**Human Geography: Chapter 1 KBAT Study Guide & Homework Options Grid = 40 Points**

1. Students need to KNOW and Be Able To:
* Define & explain geography, cartography, the geographic grid
* Explain geographic concepts such as place, location, scale, space, pattern, region, network, distribution
* Identify types of scale & projections used in mapmaking, explain advantages / disadvantages of each
* List types of diffusion & provide real world examples
* Define & explain ecology, possibilism and environmental determinism
1. Content & Academic Vocabulary:

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| Human Geography Concepts to KNOW |
| **Key Issue 1: Why is geography a science?**1.1: How do history & geography differ? What do geographers try to explain?1.1 Vocabulary: Place, Region, Scale, Space, Connection |
| 1.2: How did ancient Greeks & medieval Muslims & Europeans contribute to geography? 1.2 Vocabulary: Aristotle, Eratosthenes, Ptolemy, Ibn-Battuta, Waldesmuller, Ortelius |
| 1.3: What does one have to know & understand when reading maps? What happens when cartographers try to make an accurate map?1.3 Vocabulary: Map Scale types: ratio/fraction, written, graphic; Distortion (4 types); Projection Types: Mercator, Robinson, Goode Homolosine  |
| 1.4: How is the **Geographic Grid** set up & used to determine an exact location? How does the way GPS shows a location differ from a map? How many times zones exist? How many degrees apart are they? What happens when you travel across the International Date Line?1.4 Vocabulary: Longitude, Meridian; Latitude, Parallel; Prime Meridian, Equator; Greenwich Mean Time (GMT); Global Positioning System (GPS); Time Zones, International Date Line |
| 1.5: What technology & processes are used to create modern maps?  Which global companies dominate the modern **GPS** / **GIS** business?1.5 Vocabulary: Mashup, Geotagging, GIS (Geo Info System), Remote Sensing |
| **Key Issue 2: Why is EVERY place unique?**1.6: How are the concepts of place names, site and situation used to identify a location?1.6 Vocabulary: Location, Toponym, Site, Situation |
| 1.7: What makes a **REGION** A unique area? How are formal, functional / nodal & vernacular regions similar & different?1.7 Vocabulary: Cultural landscape, Region types: Formal, Functional / Nodal, Vernacular; Mental Map |
| **Key Issue 3: Why are places similar?**1.8: How do local, regional & global scales interact in today’s economic world?1.8 Vocabulary: Globalization, Transnational / Multinational Corporation, Cultural Diversity, Autonomy, Recession, Core v. Periphery country, Uneven Development,  |
| 1.9: How does the distribution of features help define a space? 1.9 Vocabulary: Distribution, Density, Concentration, Pattern |
| 1.10: How does cultural identity impact human interaction in space?1.10 Vocabulary: Cultural Identity & gender, race, ethnicity, sexuality; Poststructuralist Geography, Humanistic Geography, Behavioral Geography, Movement |
| **Key issue 4: Why are places connected?**1.11: How do features spread? In what ways does spatial interaction occur?1.11 Vocabulary: Node / Hearth, Diffusion & types – Relocation, Expansion [Hierarchical, Contagious / Viral, Stimulus], Network, Distance Decay, Space-Time Compression |
| 1.12: How can humans ensure that our world & its resources will be sustained?1.12 Vocabulary: Resource, Sustainability, Viable, Conservation, Equitable, Supply-Demand relationship, Biotic vs. Abiotic System [Atmosphere, Hydrosphere, Lithosphere, Biosphere], Ecosystem, Ecology  |
| 1.13: How do humans adjust to & modify their environment with the intent to improve their lives?1.13 Vocabulary: Environmental determinism v. Possibilism, the Everglades [issues] |

1. Homework / Classwork Project Options:

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| **A.** **COMPLETE Dated Chapter Notes (outline, Cornell or Thinking Map style) & a Daily Summary paragraph of 4-5 sentences** of your daily learning from the assigned readings, articles, in-class lecture, activity or discussion. (4 points / day) | **B. CONSTRUCT** well-written paragraph responses of about 5-7 sentences to any of the FOUR **Key Issue Questions** provided in the KBAT Study Guide. **Fully** answer the Q using info from each related section, examples & key vocabulary (4 points per Q) |
| **C. ANALYZE SOURCE MATERIAL**. Read, annotate & complete Qs on articles. Complete an ESPeN worksheet (on the “Class Documents” tab) to demonstrate your analysis of visual sources:- Any in-class article-based activity documents you completed- Figure 1.4.4 Changing Internet Usage (p. 11) - Figure 1.8.5 Unequal Access: The Rich-Poor Gap (p.19) - Figure 1.10.5 Maternal Mortality Rate (p.23) (4 points each) | **D. WRITE & SPEAK:**-Research any controversial topic presented in the chapter, then write 1-page Op-Ed article that explains your position on the issue, including two (2) sourced pieces of evidence. Deliver it as a speech or read it aloud for a bonus (4 points for Op-ed plus 4 points for speech). Some Qs to consider:-Should we turn our cell phone’s GPS location service on or off?-Should cities require local building owners to provide a certain minimum of affordable rental units (dedicated number of apartments or rent control) or let the market dictate rent prices?-Should the government pass “sustainability” laws to combat global warming?  |
| **E. CREATE:**-**A Mind Map** on 8.5 x 11” paper of either Glendale High OR your path to & from school that includes unique symbols for FOUR (4) locations that are most important to you. Write a paragraph explanation of your map & its locations on the back side of the paper (8 points); OR-**A Scale Map of your favorite room** (in your home or elsewhere) on 8.5 x 11” paper. Include accurate depictions of furnishings, space, & other features [such as doors and windows] in the room. Write a paragraph explanation of the room and why you chose it on the back side (8 points);-**A Scale Map of YOUR PERFECT NEIGHBORHOOD** on 8.5 x 11” paper that shows the DISTRIBUTION of houses, apartments, streets, a recreation area, & a shopping / business area. Consider what you see in Glendale, adjust according to what you like and dislike. Write a paragraph explanation of the neighborhood on the back side (8 points); OR-**A Photo Collage** on 8.5 x 11” paper that shows AT LEAST FOUR (4) different ways humans have modified their landscape to improve their lives. Consider food production, housing, transportation, etc. for your collage. Research, find & print appropriately sized photos, glue them on the document you are creating and label what modification has been done. Write a paragraph on the back side that explains where it is & what was done to improve the human experience, as well as any issues that arise (8 points).  | **F. FIELD WORK:**-**Research the best Public Transit Route to X destination**: Use the LA Metro website (<https://www.metro.net/riding/maps/>) or a similar “mapping app” to research the best route via public transportation (bus & light rail) to complete a day trip to TWO popular LA area locations such as Staples Center / LA Live, the LA Coliseum, Banc of CA Stadium, Mann’s Chinese Theater, the Hollywood Bowl, the Rose Bowl or any other interesting place of your choice. List the desired location & draw a map of the route that shows the major streets & transport lines you must take to get there from in front of GHS. Write a paragraph that explains why you chose the place, the route, the costs & why you chose that place. (8 points)-**Travel / Communication in the Business World using Time Zones**: You live in the LA region & are required to fly to your home office in New York City for a 10AM meeting on a Tuesday. You will stay at the corporation’s apartment in Manhattan at no cost. You are there to participate in a video conference with a client in Germany on Wednesday at 4PM German time. On the next day, Thursday, you are to video conference with a client in Japan at 11AM Japanese Time (its Friday there already). You fly back to LA the following afternoon, being available for a Friday morning 10AM meeting Eastern Time before you leave NYC. A. Research the best round trip economy class flight from LAX to a New York area airport (the company will pick you up). Consider not only the cost but departure and arrival times;B. Research what time you must make your call to Germany to connect with them at 4PM their time;C. Research what time you must make your call to Japan to connect with them on Friday, 11AM their time;D. Write a summary paragraph that explains your departure time from LAX and when you will arrive in the NYC area, when you need to call Germany and why, when you need to call Japan and why, and when you will leave NYC and arrive at LAX (8 points) |