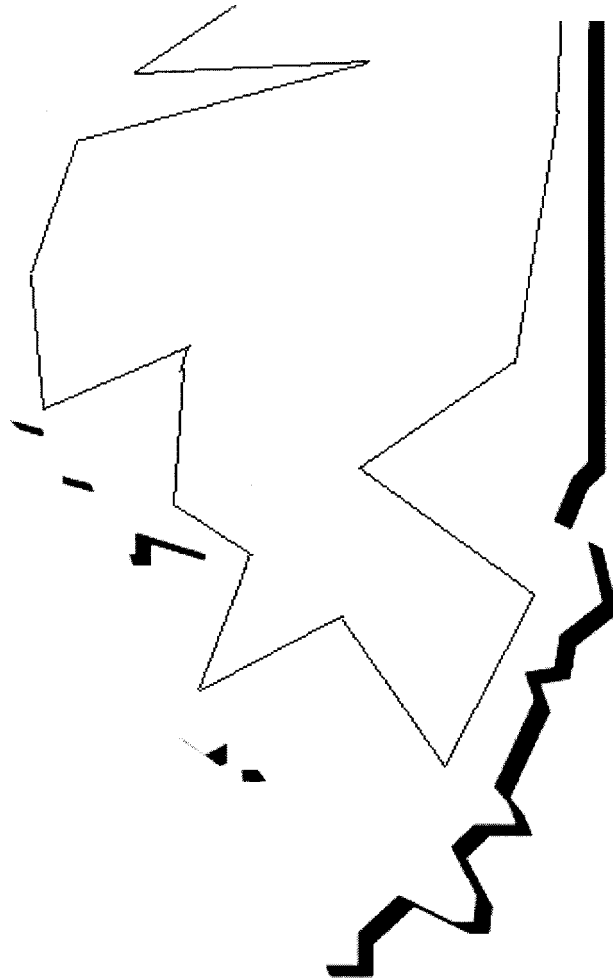


The Amazing Race

By Mike Middleton
6th Grade Social Studies
Centralia Junior High



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AMAZING RACE
By Mike Middleton
6th Grade teacher
Centralia Junior High
900 South Pine St.
Centralia, IL. 62801
(618) 533-7130 wk (618) 532-6076 hm
mrgeocjhs@yahoo.com

Topic: Hands on experience of using a road map.

Grade level: 6th through 12th

Preview: Students will use the basic ideas of the reality show "The Amazing Race" to better understand how to use a road map. Students will read clues to figure out locations of cities that are spread out all over the state of Illinois. This can also be a good introduction to a map legend/key, and could be extended for scale work.

Time Needed: 2-3 class periods. (Can last longer if lesson is extended.)

Materials Needed:

1. Illinois state highway maps. (One per student)
2. Copies of the clues. (Enough so each team has all 10 sets of clues.)
3. Encyclopedias — may be used as one form of a reference.
4. Internet access.

Standards:

National Standards

Goal 1: How to use maps and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective.

Goal 2: How to use mental maps to organize information about people, places and environments in a spatial context.

State Standards

- 17.A.1b Identify the characteristics and purposes of geographic representation including maps, globes, photographs, software, digital images and be able to locate specific places using each.
17. A.3a Explain how people use geographic markers and boundaries to analyze and navigate the Earth.
- 17.A.4a Use mental maps of physical features to answer complex geographic questions.

Goals:

1. To familiarize students with the concept of using road maps.
2. To create a hands-on approach to using a road map for location.
3. To familiarize students with use of symbols on maps, and using a map legend/key to understand the meanings of those symbols.
4. To familiarize students with using multiple resources including technology.

Objectives:

1. The students will be able to do some basic navigation using a road map. (Using compass direction, following interstates, state highways.)
2. The students will be able to identify symbols used on a road map from using the map legend/key.
3. The students will be able to work within a group to inform other students about analyzing clues to find locations.

Procedure:

1. (I usually spend a class period on this first step.) Each student gets a state highway map, and a copy of the legend worksheet. I first give a brief explanation of what a legend is, and how it tells us what the symbols, or colors and other markings, on a map stand for. I then have students use the legend on the state map to fill in the missing blanks on the legend worksheet.
2. Class day 2. I divide the class into groups of 2. Each group gets an Illinois state highway map. I then read over the intro to the lesson. After that I hand out the first set of clues and let the kids start racing. (Copy of intro in packet.) For students to move on from clue set #1 to set #2 they must fill in the answer blank on the bottom of the clue sheet. If they have the right answer, they get the next set of clues. If they have the wrong answer, I tell them to try again.
3. I have a set of encyclopedias and access to the internet for those kids who would like to go beyond the map for help in answering the clues.
4. By the end of day 2 students usually get to the halfway point, BUT-you know some students will get farther, and some will be lost many times in their journey.
5. Class day 3. I let the kids use most of this class to finish. When or if, most groups get finished I have the first group done come up front and explain the race and the cities they went to visit. (This can be delayed until the next class for those groups who would like to try and finish, but I have to call a stop and review the answers now rather than next week.)

Extending the lesson:

1. You could tie in the use of scale. Some times I have kids measure distance from city to city, and add it to the information they must give me to get the next set of clues.
2. You could have the kids list what major roads they would take to travel from city to city.
3. You could turn this into a media presentation lesson by having each team create a PowerPoint show for the entire class.

Intro for the *Amazing Race*

Welcome to the lovely city of Centralia, Illinois. My name is Dr. Miles Counter. I am the race coordinator for this year's edition of the *Amazing Race*. What you racers are going to do is to race around the state of Illinois, visiting a variety of cities along the way.

How do you know what cities you will visit? Well, contestants let me tell you. I will give each team a map of the state of Illinois, and a set of clues. These clues will lead you to a city. When you think you know what city it is, fill in the answer blank at the bottom of the clue sheet. If you are correct I will take your old clue sheet and then give you a new clue sheet. If you are wrong, I will simply tell you to try again. The first team to correctly identify all 10 cities will be declared the winner.

You may use any resource you want to help solve the clues. I have secured this special edition of encyclopedias, and the use of a specially designed internet network constructed just for this race.

Good-Luck contestants and Good-Racing!!

Name _____

Fill in the blanks in this legend using the Illinois State Highway Map legend.

LEGEND

• VS

TO: TWNY

STATE ROUTES

2 _____

3 _____

PAD-JANE HIGWAY

MULTILANE UNGRADED HIGHWAY

4 _____

ROUTE MARKERS

74 55 5 _____

61 61 151 6 _____

9 126 7 _____

ACCESS POINTS

BI NAIMI: RN MIA FULL TRAFFIC INTERCHANGE

INTERCHANGE EXIT NUMBER

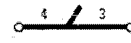
PARTIAL TRAFFIC INTERCHANGE

COUNTY ROUTE MARKER

65 g _____

F RIVER ROAD

LINCOLN HERITAGE TRAIL



MILEAGE BETWEEN TOWNS AND MARRIED ROUTE JUNCTIONS



CUMULATIVE MILEAGE BETWEEN RED STARS



MILEAGE ALONG ACCESS CONTROLLED HIGHWAY

9 _____

STATE PART, MEMORIAL, HISTORIC SITE
CONSERVATION AREA, OR FOREST
STATE TRAIL / NATIONAL SCENIC BYWAY



OTHER POINT OF INTEREST



ILLINOIS STATE POLICE HDQRS.



STATE INSTITUTION



CONGESTION REST AREA
INFORMATION CENTER



INTERSTATE REST AREA - FULL FACILITIES



INTERSTATE REST AREA WITH THRU-TRAILER REST STOP



ROADSIDE REST STOP



ROADSIDE REST STOP WITH THRU-TRAILER REST STOP



MILITARY AIRPORT



TOLL PLAZAS

POPULATION OF CITIES AND TOWNS

In congested areas these symbols will generally

Under 100

013

50,000 to 99,999

Carr; Sez's Papal State Capes to



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APFAOTAR TY C KILOMETERS
DUET SIGHT 2003 BY STATE OF ILLINOIS

To Iowa Ci

To U.S. 6 To West Liberty

To Iowa Ci

Team members _____

CLUE SET #1

1. I am northeast of Centralia.
2. You can travel interstate or a state highway to reach me.
3. 2 interstates meet at me.
4. I am a city of just over 12,000 people
5. I am near a town named after Native American footwear.
6. I am near a lake named after a girl named Sara.
7. 40-70-57-75-33 are my lucky numbers.
8. I share a name with the county I'm in.
9. You can travel to Terre Haute real easy through me.
10. The Little Wabash River runs through me.

I am at the city of _____

Team members _____

CLUE SET #2

1. I am north of Effingham.
2. I have almost 68,000 people in me.
3. The Kaskaskia River and the Salt Fork are in my county.
4. I share space with another city.
5. I share my name with my County.
6. Bart Simpson's dad has a town named after him in my county.
7. I can be full of bubbles.
8. I have a university in me.
9. 130 is a good number for me.
10. Some would say my basketball outdoes my football.

I am at the city of _____

Team members _____

CLUE SET #3

1. I share space with another city.
2. I have a university, but the city next to me has a larger university.
3. I have a population of just over 64,000 people.
4. I am in the state's largest county.
5. I played a part in Route 66.
6. David Davis left his mansion for people to visit.
7. You can visit Adlai Stevenson's resting place here
8. I have a lake that shares my name just north of me
9. The ninth state road runs through me.
10. The city I share space with seems to be a fairly normal city.

I am at the city of _____

Team members _____

CLUE SET #4

1. I am north of the city of clue set #3.
2. I have over 150,000 people in me.
3. I share a space with two cities that are called park.
4. I have a rock hard river that runs through me.
5. My name could also be a city for the Flintstones.
6. The name of my county is the same name as a large RV.
7. I have a sinnissippi type of golf course in me.
8. I had a peach of a baseball team.
9. Chief Black Hawk was driven past me into Wisconsin.
10. At my population I am one of the four largest cities in my state.

I am at the city of _____

Team members _____

CLUE SET #5

- 1.I am south west of your last stop.
- 2.I share space with another city.
- 3.I share a name with this other city, but I add a cardinal direction in my name.
- 4.I sit next to a big muddy river.
- 5.I get called the Quad Cities.
- 6.I have a population of just over 21,000 people.
- 7.Campbell's Island memorial is close to me.
- 8.I have a minimum security prison with over 1,000 people living there.
- 9.My library is part of the prairie are library system.
10. My ninth street memorial is to soldiers of WWI, WWII, Korea, and Vietnam.

I am at the city of _____

Team members _____

CLUE SET #6

1. I am south of your last stop.
2. Almost 34,000 people call me home.
3. Mr. Sandberg was born here.
4. I am home to the first anti-slavery society in state of Illinois.
5. I was founded in 1837.
6. I was a stop on the Underground Railroad.
7. The first railroad came to Galesburg in 1854.
8. A committee from New York purchased 17 acres in my county in 1835.
9. The first 25 settlers arrived in 1836
10. The Orpheum Theatre is located in me.

I am at the city of _____

Team members _____

CLUE SET #7

1. I am southwest of your last stop.
2. My population is just over 112,000.
3. The state named river creates a lake that shares my name.
4. I share space with a city across a river.
5. I have a university named after some Bradley person.
6. Girls and boys basketball team are honored to come to me.
7. I am the largest city on the state named river.
8. I date back to a French Fort erected in 1691
9. You can see the Rivermen play here.
10. You can see the Chiefs play here.

I am at the city of _____

Team members _____

CLUE SET # 8

1. I am south of your last city
2. I have a sugar creek just north of me
3. I have a kickapoo creek also just north of me.
4. Just over 15,000 people call me home.
5. I share a name with a famous person from Illinois.
6. I have a corrections center named after a famous person from Illinois.
7. Come enter my rail splitting contest.
8. I am the city named for and by a president BEFORE he became president.
9. Route 66 went past me.
10. I have a ghost bridge over salt creek.

I am at the city of _____

Team members _____

CLUE SET #9

1. I am southwest of your last city.
2. I have a population of just over 111,000 people.
3. I have a lake to my south that shares my name.
4. I have some state fairgrounds.
5. I have a presidential library.
6. I have an old state capital building.
7. Route 66 went past me.
8. Frank Lloyd Wright did some designing here.
9. Chicago lies 200 miles northeast of me.
10. St. Louis is 100 miles southwest and Indianapolis is 195 miles due east of me.

I am at the city of _____

Team members _____

CLUE SET #10

- 1.I am south of your last stop.
- 2.I have a population of just over 21,000 people.
- 3.I have one of the many SIU campuses here.
- 4.I have a Governor Cole memorial site.
- 5.I have a Dunlap lake.
- 6.My county is named after the fourth president of the U.S.
- 7.I am the third oldest town officially recognized by the State of Illinois.
- 8.People could ride the Yellow Hammer tram.
- 9.I am near Cahokia creek.
10. I was a site of a speech by President Lincoln.

I am at the city of _____

ANSWERS:

TO LEGEND WORKSHEET

1. Multilane Divided Access controlled Highway
2. Multilane Divided Highway
3. Multilane Undivided Highway
4. Two-Lane Highway
5. Interstate Route Markers
6. U.S. Route Markers
7. State Route Markers
8. Historic Route 66
9. Covered Bridge
10. Commercial Airport with Scheduled Service
11. General Aviation Airport
12. Railroad
13. 1,000 to 4,999
14. 5,000-9,999
15. 100,000 and over

Answers to Amazing Race

Clue set #1= Effingham

Clue set #2= Champaign

Clue set #3= Bloomington

Clue set #4= Rockford

Clue set #5= East Moline

Clue set #6= Galesburg

Clue set #7= Peoria

Clue set #8= Lincoln

Clue set #9= Springfield

Clue set #10= Edwardsville