ESL-6-8 LCD Level C- Unit 2

Content Area: **ESL**
Course(s):
Time Period: **MP1**
Length: **45**
Status: **Published**

Unit Focus

Standards are integrated within each lesson to enable multilingual learners to work toward proficiency in English while learning content—developing the skills and confidence in listening, speaking, reading, and writing. The Unit will focus on basic to advanced-level vocabulary and content development around mechanical engineering and non-fiction text features, informative/explanatory writing, and grammatical concepts.

WIDA Standards

ELD Standard 1: Language for Social and Instructional Purposes (ELD-SI)

ELD Standard 2: Language for Language Arts (ELD-LA)

ELD Standard 3: Language for Mathematics (ELD-MA)

ELD Standard 4: Language for Science (ELD-SC)

ELD Standard 5: Language for Social Studies (ELD-SS)

Lesson Summary

All About Mechanical Engineering - Students read a text about how people apply the laws of forces and motion. Students write about how forces affect their everyday lives. Then, students adjust their language to explain scientific concepts to different audiences, and they practice condensing ideas using nominalizations.

Technology: Feats and Failures- Students read a text about inventions through time. They analyze events in the development of computers and transportation and explore the ways in which inventions change people's lives. Students write fictional narratives about an invention. Then, they deliver oral presentations and practice using subordinating conjunctions.

Engineering: Feats and Failures- Students read a text about engineering projects throughout history. They use text features to help them analyze the impact of engineering projects. Students write about the reasons for engineering mistakes and how to avoid them. Then, students create PSAs and practice using prepositional

phrases.

Spiraling for Mastery

Content or Skill for this Unit	Spiral Focus from Previous Unit
-Content: Science- engineering, physics, technology - use vocabulary in sentences -use L1 and L2 to recall facts -read information -research -use nominalizations - present orally -subordinating conjunctions -prepositional phrases	-Content: Science- animals and research scientists - use vocabulary in sentences -use L1 and L2 to recall facts - identify and use text features -read information -research -identify main idea and details -write opinions and support with evidence - suffixes -nouns and pronouns -nominalizations -comparative adjectives -simple past and present progressive tense

Bi-Weekly Scope and Sequence

WEEKS	Standards	Content Area	Language Development	Reading	Writing	Listening/Speaking	Assessment
1-2 SKILLS		**Science:** forces and motion, Newton's Laws	- Build academic vocabulary. - Condense	Determine the meanings of symbols, key	Write informative/explanatory texts to examine a topic and convey ideas, concepts,	Adjust language choices according to academic task, purpose, and audience.	Develop content-specific vocabulary

		of motion **Language Arts:** cause and effect	ideas to create precise and detailed sentences.	terms, quantitative or technical information, and other domain-specific words and phrases as they are used in a scientific or technical text.	and information.		Identify the correct meaning of multiple-meaning words using the context of the text Write real-life examples of scientific concepts Write about the effect of forces and motion on their everyday lives Create an oral presentation explaining Newton's Laws of Motion incorporating real-life examples. nominalization practice Read with appropriate fluency
		TCM-Language	bilingual glossaries	TCM-Language	-Google Doc -notebook	- YouTube (Audio clips)	Unit 1 Assessment

1-2 RESOURCES		Power 6-8C digital resources License Key Code: 32UC-NAD2-NCDZ Smartboard, document camera, paper, folders, pens.	Vocabulary Picture Cards	Power 6-8C-readers		- EdPuzzle -Flipgrid	TCM Student pages 1-4 Fluency Rubric - found in TCM *Assessment Directions* *WIDA Rubrics for speaking and writing*
3-4 SKILLS		**Science:** Examine how science and technology affect individuals and society.	- Build academic vocabulary. -Combine ideas using subordinating conjunctions.	Describe the relationship between a series of historical events and scientific ideas or concepts, using language that pertains to time, sequence, and cause/effect.	write narrative paragraphs to develop imagined events.	plan and deliver oral presentations.	Develop content-specific vocabulary. Create a timeline for the development of technology Drawings of new inventions with an accompanying fictional narrative research and presentation on a device

							of choice. Subordinating conjunctions practice Read with appropriate fluency
3-4 RESOURCES		TCM-Language Power 6-8C digital resources License Key Code: 32UC-NAD2-NCDZ Smartboard, document camera, paper, folders, pens.	bilingual glossaries Vocabulary Picture Cards	TCM-Language Power 6-8c-readers	Google Doc notebooks chart paper	-YouTube (Audio clips) -EdPuzzle Flipgrid	Unit 1 Assessment TCM Student pages 1-4 Fluency Rubric - found in TCM *Assessment Directions* WIDA Rubrics for speaking and writing
5-6 SKILLS		**Science:** Examine how science and technology affect individuals and	- Build academic vocabulary. -use prepositional phrases appropriately.	Integrate information presented in different text features and formats	Draw evidence from an information text to support analysis and reflection.	Plan and deliver oral presentations.	Develop content-specific vocabulary. Orally discuss engineering feats using

		society.		as well as in text.			modeled language Read about different famous engineering projects (i.e. Hoover Dam and the Transcontinental Railroad) Analyze what the engineering projects contribute to society Read about engineering failures and write how to avoid each one. Watch tcmpub.digital/lp/6-8/psa or similar videos on PSAs. Create PSA and present to class with outlined necessary parts to the presentation and PSAs. Prepositional Phrase

							practice Read with appropriate fluency
5-6 RESOURCES		TCM-Language Power 6-8C digital resources License Key Code: 32UC-NAD2-NCDZ Smartboard, document camera, paper, folders, pens.	bilingual glossaries Vocabulary Picture Cards	TCM-Language Power 6-8C-readers	Smartboard, document camera, paper, folders, pens.	- YouTube (Audio clips) - EdPuzzle -Flipgrid	Unit 1 Assessment TCM Student pages 1-4 Fluency Rubric - found in TCM *Assessment Directions* WIDA Rubrics for speaking and writing

Career Readiness, Life Literacies & Key Skills

CRP.K-12.CRP1	Act as a responsible and contributing citizen and employee.
CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP4	Communicate clearly and effectively and with reason.
CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP12	Work productively in teams while using cultural global competence.

CRP.K-12.CRP8	Utilize critical thinking to make sense of problems and persevere in solving them.