

GK12 5-E Lesson Plan

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| Author: Allison Asher, Matt Novak | Date: 07-17-2008 |
| Topic: Topographic Maps | |
| Title: Topographic Map Scavenger Hunt | Grade Level: 8 th grade |
| Lesson Summary: Students will work in small groups to find various landmarks on a topographic map. | |

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| Arkansas Science Frameworks SLEs: (list # and text of each SLE) ESS.8.8.7 Use topographic maps to identify surface features on Earth ESS8.8.6 Research local, regional, and state landforms created by external forces on Earth. |
| Main SLE covered in this activity: ESS.8.8.7 Use topographic maps to identify surface features on Earth |
| Objectives – Students will: <ul style="list-style-type: none">• Find surface features on a topographic map• Determine elevation using a topographic map• Determine latitude and longitude of a surface feature |
| Essential Question: Can the students read a topographic map? |

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| BACKGROUND INFORMATION |
| Timeline: One 50-minute class period |
| Materials: <ul style="list-style-type: none">• Topographic Map• Ruler• Activity Sheet |
| Teacher Preparation: <ul style="list-style-type: none">• Teacher needs enough topographic maps so that students can work in groups of 3 or less• Activity worksheet should be prepared and copied in advance |

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| PROCEDURE |
| Engage: Place a topographic map on an overhead projection. Give the students a scenario that their friend is lost. The friend has called and asked for directions. The friend can describe some landmarks and the student must be able to help the lost friend find their way home. |