

# ALPINE SCHOOL DISTRICT - KNOWLEDGE BOWL

# GEOGRAPHY

## 3<sup>rd</sup>/4<sup>th</sup> GRADE STUDY GUIDE

and

## 5<sup>th</sup>/6<sup>th</sup> GRADE STUDY GUIDE SECTION 1 of 2

## JUNIOR HIGH STUDY GUIDE SECTION 1 of 3

Students should know the following terms, concepts, and their applications.

### SECTION ONE: GEOGRAPHIC TERMS

(know the meanings of and/or be able to identify these terms)

airport	elevation	meadow	road
altitude	equator	mesa	road map
atlas	field	mine	rural
bank	foothill	mountain	sandbar
basin	forest	mouth, river	sand dune
bay	geyser	natural	scale
beach	glacier	North Pole	sea
biome	globe	oasis	sea level
butte	gulf	ocean	seaport
canal	harbor	pass	shoreline
canyon	hemisphere	peak	slope
cape	highway	peninsula	snowline
cave	hill	physical map	source
channel	horizon	plain	South Pole
cliff	iceberg	plateau	strait
climate	indigenous	point	swamp
coast	interstate	political map	Timber
community	irrigated land	pond	timberline
compass	island	power plant	town
compass rose	junction	prairie	tropic
continent	key (map)	railroad	tunnel
country	lake	range	urban
creek	latitude	rapids	upstream
current	legend (map)	reef	valley
dam	locks	reservoir	village
desert	longitude	resources	wetland
divide	map	ridge	
downstream	marsh	river	

## **SECTION TWO: GENERAL INFORMATION / MAP SKILLS**

Interpret information shown on maps and globes using legends and symbols.

Location and names of the seven continents

Location and names of the five oceans: Atlantic, Arctic, Indian, Pacific, Southern

Locate the northern and southern hemispheres using the equator

Locate the eastern and western hemispheres using the prime meridian

Identify global features: Equator, North Pole, Arctic Circle, Antarctic Circle, Tropic of Cancer, Tropic of Capricorn, Prime Meridian, International Date Line, 180 longitude (dividing eastern and western hemispheres), lines of latitude (parallels), lines of longitude (meridians)

Find location of places using cardinal directions: north, south, east, west

Find location of places using intermediate directions: northwest, northeast, southeast, southwest

Interpret simple legends or keys on maps

Use grids, scales, and symbols to identify physical and political features

Compare natural and human-made boundaries

Identify different types of political boundaries: city, county, state, national, international

Interpret different types of maps: road, relief, population, resource, climate

Differentiate among towns, cities, counties, states, countries, regions, and continents

Identify and differentiate physical features (rivers, mountains, lakes, etc.) and human made features (reservoirs, dams, canals, bridges, etc.)

## **SECTION THREE: UTAH**

Names and locations of Utah's 29 counties and their county seats

The five most populated counties in ranked order

Locations and names of Utah's national parks, national monuments, national forests, major rivers, major deserts, major mountain ranges, and major bodies of water

County and local cities associated with these mountains: Signal Peak, Mount Timpanogos, Navajo Mountain, Mount Nebo, Delano Peak, Deseret Peak, Brian Head Peak

Highest and lowest points in Utah

Hottest and coldest locations in Utah

Utah's ranking among the other fifty states in land size and population

Major religions of Utah

Locate on a map the regional settlements of indigenous communities of Utah:

Fremont, Ancestral Puebloans (Anasazi), Ute, Paiute, Goshute, Shoshone, Navajo

Given a map of Utah, identify the latitude and longitude for a given location, to the nearest whole degree

Given a map of Utah, identify a location given its latitude and longitude

Given a map of Utah, identify a location utilizing the map's grid system

Latitude and longitude ranges for Utah

Major interstate and U.S. highways running through Utah

Be familiar with and identify the city and/or county of significant landmarks:

Delicate Arch, Temple Square, Kennecott Copper Mine, Big Rock Candy Mountain, Utah Olympic Park, Newspaper Rock, Bonneville Speedway, Promontory Point (Golden Spike), Cove Fort, Dead Horse Point, Goblin Valley, Cleveland Lloyd Dinosaur Quarry, Bullfrog Basin

Names and locations of cities along the Wasatch Front

Names and locations of other major Utah communities: Logan, Cedar City, St. George, Vernal, Price, Delta, Moab

## **SECTION FOUR: UNITED STATES**

Locations and names of major rivers: Mississippi, Colorado, Missouri, Ohio, Snake, Hudson, Yukon, Rio Grande, St. Lawrence, Platte, Columbia, Sacramento

Locations and names of major lakes: Lake Superior, Lake Michigan, Lake Huron, Lake Erie, Lake Ontario, Lake Tahoe (Utah lakes are included in the section above.)

Locations and names of major mountains and ranges: Cascade, Sierra Nevada, Rocky Mountains, Appalachian, Mt. McKinley, Mt. Whitney, Mt. Rainier

Location and names of the 50 states and their capitals

Location and names of other major cities: New York City, Philadelphia, Miami, New Orleans, Chicago, Houston, St. Louis, Los Angeles, San Francisco, Seattle, Las Vegas

Location of the District of Columbia

Location and names of major national parks in the western United States:

Yellowstone, Grand Canyon, Mesa Verde, Glacier, Sequoia, Yosemite, Redwood, Death Valley, Petrified Forest, Mt. Rainier, Grand Teton, Rocky Mountain, Carlsbad Caverns

## **SECTION FIVE: WORLD**

Identify the continent of these major world rivers: Nile, Amazon, Danube, Chang Jiang (Yangtze), Huang Ho (Yellow), Ganges, Volga, Zaire (Congo)

(Major U.S. rivers are included in the section above.)

Identify the continent for these world mountains and ranges: Andes Mountains, Atlas Mountains, Himalayas, Urals, Alps, Aconcagua, Kilimanjaro, Mount Everest, Mont Blanc

Locate and name the countries of South America

Locate and name Japan and China along with their capitals

## **SECTION SIX: RESOURCES TO BE USED IN GAMES**

9-inch Political Globe

Utah Desk Map