

UNIT PLAN

Topic: Physical, Econ, Cultural Geography of Russia and Central Asia	Lessons: 4 Daily, 1 Exam period	Title: R/CA Geography
Subject: World Geography	Grade: 10th	Length: 4 Days, 1 hr exam period

Unit Overview : Students will learn about the physical, cultural, and economic characteristics of Russia and Central Asia. First, students will learn about Russian and Central Asia physical characteristics through lecture and map labeling. Second, students will learn about Russian and Central Asia cultural characteristics through research and creative presentation. Third, students will learn about Russian and Central Asia economics characteristics through a Structured Academic Controversy lesson on Chernobyl, Russia. Finally, students will learn about Russian and Central Asia economic characteristics through lecture and group Inquiry method lesson focusing on natural resources. Finally, students will conclude with a department assigned 1 hr Unit Exam on Day 5.

Unit Rationale : As the new global world progresses to new experiences and challenges, it is important to note the influence of natural resources on region's culture and economy. Students will learn about a rival economic great, Russia, due to their vast land space and access to natural resources. Exposure and critical thinking practice to understanding why and how natural resources influence students lives everyday will be useful in the ongoing debates concerning energy resources/climate change.

<p>Goals</p> <ol style="list-style-type: none"> 1. Students discover new information, both academically and practically relevant, about the Russian and Central Asian region. 2. Practice Higher Order Thinking, debate, research, and analysis in groups and individually. 3. Consider ethical implications of current events and students' responsibilities as a US citizen. 	<p>Essential Questions</p> <ol style="list-style-type: none"> 1. How does Russia and Central Asia's culture and economy affect the USA and the students outside of the classroom? 2. How do natural resources affect Russia and Central Asia's culture and economy and vice versa?
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<p>Unit Objectives</p> <ol style="list-style-type: none"> 1. Students will be able to identify, label, and locate Russian and Central Asian major political and physical features on a blank outline map by the end of Lesson Day One. 2. Students will be able to discover and outline Russian and Central Asian cultural characteristics by researching common cultural items and creating a poster by the end of Lesson Day Two. 3. Students will be able to compose an argument concerning the PROS and CONS of nuclear energy through a SAC structured lesson on the Chernobyl Disaster by the end of Lesson Day Three. 4. Students will be able to describe and interpret Russian and Central Asian natural resources and their influences and interactions among global and regional geography by completing an inquiry structured lesson with graphic organizers and a critical thinking role play exercise, by the end of Lesson Day Four.

Standards of Learning

WG.4 The student will locate and analyze economic characteristics of Russia and Central Asia peoples.

WG.7a The student will identify types of natural, human, and capital resources of Russia and Central Asia, and explain their significance by showing their influence on patterns of economic activity and land use.

WG.7b The student will identify types of natural, human, and capital resources Russia and Central Asia and explain their significance by evaluating perspectives and consequences regarding the use of resources.

Outline of Content

A. Countries

- Kazakhstan
- Russia
- Turkmenistan
- Uzbekistan
- Tajikistan

B. Physical Characteristics

- vast land area
- ural mountains
- Siberia
- major oil, natural gas, mineral resources
- pollution
- water features
- climate
- land size
- shrinking or Aral Sea

C. Economic Characteristics

- transition from communist to free market
- farming in fertile triangle region in *chernozem* soils
- trans siberian railroad, canals
- natural resources: oil and cotton
- resource not fully developed due to climate, limited transportation, vast country
- economic slow down after break up of USSR
- pollution, energy, Chernobyl melt down
- GDP, population

D. Cultural Characteristics

- diverse
- heritage : ballet, icons, faberge eggs, matryoskha dolls, carpets
- landscape: orthodox churches, red square, Kremlin, mosques, minarets, St. Basil's
- urban centers: Moscow, St. Petersburg, Novosibirsk

E. Natural Resource Economics

- use depends on nations culture, values, technology, and governmental priorities over time
 - + steam engine for transport, but demands coal
 - + internal combustion engine for transport, but demand for oil

- current use of resources
 - + PROS: production of goods/services, jobs
 - + CONS: resource depletion, environmental degradation, and health problems

Assessments and Evaluations

<p><u>SUMMATIVE</u></p> <ol style="list-style-type: none"> 1. Map completion, collected and graded based on accurate completion 2. Geo Journal graded based on rubric 3. Photo Graphic Organizer completion <ul style="list-style-type: none"> - Quik Write 4. Culture Poster graded based on rubric 5. SAC Worksheet graded on accurate completion 6. Natural Resource Graphic Organizer graded on accurate completion 7. Natural Resource Priority/Explanation graded on accurate completion 8. Department created Unit Exam 	<p><u>FORMATIVE</u></p> <ol style="list-style-type: none"> 1. Student participation overall 2. Class location of region's countries on felt map. 3. Teacher personal reflection to student reactions, lesson plan, and demonstration of teaching ability. 4. Student participation in class discussions/activities (not being asleep, playing with electronics, talking with friends, etc...) 5. Group participation 6. Teacher personal reflection to student reactions, lesson plan, and demonstration of teaching ability.
<p><u>HOMEWORK</u></p> <ol style="list-style-type: none"> 1. Geo Journal 2. Russian History Reading Assignment – Textbook pgs 378-382 3. Russia and Central Asia Study Guide 	

Materials

<p>Non Digital</p> <ul style="list-style-type: none"> - Russia and Central Asia blank maps and key - Russia and Central Asia guide notes and key - Russia and Central Asia geo journal prompt and rubric - matryoshka dolls - felt map and relevant labels - Photo Graphic Organizer - Quik Write - Culture List - Poster Instructions with grading rubric - ****back up materials if computers/internet/etc down: poster board, markers, colored paper (whatever you can find really) - SAC Worksheet - SAC Instructions 	<p>Digital</p> <ul style="list-style-type: none"> - Russia and Central Asia lecture powerpoint - computer - projector - audio speakers - promethean board (white board) - Russia and Central Asia photos URL - computer lab - Chernobyl Youtube Video URL - Mini reactor NPR audio URL - Russia History Tetris Youtube Video URL
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- PRO and CON resource packets
- Mini reactor NPR transcript
- Resources for Town Instructions
- Resources for Town Graphic Organizer
- white board markers
- resource props: soil/food, gas can with natural label, molasses labeled as oil, wood, and coal

References

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Unit Calendar – attached

Daily Lesson Plans – attached

<u>Differentiation</u>	<u>Accommodations</u>
<p><i>Content</i> – varied sources, not all required by SOLS, from varied backgrounds, with varied viewpoints. Physical, cultural, and economic characteristics of the region. Art, maps, textbook, articles, charts. Academic and practical information.</p> <p><i>Process</i> – Big and small group work, individual work, class lecture, creative projects, imaginative roleplay, computer tools. Oral and written.</p> <p><i>Product</i> – Essays, graphic organizers, lists, posters, discussion. Analytical, practical, and creative activities and graded projects.</p>	