Unit 6: How on Earth?

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Unit 6: How on Earth?

Department of Curriculum and Instruction

Belleville Public Schools

Curriculum Guide

Second Grade English Language Learners (ELL)

Unit 6: How on Earth?

Belleville Board of Education

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Unit Overview

"Wonders for English Learners offers instruction specifically designed to create learning experiences that inspire confidence, increase student engagement, and build language skills. Lessons emphasize building speaking, listening, reading, and writing skills to improve both academic and social language and accelerate progress in the core classroom. All instruction connects with core Wonders content, providing a seamless pathway for students to access content at their proficiency level, build understanding, and engage in the core classroom."

In Unit Six, ELLs discover what keeps our world working. Students articulate how people make machines and devices work. Topics covered in Unit Six include plant myths and facts, we need energy, team up to explore, money matters, and the world of ideas.

Enduring Understandings

Week 1. Distinguish between fact and make-believe.

Week 2. Explain how people use energy.

Week 3. Describe the importance of teamwork.

Week 4. Distinguish between goods and services and between needs and wants.

Week 5. Describe imagined activities.

Essential Questions

During Unit 6, students will explore different themes and scenarios that will guide them in formulating their own thoughtful responses to this unit's BIG IDEA: "What keeps our world working?" Below, see how the BIG IDEA is explored through weekly "Concepts" and "Essential Questions" which form the basis for exploration and discussion throughout the week.

Week 1:

Concept: Plant Myths and Facts

Essential Question: What do myths help us understand?

Week 2:

Concept: We Need Energy

Essential Question: How do we use energy?

Week 3:

Concept: Team Up To Explore

Essential Question: Why is teamwork important?

Week 4:

Concept: Money Matters

Essential Question: How do we use money?

Week 5:

Concept: The World of Ideas

Essential Question: Where can your imagination take you?

Exit Skills

By the end of this unit, ELLs will be able to:

- Develop oral vocabulary to use when talking about a topic.
- Ask and answer questions after actively listening to a read-aloud
- Ask and answer questions about key details in a text
- Read with sufficient accuracy and fluency to support comprehension
- Demonstrate comprehension of text through written response to a prompt
- Elaborate and ask questions to request clarification
- Support ideas with text evidence
- Determine the main idea and supporting details
- Apply grade level phonics skills

New Jersey Student Learning Standards (NJSLS)

LA.RL.2.1	Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text.
LA.RL.2.2	Recount stories, including fables and folktales from diverse cultures, and determine their central message/theme, lesson, or moral.
LA.RL.2.3	Describe how characters in a story respond to major events and challenges using key details.
LA.RL.2.4	Describe how words and phrases (e.g., regular beats, alliteration, rhymes, repeated lines)

	supply rhythm and meaning in a story, poem, or song.
LA.RL.2.5	Describe the overall structure of a story, including describing how the beginning introduces the story and the ending concludes the action identifying how each successive part builds on earlier sections.
LA.RL.2.6	Acknowledge differences in the points of view of characters, including by speaking in a different voice for each character when reading dialogue aloud.
LA.RL.2.7	Use information gained from the illustrations and words in a print or digital text to demonstrate understanding of its characters, setting, or plot.
LA.RL.2.8	(Not applicable to literature)
LA.RL.2.9	Compare and contrast two or more versions of the same story (e.g., Cinderella stories) by different authors or from different cultures.
LA.RL.2.10	Read and comprehend literature, including stories and poetry, at grade level text complexity or above with scaffolding as needed.
LA.RI.2.1	Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text.
LA.RI.2.2	Identify the main topic of a multiparagraph text as well as the focus of specific paragraphs within the text.
LA.RI.2.3	Describe the connection between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text.
LA.RI.2.4	Determine the meaning of words and phrases in a text relevant to a grade 2 topic or subject area.
LA.RI.2.5	Know and use various text features (e.g., captions, bold print, subheadings, glossaries, indexes, electronic menus, icons) to locate key facts or information in a text efficiently.
LA.RI.2.6	Identify the main purpose of a text, including what the author wants to answer, explain, or describe.
LA.RI.2.9	Compare and contrast the most important points presented by two texts on the same topic.
LA.RI.2.10	Read and comprehend informational texts, including history/social studies, science, and technical texts, at grade level text complexity proficiently with scaffolding as needed.
LA.RF.2.3	Know and apply grade-level phonics and word analysis skills in decoding words.
LA.RF.2.4	Read with sufficient accuracy and fluency to support comprehension.
LA.W.2.1	Write opinion pieces in which they introduce the topic or book they are writing about, state an opinion, supply reasons that support the opinion, use linking words (e.g., because, and, also) to connect opinion and reasons, and provide a conclusion.
LA.W.2.3	Write narratives in which they recount a well-elaborated event or short sequence of events, include details to describe actions, thoughts, and feelings, use temporal words to signal event order, and provide a sense of closure.
LA.SL.2.1	Participate in collaborative conversations with diverse partners about grade 2 topics and texts with peers and adults in small and larger groups.
LA.SL.2.2	Recount or describe key ideas or details from a text read aloud or information presented orally or through other media.
LA.SL.2.3	Ask and answer questions about what a speaker says in order to clarify comprehension, gather additional information, or deepen understanding of a topic or issue.
LA.L.2.1	Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
LA.L.2.2	Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.

LA.L.2.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 2 reading and content, choosing flexibly from an array of strategies.
LA.L.2.6	Use words and phrases acquired through conversations, reading and being read to, and responding to texts, including using adjectives and adverbs to describe (e.g., When other kids are happy that makes me happy).

Interdisciplinary Connections

SOC.6.1.4	U.S. History: America in the World: All students will acquire the knowledge and skills to think analytically about how past and present interactions of people, cultures, and the environment shape the American heritage. Such knowledge and skills enable students to make informed decisions that reflect fundamental rights and core democratic values as productive citizens in local, national, and global communities.
SOC.6.1.4.C.1	Apply opportunity cost (i.e., choices and tradeoffs) to evaluate individuals' decisions, including ones made in their communities.
SOC.6.1.4.C.2	Distinguish between needs and wants and explain how scarcity and choice influence decisions made by individuals, communities, and nations.
SOC.6.1.4.C.10	Explain the role of money, savings, debt, and investment in individuals' lives.
SOC.6.1.4.C.CS1	People make decisions based on their needs, wants, and the availability of resources.
SOC.6.3.4.A.2	Examine the impact of a local issue by considering the perspectives of different groups, including community members and local officials.
SOC.6.3.4.A.3	Select a local issue and develop a group action plan to inform school and/or community members about the issue.
SOC.6.3.4.A.4	Communicate with students from various countries about common issues of public concern and possible solutions.

Learning Objectives

- Develop and expand oral vocabulary.
- Elaborate and ask questions to request clarification.
- Support ideas with text evidence.
- Determine the main ideas and supporting details.
- Paraphrase information to demonstrate understanding.
- Collaborate to converse about a topic.
- Describe traits of a character.
- Recognize different types of sentences.
- Write sentences to respond to a prompt.
- Form opinions.
- Ask and answer questions about key details in a text.
- Discuss activities and events that occur in a story.
- Develop language to use when talking about a topic.
- Identify and read High-Frequency Words.
- Identify and practice phonemes within words.
- Retell a story.
- Create words with Word Building Cards.
- Identify complete sentences and fragments.
- Draw conclusions about a character's feelings.

- Create an informational writing piece that describes characters in a story.
- Participate in an interactive Read Aloud.
- Summarize information.
- Identify similarities and differences.
- Respond to the text by revisiting the essential question, discussing it, and writing about it.
- Use conjunctions to connect sentences.
- Answer questions about a piece of writing.
- Use a graphic organizer.
- Write to a specific prompt.

Suggested Activities & Best Practices

Unit 6, Week 1

- Review Weekly Vocabulary - display the visual vocabulary cards appeared, crops, develop, edge, golden, rustled, shining, stages. Have partners discuss the words using the photos and sentences. Then have them make up sentences with the words using the sentence frames. Then have partners to give one another oral clues based on the image in a visual vocabulary card until the partner can determine the correct word. Have children add the weekly vocabulary words and more vocabulary words to their notebooks.
- Writing Prompt - Write a narrative about a character that faces a challenge or problem and how they are able to solve it.

Unit 6, Week 2

- Review Weekly Vocabulary - display the ELD visual vocabulary cards electricity, energy, flows, haul, power, silent, solar, underground. Have partners discuss the words using the photos and sentences. Then have them make up sentences with the words using the sentence frames. Then have partners take turns drawing a picture to show each vocabulary word and more vocabulary word and then guessing them.
- Writing Prompt - Write about ways the children and their families save energy.

Unit 6, Week 3

- Review Weekly Vocabulary - display the visual vocabulary cards exploration, important, machines, prepare, repair, result, scientific, teamwork. Have partners discuss the words using the photos and sentences. Then have them make up sentences with the words using the sentence frames. Then have partners take turns drawing a picture to show each weekly vocabulary word and the more vocabulary words and then guessing them. Have them write the words in their notebooks.
- Writing Prompt - Have the students research and collect facts about an explorer to report their findings to their class.

Unit 6, Week 4

- Review Weekly Vocabulary - display the visual vocabulary cards invented, money, prices, purchase, record, system, value, worth. Have partners discuss the words using the photos and sentences. Then have them make up sentences with the words using the sentence frames. Then have partners take turns drawing a picture to show a word and guessing the word. Then have children write the words in their notebooks.
- Writing Prompt - Have the students write about things they like to spend their money on or something they want to save their money for.

Unit 6, Week 5

- Review Weekly Vocabulary - display the visual vocabulary cards create, dazzling, imagination, seconds. Have partners discuss the words using the photos and sentences. Then have them make up sentences with the words using the sentence frames. Then have children sort the weekly vocabulary words and more vocabulary words in their notebooks according to part of speech.
- Writing Prompt - Have the students write about an imaginary place.

Assessment Evidence - Checking for Understanding (CFU)

Unit Assessment:

- Listening Comprehension
- Reading Comprehension
- Vocabulary
- Grammar
- Speaking
- Writing
- Option for Paper/Pencil and Digital Assessments

- Admit Tickets
- Anticipation Guide
- Common Benchmarks
- Compare & Contrast
- Create a Multimedia Poster
- DBQ's
- Define
- Describe
- Evaluate
- Evaluation rubrics
- Exit Tickets
- Explaining
- Fist- to-Five or Thumb-Ometer
- Illustration
- Journals
- KWL Chart
- Learning Center Activities

- Multimedia Reports
- Newspaper Headline
- Outline
- Question Stems
- Quickwrite
- Quizzes
- Red Light, Green Light
- Self- assessments
- Socratic Seminar
- Study Guide
- Surveys
- Teacher Observation Checklist
- Think, Pair, Share
- Think, Write, Pair, Share
- Top 10 List
- Unit review/Test prep
- Unit tests
- Web-Based Assessments
- Written Reports

Primary Resources & Materials

- Literature Anthology
- Visual Vocabulary Cards
- Your Turn
- Interactive Read Aloud Cards
- Interactive Read Alouds
- Reading/Writing Workshop
- ELD Companion Worktexts (Beginning, Intermediate, Advanced)

Ancillary Resources

- Sound-Spelling Cards
- High-Frequency Cards
- Word Building Cards
- Decodable Readers
- Photo Cards
- eBooks

- Differentiated Texts
- Leveled Readers
- Student Practice Worksheets

Technology Infusion

- https://my.mheducation.com/login
- Interactive Read Alouds
- Digital Visual Vocabulary Cards
- Laptops
- Smartboard
- Multimedia Library
- Listening Library
- Computer Based Assessments
- Weekly and Unit Video Clip Openers

Alignment to 21st Century Skills & Technology

Mastery and infusion of **21st Century Skills & Technology** and their Alignment to the core content areas is essential to student learning. The core content areas include:

- English Language Arts;
- Mathematics;
- Science and Scientific Inquiry (Next Generation);
- Social Studies, including American History, World History, Geography, Government and Civics, and Economics;
- World languages;
- Technology;
- Visual and Performing Arts.

CRP.K-12.CRP1.1	Career-ready individuals understand the obligations and responsibilities of being a member of a community, and they demonstrate this understanding every day through their interactions with others. They are conscientious of the impacts of their decisions on others and the environment around them. They think about the near-term and long-term consequences of their actions and seek to act in ways that contribute to the betterment of their teams, families, community and workplace. They are reliable and consistent in going beyond the minimum expectation and in participating in activities that serve the greater good.
CRP.K-12.CRP4.1	Career-ready individuals communicate thoughts, ideas, and action plans with clarity, whether using written, verbal, and/or visual methods. They communicate in the workplace with clarity and purpose to make maximum use of their own and others' time. They are excellent writers; they master conventions, word choice, and organization, and use effective tone and presentation skills to articulate ideas. They are skilled at interacting with others; they are active listeners and speak clearly and with purpose. Career-ready individuals think about the audience for their communication and prepare accordingly to ensure the desired outcome.
CRP.K-12.CRP6.1	Career-ready individuals regularly think of ideas that solve problems in new and different ways, and they contribute those ideas in a useful and productive manner to improve their organization. They can consider unconventional ideas and suggestions as solutions to issues, tasks or problems, and they discern which ideas and suggestions will add greatest value. They seek new methods, practices, and ideas from a variety of sources and seek to apply those ideas to their own workplace. They take action on their ideas and understand how to bring innovation to an organization.
TECH.8.1.2	Educational Technology: All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.
TECH.8.1.2.A	Technology Operations and Concepts: Students demonstrate a sound understanding of technology concepts, systems and operations
TECH.8.1.2.A.1	Identify the basic features of a digital device and explain its purpose.
TECH.8.1.2.A.2	Create a document using a word processing application.
TECH.8.1.2.A.4	Demonstrate developmentally appropriate navigation skills in virtual environments (i.e., games, museums).
TECH.8.1.2.A.CS1	Understand and use technology systems.
TECH.8.1.2.A.CS2	Select and use applications effectively and productively.

21st Century Skills/Interdisciplinary Themes

- Communication and Collaboration
- Creativity and Innovation
- Critical thinking and Problem Solving
- ICT (Information, Communications and Technology) Literacy
- Information Literacy
- Life and Career Skills
- Media Literacy

21st Century Skills

- Civic Literacy
- Environmental Literacy
- Financial, Economic, Business and Entrepreneurial Literacy
- Global Awareness
- Health Literacy

Differentiation

- Leveled Readers
- Differentiated Text
- The process will be differentiated through supplying three tiers of questioning for basic, intermediate, and advanced learners
- Student Practice Worksheets

Differentiations:

- Small group instruction
- Small group assignments
- Extra time to complete assignments
- Pairing oral instruction with visuals
- Repeat directions
- Use manipulatives
- Center-based instruction
- Token economy
- Study guides
- Teacher reads assessments allowed
- Scheduled breaks
- Rephrase written directions
- Multisensory approaches
- Additional time
- Preview vocabulary
- Preview content & concepts
- Story guides
- Behavior management plan
- Highlight text
- Student(s) work with assigned partner
- Visual presentation
- Assistive technology
- Auditory presentations
- Large print edition
- Dictation to scribe
- Small group setting

Hi-Prep Differentiations:

- Alternative formative and summative assessments
- Choice boards
- Games and tournaments
- Group investigations
- Guided Reading
- Independent research and projects
- Interest groups
- Learning contracts
- Leveled rubrics
- Literature circles
- Multiple intelligence options
- Multiple texts
- Personal agendas
- Project-based learning
- Problem-based learning
- Stations/centers
- Think-Tac-Toes
- Tiered activities/assignments
- Tiered products
- Varying organizers for instructions

Lo-Prep Differentiations

- Choice of books or activities
- Cubing activities
- Exploration by interest
- Flexible grouping
- Goal setting with students
- Jigsaw
- Mini workshops to re-teach or extend skills
- Open-ended activities
- Think-Pair-Share
- Reading buddies
- Varied journal prompts
- Varied supplemental materials

Special Education Learning (IEP's & 504's)

- If children don't use descriptive words to talk about characters, plot or setting then review images from the story and have children describe what they see.
- If children use incorrect language when speaking about classroom work then provide different scenarios and model using the correct language for each.
- If children don't use academic language and lesson vocabulary in their writing then review academic language and lesson

vocabulary in context.

- If children answer questions with one-word answers then repeat their answer using a complete sentence. Then have them try again.
- Special Education and Resource Room Teachers will have access to Wonder Works. This product has differentiated foundational skills practice, instructional support, and assessment. Additionally, phonological awareness, phonemic awareness, phonics, and structural analysis at students' individual levels are also covered with this supplemental program. It mirrors all of the skills and strategies of the Wonders reading series.

- printed copy of board work/notes provided
- additional time for skill mastery
- assistive technology
- behavior management plan
- Center-Based Instruction
- check work frequently for understanding
- computer or electronic device utilizes
- extended time on tests/ quizzes
- have student repeat directions to check for understanding
- highlighted text visual presentation
- modified assignment format
- modified test content
- modified test format
- modified test length
- multi-sensory presentation
- multiple test sessions
- preferential seating
- preview of content, concepts, and vocabulary
- Provide modifications as dictated in the student's IEP/504 plan
- reduced/shortened reading assignments
- Reduced/shortened written assignments
- secure attention before giving instruction/directions
- shortened assignments
- student working with an assigned partner
- teacher initiated weekly assignment sheet
- Use open book, study guides, test prototypes

English Language Learning (ELL)

- Have children write a few sentences in response to the following prompt. Tell children you will ask them questions about what they wrote.

Week 1. Think about what myths help us understand. Tell three things that you know about myths.

Week 2. Think about what you have learned this week about how we use energy. Tell three things that you know about energy.

Week 3. Think about what you have learned about teamwork this week. Tell three things that you know about teamwork.

Week 4. Think about what you have learned this week about how we use money. Tell three things that you know about how we use money.

Week 5. Think about what you've learned this week about your imagination. Tell three things about your imagination.

- Prove sentence frames.
- Have partners collaborate.
- Ask and and answer questions about this week's essential question for beginning, intermediate and advanced learners.
- ESL Teachers will have access to Wonder Works. This product has differentiated foundational skills practice, instructional support, and assessment. Additionally, phonological awareness, phonemic awareness, phonics, and structural analysis at students' individual levels are also covered with this supplemental program. It mirrors all of the skills and strategies of the Wonders reading series. Furthermore, there are lessons designed to meet the needs of Beginning, Intermediate, and Advanced ESL students.

- teaching key aspects of a topic. Eliminate nonessential information
- using videos, illustrations, pictures, and drawings to explain or clarif
- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning;
- allowing students to correct errors (looking for understanding)
- allowing the use of note cards or open-book during testing
- decreasing the amount of workpresented or required
- having peers take notes or providing a copy of the teacher's notes
- modifying tests to reflect selected objectives
- providing study guides
- reducing or omitting lengthy outside reading assignments
- reducing the number of answer choices on a multiple choice test
- tutoring by peers
- using computer word processing spell check and grammar check features
- using true/false, matching, or fill in the blank tests in lieu of essay tests

At Risk

- Use online Reteaching lessons for phonemic awareness, phonics, high-frequency words, and vocabulary.
- Use the Language Development Cards for grammar and vocabulary.
- Use Foundational Skills Lesson Cards for phonological awareness, phonemic awareness, phonics, word recognition,

structural analysis, and fluency.

- allowing students to correct errors (looking for understanding)
- teaching key aspects of a topic. Eliminate nonessential information
- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning
- allowing students to select from given choices
- allowing the use of note cards or open-book during testing
- collaborating (general education teacher and specialist) to modify vocabulary, omit or modify items to reflect objectives for the student, eliminate sections of the test, and determine how the grade will be determined prior to giving the test.
- decreasing the amount of workpresented or required
- having peers take notes or providing a copy of the teacher's notes
- marking students' correct and acceptable work, not the mistakes
- modifying tests to reflect selected objectives
- providing study guides
- reducing or omitting lengthy outside reading assignments
- reducing the number of answer choices on a multiple choice test
- tutoring by peers
- using authentic assessments with real-life problem-solving
- using true/false, matching, or fill in the blank tests in lieu of essay tests
- using videos, illustrations, pictures, and drawings to explain or clarify

Talented and Gifted Learning (T&G)

At the end of each unit:

- Use the paragraph children wrote in Write to Two Sources for evaluation.
- After children have finished their writing, meet with them one on one. After you've read their sentences or paragraphs, ask questions about what they wrote. You might ask them to expand on a fact or ideas they included or to explain why they included certain information.
- If advanced children are able to write and express ideas to meet a variety of academic task, they may be ready to move to on-level for some tasks.

- Above grade level placement option for qualified students
- Advanced problem-solving
- Allow students to work at a faster pace
- Cluster grouping
- Complete activities aligned with above grade level text using Benchmark results
- Create a blog or social media page about their unit
- Create a plan to solve an issue presented in the class or in a text
- Debate issues with research to support arguments
- Flexible skill grouping within a class or across grade level for rigor

- Higher order, critical & creative thinking skills, and discovery
- Multi-disciplinary unit and/or project
- Teacher-selected instructional strategies that are focused to provide challenge, engagement, and growth opportunities
- Utilize exploratory connections to higher-grade concepts
- Utilize project-based learning for greater depth of knowledge

Sample Lesson

Using the template below, please develop a **Sample Lesson** for the first unit only.

Unit Name:

NJSLS:

Interdisciplinary Connection:

Statement of Objective:

Anticipatory Set/Do Now:

Learning Activity:

Student Assessment/CFU's:

Materials:

21st Century Themes and Skills:

Differentiation/Modifications:

Integration of Technology: