

Grade(s)	4 th Grade
Content Area	Social Studies
Topic of Lesson	Major Landforms of the U.S. and a brief comparison with China
Three Objectives	<p>1) Students will be able to list at least two features of each major landform (mountain; desert; plain).</p> <p>2) Students can label two out of three major U.S. mountain ranges, and deserts on a map of the U.S.</p> <p>3) Students will be able to compare the differences between the Himalayas, and the Rocky Mountain in terms of height (actual height of each mountain), location, climate. (All three elements)</p>
Technology standard	<p>Standard 2. Demonstrate the responsible use of technology and an understanding of ethics and safety issues in using electronic media at home, in school, and in society.</p> <p>Standards and Expectations: Ethics</p> <p>G3-5: 2.3 Explain Fair Use Guidelines for the use of copyrighted materials (e.g., text, images, music, video) in student projects.</p>
Curriculum Framework	<ul style="list-style-type: none"> Ø Massachusetts History and Social Science Standards Ø History and Geography, Grade 6 <p>1. Use geographic terms correctly, such as delta, glacier, location, settlement, region, natural resource, human resource, mountain, hill, plain, plateau, river, island, isthmus, peninsula, erosion, climate, drought, monsoon, hurricane, ocean and wind currents, tropics, rain forest, tundra, desert, continent, region, country, nation, and urbanization.</p>
Materials needed	<p>-Computers with Internet access</p> <p>-Projector</p> <p>-Report sheets</p> <p>-Colored pencils/pens</p> <p>-Blank maps of the U.S.</p> <p>-Homework assignment sheet</p>
Lesson Procedure, Web Site Use, and Technology Standard Instruction	<p>"First I will introduce the class that they are going to learn about the major landforms of the U.S. and a comparison with that to China. And then, I will start teaching the class about the three major landforms--desert, mountain, and plain in terms of their features like locations, climates, etc.</p> <p>Later, students will be separated into groups of three, given the report sheets, colored pens or pencils. Then I will make a short demonstration of the website that they are going to use, meantime I will demonstrate that all the pictures on the website are using under fair use. After the demonstration, they are allowed to use the website</p>

	<p>as a resource to finish the report sheet. After students start using the website to finish their report sheet.”</p>
<p>How will students be assessed?</p> <p>How will you know if students have met the objectives stated above?</p>	<p><u>Objective 1</u>: Students will be able to list at least two features of each major landform.</p> <p><u>Assessment 1</u>: Students will get report sheets at the beginning of the class, and they will need to finish the reports by looking up information on the website.</p> <p><u>Objective 2</u>: Students can locate two out of the three major U.S. mountain ranges, and deserts on a map of the U.S.</p> <p><u>Assessment 2</u>: At the end of the class, students will use colored pen/pencils and blank maps of the U.S. to draw the three major mountain ranges in the U.S. in 10 minutes.</p> <p><u>Objective 3</u>: Students will be able to compare the differences between the Himalayas, and the Rocky Mountain in terms of height (actual height of each mountain), location, climate (All three elements).</p> <p><u>Assessment 3</u>: Students will be asked questions about the differences between the two mountain ranges on their homework assignment.</p>