**ERD005**

**Course plan**

* **Goal:** Students completing Reading Five should be able to understand and utilize authentic advanced-level material.
* **Objectives:**
* Teach students an understanding and application of critical thinking skills including inferences, analysis, and bias through the use of authentic, and advanced-level literary and academic passages
* Teach students an understanding and application of advanced-level fiction and non-fiction material in a variety of styles/formats such as articles, reports, essays, and unabridged novels and short stories
* Teach students to successfully identify the stated and implied main idea and supporting details of advanced-level paragraphs and advanced-level longer academic texts
* Teach students to successfully employ skimming and scanning techniques to find details and main ideas in an advanced-level text
* Teach students an understanding and application of vocabulary recognition strategies such as context clues, roots, prefixes, and suffixes to guess the meanings of new terms found in advanced-level texts
* Teach students an understanding and application of literary devices such as figurative and idiomatic language; and metaphors used in advanced-level literary passages

**Week 1-2**

Introduction to the course/syllabus (Wednesday Introduction and a Diagnostic test)

*Readings:*

**Hop, Skip… and Software? (STEM Technology)**

**Program to Bring Laptops to Rural Schools (STEM Technology)**

* begin main idea and supporting details
* begin vocabulary recognition strategies

**Week 3**

*Readings:*

**Tablet Computers in School: Educational or Recreational?**

**Classroom Aid: Learning Scientific Concepts with iPads**

**Virtual Reality AND ITS Real-World Applications (STEM Technology)**

* begin skimming and scanning techniques
* begin vocabulary recognition strategies
* begin critical thinking skills including inferences and analysis
* begin summarizing [outline format]
* begin literary devices such as figurative and idiomatic language/Work with a short story
* begin Critical Analysis & Response Writing

Vocabulary quiz 1

**Reading Comprehension Test 1 on Skip ….and Software**

**Research project 1**: Research project based on the readings: “Should young students use computers in class?” Use information from the articles that were discussed in the class. Use APA style while working on your research. Make sure not to copy and use paraphrasing.

**Week 4**

*Readings:*

**Dugong (Short story)**

**Who Lives Longer? (STEM Math)**

**The Real Secrets to a Longer Life**

**More Senior Citizens, Fewer Kids (STEM Math)**

* practice main idea and supporting details
* practice critical thinking skills including inferences and analysis
* continue critical Analysis & Response Writing

**Research project 2**: Living for a long time: Is it a curse or a blessing? What are the secrets to a long life? Look at the map of “Global Life Expectancy in 2015” and select a country that you want to base your research on. Make sure that the country you choose is not your country of origin. Do your research on finding the facts on why people live for such a short or long period of time. Based on the information you got from the readings, what could you advise people to do to live longer? Use APA style while working on your research. Make sure not to copy and use paraphrasing.

**Week 5**

*Readings*

**The Gift of Life: When one Body Can Save Another (STEM Science)**

* continue skimming and scanning techniques
* continue critical thinking skills including inferences and analysis
* continue vocabulary recognition strategies
* continue summarizing
* continue Critical Analysis & Response Writing

Vocabulary quiz 2

**Week 6**

*Readings:*

**Saving Her Sister’s Life**

**Two Parents Offer Their Daughter the Breath of Life (STEM Science)**

* practice main idea and supporting details
* practice critical thinking skills including inferences analysis
* practice critical Analysis & Response Writing

**Week 7**

*Readings:*

**Health and Wellness on the Go (STEM Science)**

**Funding Global mHealth Projects (STEM Technology)**

**Swaddling Clothes (short story)**

* practice main idea and supporting details
* practice critical thinking skills including inferences and analysis
* critical Analysis & Response Writing
* continue literary devices such as figurative and idiomatic language/Work with a short story

Vocabulary quiz 3

**Reading Comprehension Test 2 “Sale of Kidneys”**

**Week 8**

*Readings:*

**Continue Swaddling Clothes (short story)**

**Solving a Deadly Puzzle (supplemental) (STEM Science)**

* practice main idea and supporting details
* practice critical thinking skills including inferences and analysis
* critical Analysis & Response Writing

**Week 9**

*Readings:*

**Imprisoned without a Trial (supplemental)**

**The Discovery of a Miracle Drug (supplemental) (STEM Science)**

* practice main idea and supporting details
* practice critical thinking skills including inferences and analysis
* practice Critical Analysis & Response Writing

Vocabulary quiz 4

**Week 10**

*Readings:*

**Story of an Hour (short story)**

**Promoting Ethics in the Workplace (STEM Business)**

* practice critical thinking skills including inferences and analysis
* practice literary devices such as figurative and idiomatic language/work with a short story
* continue Critical Analysis & Response Writing

**Week 11**

*Readings:*

**Ethical Reasoning (STEM Business)**

**The Language of Twenty-First-Century Business (STEM Business)**

* practice critical thinking skills including inferences and analysis
* continue Critical Analysis & Response Writing
* practice summary

Vocabulary quiz 5

**Reading Comprehension Test 3 “Beyond the Rivalry”**

**Week 12**

*Readings:*

**Students Dig into Sustainable Farming at Vermont College (STEM Engineering)**

**NASA Goes Green with New Sustainability Base (STEM Engineering)**

* practice critical thinking skills including inferences and analysis
* practice literary devices such as figurative and idiomatic language/work with a short story
* continue Critical Analysis & Response Writing

**Reading Comprehension Test 4 “The Pursuit of Excellence”**

**Week 13**

Review before the final exam

*Readings:*

**Wooden Trunk from Buchenwald (short story)**

Plus additional materials

* Practice all reading skills

**Week 14**

Final exam