Lessons 1.1, 2, 3.2, 4.1, 4.7 Workforce Connects, Reading for Information, Lessons 3.1-3.5, 4.1, 4.3-4.4, 5.1, 5.5-5.6	ADDITIONAL STRATEGIES: Identify Hypothesis- as a proposed explanation based on limited evidence- use a flow chart to demonstrate the steps from a hypothesis to a theory- page 202, IRB 236  Determine Central Ideas- use clues such as bulleted lists, titles, subtitles and key words to determine central ideas of text- IRB 239  Analyze Text Structure- or text organization method: description, sequential or chronological arrangement, comparison, cause and effect, presentation of problem	EXTENSION/ENRICHMENT ACTIVITY:  ELL Instruction: students question the importance of each sentence to determine the topic sentence for a paragraph (IRB 236); explain the meaning of the cladogram on page 212 in own words (IRB 238); explain speciation process with examples from the text (page 224, IRB 240)  Extension Activity: summarize Darwin's journey on the HMS Beagle using a map to plot his course along with his discoveries (IRB 236); write research questions based on topics presented on pages 213 and 217 and
	and solution- IRB 239  HOME LEARNING:	present answers along with visuals (IRB 238); research geodynamic models that predict continental movement over the next several hundred million years (IRB 240)
	Integrate Explanations with Visual Representations- develop a family tree showing relationships among members using a graph or diagram- IRB 237 Write to Learn activities: pages 205, 217, 227 Application of Science Practices: pages 233-234	EXIT SLIP: Think About Science activities: pages 201, 203, 204, 212, 215, 216, 221, 223, 225, 227
CCR STANDARDS EMBEDDED IN TEXT: CCRA.R.1; CCRA.R.2; CCRA.R.4; CCRA.R.5; CCRA.R.7; CCRA.R.10	TABE CORRELATION TO TEXT:  Recall Information- Sequence  Construct Meaning-Main Idea; Supporting Evidence Interpret Graphic Information  Words in Context	EVALUATION/ASSESSMENT: In each lesson: Vocabulary Review, Skill Review, Skill Practice

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
TENT	WEEK 7	BELL RINGER:
COMMON CORE BASICS, SCIENCE	CHAPTER TITLE: 7-ENERGY	7.1-discuss the forms of energy used in everyday life (riding a bike, turning on a light)- IRB 241
	LESSON(S) TITLE: 7.1- Energy; 7.2- Waves; 7.3- Electricity and Magnetism	7.2- discuss students' prior knowledge about waves, e.g. ocean, radio, light, sound waves- IRB 243
TEXT CHAPTER: CHAPTER 7 (pages 236-257)	TEXT LESSON OBJECTIVES:	7.3- invite students to discuss what they rely upon electricity to do each day and the source of that electricity- IRB 245
	7.1- Define energy; Differentiate between kinetic and potential energy; Recognize different types of energy and energy transformations	
TOPIC: ENERGY	7.2- Relate the characteristics of a wave to the electromagnetic spectrum; Compare	VOCABULARY: 7.1- contract, efficient, energy, expand, law of conservation of energy,
	low-energy and high-energy waves; Describe the visible spectrum 7.3- Discuss how electric current is produced and used; Identify parallel and series	transformation
SUGGESTED INTEGRATION OF ADDITIONAL TEXT	circuits; Describe an electromagnet and how it works	7.2- frequency, electromagnetic spectrum, prism, reflect, refract, ultraviolet
Achieving TABE Success in Reading, Level D Workbook,	BEFORE, DURING & AFTER READING STRATEGIES:	7.3- magnets, circuit, electricity, electromagnet, generator, resistance,
pages 20-44, 135-142, 151-158, 175-178	Multiple-Meaning Words- use 2 different sentences for the meanings of term	interpret
Achieving TABE Success in Reading, Level D Reader, pages 5-18, 64-80	contract to explain multiple-meaning words- IRB 241  Determine the Central Idea of a Text- using headings, subheadings and captions-	STUDENT PRODUCT/PROJECT:
	page 239	<b>Draw Conclusions-</b> as a group discuss what it means to draw a conclusion (statement or explanation based on specific facts or details)
Reading Basics, Intermediate 2 Workbook, pages 30-35, 62-67, 69,, 93, 110-115, 165	Syllables- divide vocabulary into syllables, looking for base words and prefixes or suffixes- IRB 243	then apply this method to why sonar is an effective method for mapping
Reading Basics, Intermediate 2 Reader, pages 19-25, 78-	Cite Textual Evidence- use a three-column chart (labeled high-energy waves, visible	the ocean floor- page 248, IRB 243
84	spectrum, low-energy waves)to list characteristics and examples of each type of	Write to Learn activities: pages 240, 248, 255
Words to Learn By- Building Academic Vocabulary,	wave- page 245-246, IRB 243  Possible Sentence- write sentences for vocabulary (used both correctly and	EXTENSION/ENRICHMENT ACTIVITY:
Lessons 1, 9	incorrectly) and exchange and identify the correct sentences- IRB 245	<b>ELL Instruction:</b> in teams students read and explain the sections on page 240( IRB 242); use a word web to represent a conclusion and supporting
Words to Learn By- Expanding Academic Vocabulary,	ADDITIONAL STRATEGIES:	details from a text (IRB 244); read text on page 254 and compare to
Lessons 12, 17, 20	<b>Determine Meaning-</b> two words may have different meanings while the concepts	diagram, then try building simple circuits- IRB 246  Extension Activity: students draw a diagram showing the differences
Words to Learn By- Advancing Academic Vocabulary,	are related- IRB 241  Determine Meaning of Symbols- scientists use numbers and letters as symbols,	between conduction, convection and radiation (IRB 242); create a poster
Lesson 12	which are listed in a caption next to a diagram- page 253, IRB 245	that categorizes objects by their opacity (IRB 244); investigate different causes of power surges and explain what happens during a power-surge
Workplace Skills, Reading for Information, Lessons1-3, 6-7, 9, 11, 16, 24	<b>Understand Text</b> - strategies include skim headings, examine visuals, define boldface terms, read in short chunks, summarize important details- IRB 245	event (IRB 246)
0 7, 3, 11, 10, 2 7	·	EMIZ CUB
DIGITAL RESOURCES:	HOME LEARNING: 21st Century Skill- Flexibility and Adaptability- research examples of flexibility and	EXIT SLIP: Think About Science activities: pages 240, 247, 254
Instruction Targeted for TABE Success , Level D, Reading,	adaptability in their own lives or in a historical situation- page 239	
Lessons 2, 4.1, 4.6, 4.7	Write to Learn activities: pages 240, 248, 255	
Workforce Connects, Reading for Information, Lessons3.1-3.3, 4.1-4.2, 4.4, 5.2, 6.1, 7.2		
CCR STANDARDS EMBEDDED IN TEXT:	TABE CORRELATION TO TEXT:	EVALUATION/ASSESSMENT:
CCRA.R.1; CCRA.R.2; CCRA.R.4; CCRA.R.10	Words in Context	In each lesson: Vocabulary Review, Skill Review, Skill Practice
	Construct Meaning-Main Idea; Draw Conclusions; Supporting Evidence	
		1

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
TEXT: COMMON CORE BASICS, SCIENCE  TEXT CHAPTER: CHAPTER 7 (pages 258-281)  TOPIC: ENERGY  SUGGESTED INTEGRATION OF ADDITIONAL TEXT Achieving TABE Success in Reading, Level D Workbook, pages 67-74, 185-192, 201-208, 213-220  Achieving TABE Success in Reading, Level D Reader, pages 34-39, 81-84, 89-93  Reading Basics, Intermediate 2 Workbook, pages 78-83, 142-147, 158-163  Reading Basics, Intermediate 2 Reader, pages 42-49, 111-119  Workplace Skills, Reading for Information, Lessons 4-5, 8-9, 14-15, 19  DIGITAL RESOURCES: Instruction Targeted for TABE Success, Level D, Reading, Lessons 3.2, 5.2, 5.6  Workforce Connects, Reading for Information, Lessons 3.4-3.5, 4.3-4.4, 5.5-5.6, 6.4	WEEK 8  CHAPTER TITLE: 7-ENERGY  LESSON(S) TITLE: 7.4-Sources of Energy; 7.5- Endothermic and Exothermic Reactions  TEXT LESSON OBJECTIVES: 7.4- Compare and contrast different sources of energy; Distinguish between renewable and nonrenewable resources 7.5- Recognize endothermic and exothermic reactions; Relate changes in energy to endothermic and exothermic reactions  BEFORE, DURING & AFTER READING STRATEGIES: Relate Terms- use a three-column tally table (labeled never heard or read it, heard it but never used it, used it) to determine level of familiarity with terms- IRB 247  Predict Meanings- read aloud each vocabulary word in a sentence and ask students to predict the meaning of the word- IRB 249  Word Analysis- prefix hydro- (Greek hudor meaning water) found in hydropower, hydroelectric and hydraulic- IRB 248  Suffixes: -ity, -al, -ly used on dense (density), origin (original), potential (potentially), and apply to gravitation and probable- IRB 268  ADDITIONAL STRATEGIES: Analyze an Author's Purpose- review conflicting statements about "wind turbine syndrome" for the authors' specific point of view and purpose- page 260  Analyze Text Structure- identify how text is organized (description, sequential or chronological, cause-and-effect, problem-solution)- IRB 247  Make Predictions- use the example of a weather change to demonstrate how scientists use prior experience and knowledge to make predictions about what will happen during an investigation- IRB 249  HOME LEARNING: Follow a Multistep Procedure- research the instructions for making a chemical reaction ("hot ice") with each step followed exactly to get reliable results- page 272  Write to Learn activities: pages 266, 273  Application of Science Practices: pages 280-281	BELL RINGER:  7.4- students discuss energy-related topics that they hear on the news and their dependence on energy and sources of energy- IRB 247  7.5- use a cup of steaming cocoa to explain the transfer of heat from an area of greater to lesser thermal energy- IRB 249  VOCABULARY:  7.4- crowdsourcing, nonrenewable, renewable, reservoir, biomass, energy density, magma, nuclear fission  7.5- catalyst, chemical reaction, compounds, potential energy, product, reactant, activation energy, endothermic, exothermic  STUDENT PRODUCT/PROJECT:  21 <sup>st</sup> Century Skill- Information Literacy- students summarize the purposes and advantages of crowdsourcing and why it might be helpful in the workplace (creativity, expense, collaborations)- page 262  Write to Learn activities: pages 266, 273  EXTENSION/ENRICHMENT ACTIVITY:  ELL Instruction: students explain each of the diagrams in the lesson (IRB 248); students describe each step in a process that they know how to do well (IRB 250)  Extension Activity: students research a problem related to energy sources or consumption and offer a solution (IRB 248); students compose explanations of chemical reactions for young students using age-appropriate examples (IRB 250)  EXIT SLIP:  Think About Science activities: pages 259, 261, 263, 270, 271, 272, 273
CCR STANDARDS EMBEDDED IN TEXT: CCRA.R.1; CCRA.R.3; CCRA.R.5; CCRA.R.6; CCRA.R.10	TABE CORRELATION TO TEXT:  Recall Information- Sequence Evaluate/ Extend Meaning-Predict Outcomes; Author's Purpose	EVALUATION/ASSESSMENT: In each lesson: Vocabulary Review, Skill Review, Skill Practice

	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
TEXT AND CCR STANDARDS		
TEXT AND CCR STANDARDS  TEXT: COMMON CORE BASICS, SCIENCE  TEXT CHAPTER: CHAPTER 8 (pages 282-301)  TOPIC: WORK, MOTION, AND FORCES  SUGGESTED INTEGRATION OF ADDITIONAL TEXT Achieving TABE Success in Reading, Level D Workbook, pages 75-82, 135-142, 159-166, 193-200  Achieving TABE Success in Reading, Level D Reader, pages 40-43, 64-72, 77-88  Reading Basics, Intermediate 2 Workbook, pages 22-27, 46-51, 62-67, 166-171  Reading Basics, Intermediate 2 Reader, pages 10-18, 34-41, 120-128  Workplace Skills, Reading for Information, Lessons 1, 6, 16-17, 20, 24  DIGITAL RESOURCES: Instruction Targeted for TABE Success , Level D, Reading, Lessons 2, 3.1, 4.1, 4.3, 5.1  Workforce Connects, Reading for Information, Lessons 3.1, 4.1, 6.1-6.2, 6.5, 7.2	WEEK 9  CHAPTER TITLE: 8- WORK, MOTION, AND FORCES  LESSON(S) TITLE: 8.1- Newton's Laws of Motion; 8.2- Forces and Machines  TEXT LESSON OBJECTIVES: 8.1- Apply the characteristics of speed, velocity and acceleration to describe motion; Apply Newton's Laws of Motion to describe the motion of familiar objects 8.2- Define work; Describe the relationship between forces and work; Identify simple machines and compound machines  BEFORE, DURING & AFTER READING STRATEGIES: Latin Origins- motio(n-) "to move" in the term motion, velocitas- "swift" as the base of velocity- IRB 251  Syllables- break terms into syllables (equilibrium) to help sound out words- IRB 253  Determine the Central Idea of a Text- students identify the "big" idea or main point as they read to aid in understanding the text- page 285, IRB 251  Use Prior Knowledge- use self-questioning models, (such as Have I read about this topic before? Does this sound familiar?) to create a context or framework of known information- page 286, IRB 252  ADDITIONAL STRATEGIES:  Determine Meaning of Terms- review the meanings of terms in the context of a specific text, such as physical science (force = mass x acceleration)-IRB 251  Distinguish Between Facts and Speculation- define speculation as a conclusion or opinion reached by conjecture, and use questions to determine if facts are being given (Can the statement be proved? Is the statement free of words that express beliefs and feelings? Is the statement based on data?)- IRB 253, page 291  HOME LEARNING:  Write to Learn activities: pages 287, 293  Application of Science Practices: pages 300-301	BELL RINGER:  8.1- discuss the motion of familiar objects (skateboards, bicycles, cars) and what is required to make them turn, speed up, slow down, and stop-IRB 251  8.2- discuss the need for force to move an object- IRB 253  VOCABULARY:  8.1- acceleration, distance, motion, speed, inertia, velocity  8.2- force, friction, compound machine, equilibrium, simple machine, distinguish  STUDENT PRODUCT/PROJECT:  Distinguish Cause and Effect- students develop charts with a listing of machines and the cause-effect relationship between force (cause) and work (effect)- page 293  Ask Questions- students write a question they have about the text, then trade questions and look for the answers in the lesson- IRB 254  EXTENSION/ENRICHMENT ACTIVITY:  ELL Instruction: ask students to explain to their partner something they know such as the proper way to prepare for an activity with the partner identifying the main idea of the procedure (IRB 252); list cause- and-effect events from their lives (IRB 254)  Extension Activity: choose examples that demonstrate each of Newton's Laws of Motion including the steps for performing it (IRB 252); find and label images of simple and compound machines (IRB 254)  EXIT SLIP:  Think About Science activities: pages 286, 292, 294
CCR STANDARDS EMBEDDED IN TEXT: CCRA.R.2; CCRA.R.3; CCRA.R.4; CCRA.R.8; CCRA.R.10	TABE CORRELATION TO TEXT: Recall Information- Stated Concepts Evaluate/ Extend Meaning- Fact / Opinion Construct Meaning- Main Idea; Cause/ Effect Words in Context	EVALUATION/ASSESSMENT: In each lesson: Vocabulary Review, Skill Review, Skill Practice

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
TEXT:	WEEK 10	BELL RINGER:
COMMON CORE BASICS, SCIENCE	CHAPTER TITLE: 9- CHEMICAL PROPERTIES	9.1- discuss the different forms water can take, recognizing that water is matter and exists in different forms (ice, steam, liquid)- IRB 255
	LESSON(S) TITLE: 9.1- Matter; 9.2- The Atoms; 9.3- Compounds and Molecules	9.2- examine the Periodic Table on page s 316-317 asking students to
TEXT CHAPTER: CHAPTER 9 (pages 302-325)	TEXT LESSON OBJECTIVES:	identify familiar elements- IRB 257 9.3- discuss prior knowledge of atoms and their electrons- what happens
	9.1- Recognize the four different states of matter; Distinguish between chemical and	when an atom loses or gains an electron- IRB 259
TOPIC: CHEMICAL PROPERTIES	physical properties and changes; Explain the relationship between energy and states of matter	VOCABULARY:
	9.2- Describe the structure of an atom; Identify the properties of the elements using	9.1- simulation, chemical property, element, matter, physical property, state of matter, conclusion
	the periodic table of the elements  9.3- Explain how individual atoms interact to form compounds; Compare and	9.2-model, neutral, table, atom, electron, neutron, proton
SUGGESTED INTEGRATION OF ADDITIONAL TEXT Achieving TABE Success in Reading, Level D Workbook,	contrast different types of chemical bonds; Communicate the structure of molecules	9.3-bonding, compound, formula, symbol, molecule, cause, effect
pages 89-92, 143-158, 175-178	using chemical formulas	STUDENT PRODUCT/PROJECT:
Achieving TABE Success in Reading, Level D Reader,	BEFORE, DURING & AFTER READING STRATEGIES:	<b>Draw Conclusions</b> - in small groups students use background knowledge to categorize a list of changes as either chemical or physical- page 307
pages 73-80	Connect to Life Experiences- compare the word simulation to online simulation games as a model of an action, object, or event in real life- IRB 255	Apply Scientific Models- students use small round objects to model the
Reading Basics, Intermediate 2 Workbook, pages 30-35, 110-115, 150-155	Label the Model- of the Bohr model of the atom (page 312) using vocabulary terms-	parts of an atom- page 313
·	IRB 257  Identify a Formula- share examples of formulas students have used, including how a	EXTENSION/ENRICHMENT ACTIVITY:
Reading Basics, Intermediate 2 Reader, pages 19-25, 78-84, 103-110	recipe is an example of a formula- IRB 259	<b>ELL Instruction:</b> review concept maps to explain connections between content of the lesson (IRB 256); use an interactive periodic table to learn
Words to Learn By- Building Academic Vocabulary,	<b>Roots</b> - Latin root <i>nucula</i> "kernel" in <i>nucleus</i> , and how the word is used in other contexts- IBR 257	about the elements and their properties (IRB 258); use diagrams on
Lessons 5, 19		pages 320, 322, 323 to review meanings of letters, symbols and signs (IRB 260)
Words to Learn By- Expanding Academic Vocabulary,	ADDITIONAL STRATEGIES:  Compare and Contrast Information- use a Venn diagram to compare two items (two	<b>Extension Activity:</b> research online for examples of science experiments
Lessons 1, 5, 18	kinds of vehicles, or animals) summarizing similarities and differences- IRB 255	that demonstrate changes of state, then follow the procedure and summarize their findings (IRB 256); design a game to help younger
Words to Learn By- Advancing Academic Vocabulary, Lessons 1, 16	Cite Textual Evidence- after identifying a paragraph's main idea sentence, the remaining sentences contain factual details or textual evidence- page 313	learners learn about the relationship between atomic number and
,	Understand Text- use the signal words for cause-and-effect (since, because, so,	chemical and physical properties of elements (IRB 258); create models of each bond (ionic, covalent, polar covalent and hydrogen bonds)- IRB 260
Workplace Skills, Reading for Information, Lessons 6, 9, 11, 16	consequently, thus, therefore)- IRB 259  Determine Meaning of symbols used to identify the elements- page 323	cast some (tomb) condition, point conditions and mystrogen somes, mis 250
	HOME LEADNING.	
DIGITAL RESOURCES:	HOME LEARNING:  21 <sup>st</sup> Century Skill- Critical Thinking and Problem Solving- research online for	EXIT SLIP:
Instruction Targeted for TABE Success , Level D, Reading, Lessons 1, 4.4-4.7	Mendeleyev's (Mendeleev) original periodic table and how the elements were	Think About Science activities: pages 206, 307, 314, 315, 323
Workforce Connects, Reading for Information, Lessons	discovered- page 315  Write to Learn activities: pages 308, 315, 323	
4.1, 4.4, 5.2, 6.1		
CCR STANDARDS EMBEDDED IN TEXT:	TABE CORRELATION TO TEXT:	EVALUATION/ASSESSMENT:
	Interpret Graphic Information	In each lesson: Vocabulary Review, Skill Review, Skill Practice
CCRA.R.1; CCRA.R.2; CCRA.R.3; CCRA.R.4; CCRA.R.7; CCRA.R.9; CCRA.R.10	Construct Meaning- Compare and Contrast; Draw Conclusions; Supporting Evidence	

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
TEXT:	WEEK 11	BELL RINGER:
COMMON CORE BASICS, SCIENCE	CHAPTER TITLE: 9- CHEMICAL PROPERTIES	$9.4$ - write $2H_2O$ and $2NH_3$ on the board and have students identify which digits represent the number of molecules and atoms- IRB 261
	LESSON(S) TITLE: 9.4- Chemical Reactions and Solutions; 9.5- The Chemistry of Life;	9.5- use the image of a food label to discuss fats, carbohydrates and proteins- IRB 263
TEXT CHAPTER: CHAPTER 9 (pages 326-355)	9.6-Chemical Equations	9.6- ask students to define the terms <i>molecule</i> and <i>compound</i> and their
	TEXT LESSON OBJECTIVES:  9.4- Recognize a balanced chemical equation; Understand and apply the law of	connections to physical and chemical properties- IRB 265
TOPIC: CHEMICAL PROPERTIES	conservation of matter; Identify different types of solutions	VOCABULARY: 9.4- acid, balanced, base, solution, equation, law of conservation of
	9.5- Understand the importance of organic chemistry; Identify the advantages and disadvantages of using hydrocarbons; Describe the four groups of organic	matter 9.5- protein, biomolecules, carbohydrates, distillation, hydrocarbons,
SUGGESTED INTEGRATION OF ADDITIONAL TEXT Achieving TABE Success in Reading, Level D Workbook,	compounds found in living things  9.6-Balance a chemical equation; Identify types of chemical reactions	lipids, organic chemistry, polymer, replicate
pages 89-92, 135-150, 201-208	BEFORE, DURING & AFTER READING STRATEGIES:	9.6- combust, chemical equilibrium, decomposition reaction, double replacement reaction, net forward reaction, reversible reaction, single
Achieving TABE Success in Reading, Level D Reader,	Flash Cards- write the definitions of words already known on flash cards, adding the	replacement reaction, stoichiometric coefficient, synthesis reaction
pages 64-76, 89-93	unknown term definitions as the lesson progresses- IRB 261  Word Map- use the term as the center of the word map, adding definition,	STUDENT PRODUCT/PROJECT: Compare and Contrast Information- construct or draw a model of what
Reading Basics, Intermediate 2 Workbook, pages 62-67, 142-147, 150-155	classifying information, examples and sentences as the lesson progresses- IRB 263 <b>Predict Meanings</b> - use the definition of the term <i>reaction</i> (the act or moment of	happens when a solute dissolves in a solution and compare with the text
Reading Basics, Intermediate 2 Reader, pages 103-110	reacting or changing in response to a stimulus) to define the terms that contain	version of the process- page 329 <b>Determine Central Ideas-</b> as a class locate the thesis statement (main
Words to Learn By- Building Academic Vocabulary,	reaction- IRB 265  Word Forms- the Latin root solutus (to loosen, untie, solve, dissolve) of solution,	argument or idea) in the sidebar activity- page 344
Lesson 20	solute and solvent tie to the meanings of the terms- IRB 262  Use Context Clues- in text to explain the term complex carbohydrate- IRB 264	EXTENSION/ENRICHMENT ACTIVITY: ELL Instruction: use text to define boldface words in lesson (IRB 262);
Workplace Skills, Reading for Information, Lessons 1-3, 6	ADDITIONAL STRATEGIES:	review prefixes bio-, poly-, carbo-, and hydro- as used in biomolecule,
DIGITAL RESOURCES:	Analyze Structure- compound word photosynthesis (photo-"light", and synthesis-	polymer, carbohydrate, hydrocarbon (IRB 264); use own words to interpret the diagram on page 342, including the sequence of steps (IRB
Instruction Targeted for TABE Success , Level D, Reading, Lessons 1, 2, 4.1, 4.4-4.5, 5.6	"out together, combine")- IRB 261  Understand Text- search online for visual explanations of the "fractional distillation	266)  Extension Activity: formulate a procedure for making an electrolyte
Workforce Connects, Reading for Information, Lessons	of hydrocarbons" and discuss how water is distilled-page 333  Analyze Author's Purpose- discuss how to rewrite the last sentence on page 335 to	solution, and acid solution, an alkaline solution of a salt (IRB 262);
3.1-3.3, 4.1	make the author's purpose informational rather than persuasive- IRB 264  Interpret Information in Text and Graphical Form- use the diagrams on pages 341	interview a dietician or nutritionist about the benefits and problems of including fats in the diet (IRB 264); identify two sources of information
	and 342 to extend and restate the accompanying text- IRB 266	that explain the environmental consequences of the production of nitric oxide (IRB 266)
	HOME LEARNING:	EXIT SUP:
	21st Century Skill- Leadership and Responsibility- research the USDA's current recommendations for the amounts of nutrients to maintain good health- page 334	Think About Science activities: pages 328, 329, 334, 341, 343
	Write to Learn activities: pages 329, 334, 345	
CCR STANDARDS EMBEDDED IN TEXT:	Application of Science Practices: pages 353-354  TABE CORRELATION TO TEXT:	EVALUATION/ASSESSMENT:
CCRA.R.2; CCRA.R.3; CCRA.R.4; CCRA.R.6; CCRA.R.7;	Interpret Graphic Information	In each lesson: Vocabulary Review, Skill Review, Skill Practice
CCRA.R.10	Construct Meaning- Compare and Contrast; Main Idea Evaluate and Extend Meaning- Author's Purpose	
	Words in Context	

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
TEXT: COMMON CORE BASICS, SCIENCE  TEXT CHAPTER: CHAPTER 10 (pages 356-379)  TOPIC: EARTH AND LIVING THINGS  SUGGESTED INTEGRATION OF ADDITIONAL TEXT Achieving TABE Success in Reading, Level D Workbook, pages 67-74, 143-158, 185-192  Achieving TABE Success in Reading, Level D Reader,	CHAPTER TITLE: 10- EARTH AND LIVING THINGS  LESSON(S) TITLE: 10.1- Cycles of Matter; 10.2- Fossil Fuels  TEXT LESSON OBJECTIVES: 10.1- Define a biogeochemical cycle; Identify five kinds of biogeochemical cycles 10.2- Identify fossil fuels; Explain the processes by which fossil fuels formed; Describe environmental consequences of using fossil fuels  BEFORE, DURING & AFTER READING STRATEGIES: Relate Word Parts- relate Greek bios-"the course of human life" geo-"earth" and chem- from khemeioa-"alchemy" combine to form biogeochemical- IRB 267 Relate Terms into 2 categories (Energy, Global Warming and Pollution) – IRB 269 Suffix –vore (from Latin vorare- "to swallow up or to devour"), Prefixes carn- (Latin	BELL RINGER:  10.1- determine how much students recall about the ways in which living things are connected to their environments and the manner in which nutrients are recycled- IRB 267  10.2- students mention the kinds of energy used daily and the dependence on energy and fossil fuels- IRB 269  VOCABULARY:  10.1-producers, weathering, algae, biogeochemical cycle, detritivore, nitrogen fixers, nutrient  10-2- acid rain, ozone, petroleum, smog, toxins, biofuel, hydrocarbons, particulates  STUDENT PRODUCT/PROJECT: Compare and Contrast Information- use Venn diagrams to compare information from contrasting sources on the same topic in order to find accurate information- page 372
pages 34-39, 73-76, 81-84  Reading Basics, Intermediate 2 Workbook, pages 30-35, 78-83, 150-155, 158-163  Reading Basics, Intermediate 2 Reader, pages 19-25, 42-49, 103-119  Words to Learn By- Expanding Academic Vocabulary, Lesson 12  Workplace Skills, Reading for Information, Lessons 4-6, 8-9, 14-16  DIGITAL RESOURCES: Instruction Targeted for TABE Success, Level D, Reading, Lessons 3.2, 4.4-4.6, 5.2  Workforce Connects, Reading for Information, Lessons 3.4-3.5, 4.1, 4.3-4.4, 5.5-5.6, 6.1	caro-"meat"), herb-, omni-, detri- apply these meanings to the terms herbivore, omnivore, detritivore- IRB 267  Base words- petra (Latin-"rock"), oleum (Latin-"oil") as petroleum- IRB 269  ADDITIONAL STRATEGIES:  Follow a Multistep Procedure- insure accurate measurements while following the procedure for analyzing the decomposition rate of rubber latex balloons- page 359  Make Predictions- scientists predict what they expect to happen during an experiment based on what they already know- answer why CDCL isn't more widely used in coal-fired power plants- page 371  Draw Conclusions- about the evidence in the text (page 358) combined with prior knowledge and experience about pizza boxes and other familiar packaging materials-page 358  HOME LEARNING: 21st Century Skill- Information, Communication and Technology Literacy-investigate the places on Earth that have a high concentration of oil and find out the reasons why- page 369  Write to Learn activities: pages 362, 374  Application of Science Practices: pages 378-379	Write to Learn activities: pages 362, 374  EXTENSION/ENRICHMENT ACTIVITY: ELL Instruction: explain one of the cycles discussed in the lesson using the diagram to coach steps (IRB 268); ask students to retell the information that they found most interesting (IRB 270)  Extension Activity: interpret information from a graph summarizing water-use data in local area or state (IRB 268); investigate how biofuels have been applied both successfully and unsuccessfully as alternative fuels (IRB 270)  EXIT SLIP: Think About Science activities: pages 359, 363, 365, 369, 370, 372
CCR STANDARDS EMBEDDED IN TEXT: CCRA.R.1; CCRA.R.2; CCRA.R.3; CCRA.R.9; CCRA.R.10	TABE CORRELATION TO TEXT: Construct Meaning- Compare and Contrast; Draw Conclusions Evaluate and Extend Meaning- Predict Outcomes Recall Information- Sequence	EVALUATION/ASSESSMENT: In each lesson: Vocabulary Review, Skill Review, Skill Practice

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
	WEEK 13	BELL RINGER:
TEXT: COMMON CORE BASICS, SCIENCE	CHAPTER TITLE: 11- EARTH	11.1- discuss the processes that form rocks (igneous, sedimentary, metamorphic)- IRB 271
TEXT CHAPTER: CHAPTER 11 (pages 380-407)	LESSON(S) TITLE: 11.1- Geology; 11.2- Oceanography; 11.3- Meteorology	11.2- ask students what they have read or heard about underwater explorations or the discovery of shipwrecks, leading into aspects of oceans and ocean life- IRB 273
(10.00000)	TEXT LESSON OBJECTIVES:	11.3- discuss the weather at the moment and recent weather trends
TOPIC: EARTH	11.1- Describe the structure of Earth; Relate movement of Earth's crust to geologic activity; Describe the three main types of rock and how they change in the rock cycle	including extreme weather conditions- IRB 275
	11.2- Identify Earth's major oceans and the features of the ocean floor; Recognize	VOCABULARY: 11.1- igneous, inner core, metamorphic, outer core, rock cycle,
	the effects of ocean currents and waves	sedimentary
SUGGESTED INTEGRATION OF ADDITIONAL TEXT Achieving TABE Success in Reading, Level D Workbook,	11.3-Identify the factors that cause weather; Explain how winds form; Describe major storms and their causes	11.2- current, pattern, continental shelf, ecological succession, mid- ocean ridge
pages 89-92, 135-142, 193-200	BEFORE, DURING & AFTER READING STRATEGIES:	11.3- forecast, humidity, weather, wind, air pressure, greenhouse effect,
Achieving TABE Success in Reading, Level D Reader, pages 64-72, 81-88	<b>Relate Word Parts</b> - use the Greek word parts <i>mets</i> (change) and <i>morphe</i> (form or shape) plus suffix –ic (taking the form of or relating to) to define the term	meteorology
	metamorphic- IRB 271	STUDENT PRODUCT/PROJECT:
Reading Basics, Intermediate 2 Workbook, pages 62-67,	Illustrate a Word- from the vocabulary list and use in a sentence- IRB 273	<b>Apply Scientific Models</b> - create a model of the rock cycle, with some of the steps that can move in either direction- page 387, IRB 272; research
154, 162, 166-171	Context Clues- use the weather pages from the newspaper or online to determine the meaning of the vocabulary terms- IRB 275	models used by meteorologists to predict weather- page 398, IRB 276
Reading Basics, Intermediate 2 Reader, pages 120-128	Make Connections- between diagram of the Ocean Zones and the names of the	Write to Learn activities: pages 386, 394, 399
Words to Learn By- Expanding Academic Vocabulary,	zones- pages 390 and 392	EXTENSION/ENRICHMENT ACTIVITY:
Lesson 5	Comprehension- encourage students to ask questions while reading text such as "I wonder" and "What does the author mean by"- IRB 275	<b>ELL Instruction:</b> students work in pairs to pronounce and define terms
Words to Learn By- Advancing Academic Vocabulary, Lesson 8	ADDITIONAL STRATEGIES:	from the lesson (IRB 272); use diagrams of ecological succession on land and in lakes and ponds (IRB 274); describe the topics identified in the
	Integrate Text and Visuals- use a two-column chart (labeled text, visuals) to record	titles and subtitles on pages 398-399 (IRB 276)
Workplace Skills, Reading for Information, Lessons 6, 16	impressions of a text then reactions to images of the same event and compare how both methods improve the understanding of the content- IRB 271, page 385	<b>Extension Activity:</b> research the distribution and strength of earthquakes around the world (IRB 272); research ecological succession
DIGITAL RESOURCES:	<b>Determine Central Ideas</b> - use the title and visuals of the text "Currents" to aid in	within the local community (IRB 274); gather weather data for seven
Instruction Targeted for TABE Success , Level D, Reading,	determining the central idea of the text- page 393, IRB 274	consecutive days and organize in charts and graphs (IRB 276)
Lessons 1.1, 4.1, 5.1	Distinguish Between Facts and Speculation- facts are information that is true or	
Workforce Connects, Reading for Information, Lessons	indisputable and can be proven, while speculation uses information that may or may not be true to form a conclusion- apply to the text on page 399- IRB 275, 276	EXIT SLIP: Think About Science activities: pages 383, 387, 392, 393, 399
4.1, 6.1	HOME LEARNING:	
	21st Century Skill- Flexibility and Adaptability-imagine planning a camping trip with	
	friends and how adaptability and flexibility are needed as they choose destination,	
	travel dates and methods of transportation- page 392, IRB 274	
	Write to Learn activities: pages 386, 394, 399	
	Application of Science Practices: pages 406-407	
CCR STANDARDS EMBEDDED IN TEXT:	TABE CORRELATION TO TEXT:	EVALUATION/ASSESSMENT:
CCDA D 2. CCDA D A. CCDA D 7. CCDA D 0. CCDA D 40	Construct Meaning- Main Idea	In each lesson: Vocabulary Review, Skill Review, Skill Practice
CCRA.R.2; CCRA.R.4; CCRA.R.7; CCRA.R.8; CCRA.R.10	Evaluate and Extend Meaning- Fact / Opinion	
	Interpret Graphic Information	

TEXT AND CCR STANDARDS	UNIT DESCRIPTIONS AND ASSESSMENT STANDARDS	COMPONENTS OF EFFECTIVE INSTRUCTION
TEXT: COMMON CORE BASICS, SCIENCE  TEXT CHAPTER: CHAPTER 12 (pages 408-435)  TOPIC: THE COSMOS  SUGGESTED INTEGRATION OF ADDITIONAL TEXT Achieving TABE Success in Reading, Level D Workbook, pages 21-44, 105-108, 151-158, 175-178, 201-208  Achieving TABE Success in Reading, Level D Reader, pages 5-18, 44-48, 73-80, 89-93  Reading Basics, Intermediate 2 Workbook, pages 29-35, 69, 93-99, 110-115, 142-147, 165  Reading Basics, Intermediate 2 Reader, pages 19-25, 59-67, 78-84  Words to Learn By- Expanding Academic Vocabulary, Lessons 3, 11, 15  Words to Learn By- Advancing Academic Vocabulary, Lessons 1, 13  Workplace Skills, Reading for Information, Lessons 6-7, 9, 13, 16, 24  DIGITAL RESOURCES: Instruction Targeted for TABE Success , Level D, Reading, Lessons 1.3, 2, 4.6-4.7, 5.6	WEEK 14  CHAPTER TITLE: 12- THE COSMOS  LESSON(S) TITLE: 12.1- Earth's Origins; 12.2- Origins of the Universe; 12.3- The Milky Way and the Solar System; 12.4- Earth and the Moon  TEXT LESSON OBJECTIVES:  12.1- Describe the unique characteristics of Earth that allow it to sustain life; Sequence events in the development of Earth and the Moon  12.2- Describe the big band theory; Discuss the origins of the elements that make up Earth  12.3-Describe the Milky Way galaxy; Identify the objects that make up the solar system; Understand the definition of a planet  12.4-Relate Earth's motion to day and night and to the seasons; Discuss the characteristics that make Earth habitable for living things; lidentify the interactions between the Earth, Sun, and Moon that cause the phases of the Moon and tides  BEFORE, DURING & AFTER READING STRATEGIES:  Relate Words- to those known and those with multiple meanings (mantle)- IRB 277; link asteroid to astronaut, astronomy, astrology and asterisk-IRB 281  Multiple-Meaning Words- nebula (Latin-"mist, fog, smoke, vapor") is a cloud of gas and dust, while the form nebulous is an adjective- IRB 279  Suffixestion changes action words into nouns- IRB 283  Understand Science Texts- remind students that science texts are written to inform and to explain and require a different style of reading than fiction-page 411, IRB 277  Analyze Author's Purpose- differentiate between sections of passage on page 419 that are informative and those that are entertaining- IRB 281  ADDITIONAL STRATEGIES:  Identify Hypothesis- use a 3 box flow chart (Origins of Earth's Water, hypothesis, then descriptions of the investigations of hypothesis)- page 412, IRB 278  Determine and Evaluate Conclusions- inference might be needed when there is missing information, and be reevaluated as new evidence is discovered- IRB279, 281	BELL RINGER:  12.1- ask students to recall what they know about how the Earth was formed using a KWL chart- IRB 277  12.2- determine the students' understanding of the enormous energy that leads to the birth of stars (crashing nebula)0- IRB 279  12.3- ask what a star and a planet are, and the components of the Milky Way and the Solar System- IRB 281  12.4- build a concept map as a class with the word Earth in the center, adding as many connections as possible- IRB 283  VOCABULARY:  12.1- habitable, mantle, nebula, comprehension  12.2-assumption, light-year, nebula, supernova  12.3-criteria, asteroid, comet, galaxy, satellite, solar system, bias  12.4- interactions, revolution, rotation, tides, habitable, phase  STUDENT PRODUCT/PROJECT:  Cite Textual Evidence- read the page on page 425 as a class, identifying the statement that establishes the main idea and those that provide supporting evidence- IRB 283  Apply Scientific Models- in small groups, do an online search for models of the big bang- IRB 279; of the lunar cycle- IRB 284  EXTENSION/ENRICHMENT ACTIVITY:  ELL Instruction: practice pronunciation of multisyllable words (IRB 278); explain vocabulary (light-year, nebula, supernova) in own words (IRB 284); use sample sentences to establish the difference between fact and opinion or bias (IRB 282); use a globe to explain the seasons (IRB 284)  Extension Activity: investigate a myth or legend that describes how Earth and the moon came into existence (IRB 278); make a timeline to show the events (big bang, formation of our solar system, formation of Earth) using a scale of 1 inch= 1 billion years (IRB 280); make a mobile of the solar system and other celestial objects of their choosing (IRB 282); research the most effective ways to observe a solar eclipse and produce a safety guide (IRB 284)
Workforce Connects, Reading for Information, Lessons 4.1-4.2, 4.4, 5.4, 6.1, 7.2	21 <sup>st</sup> Century Skill- Information Literacy- use the six listed questions (page 411) to evaluate a web page and report back to the class- IRB 278  Write to Learn activities: pages 411, 416, 421, 426  Application of Science Practices: pages 434-435	EXIT SLIP: Think About Science activities: pages 411, 415, 419, 420, 421, 425, 426
CCR STANDARDS EMBEDDED IN TEXT:  CCRA.R.1; CCRA.R.2; CCRA.R.4; CCRA.R.6; CCRA.R.7;  CCRA.R.8; CCRA.R.10	TABE CORRELATION TO TEXT: Construct Meaning- Draw Conclusions; Supporting Evidence Evaluate and Extend Meaning- Author's Purpose Interpret Graphic Information- Reference Sources Words in Context	EVALUATION/ASSESSMENT: In each lesson: Vocabulary Review, Skill Review, Skill Practice

#### SCIENCE ABE PACING GUIDES < COMMON CORE BASICS- McGraw-Hill Education>

#### COLLEGE AND CAREER READINESS READING STANDARDS (level D, 6-8)

#### Reading Anchors (Levels A-E)

- **Anchor 1:** Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.
- **Anchor 2:** Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.
- Anchor 3: Analyze how and why individuals, events, and ideas develop and interact over the course of a text.
- Anchor 4: Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.
- **Anchor 5:** Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.
- **Anchor 6:** Assess how point of view or purpose shapes the content and style of a text.
- Anchor 7: Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words.
- **Anchor 8:** Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.
- **Anchor 9:** Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.
- Anchor 10: Read and comprehend complex literary and informational texts independently and proficiently.

#### TEXT & DIGITAL MATERIALS LIST (with ISBN numbers)

Achieving TABE Success in Reading, Level D, Workbook (978-0-07-704461-9)

Achieving TABE Success in Reading, Level D, Reader (978-0-07-704465-7)

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