## Critical Thinking Skills

Mapping Skills with Google Earth ${ }^{\text {TM }}$ Big Book

Mapping Skills with Google Earth ${ }^{\mathrm{TM}}$ - PK-2 - Mapping Skills with Google Earth ${ }^{\mathrm{TM}}$ - 3-5 - Mapping Skills with Google Earth ${ }^{\mathrm{TM}}$ - 6-8 - All three

|  |  | Reading Comprehension |  |  |  |  |  |
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|  | Skills for Critical Thinking | $\begin{aligned} & \text { ت } \\ & \text { In } \\ & 0 \\ & 0 \\ & \text { W } \end{aligned}$ | $\begin{aligned} & \text { N } \\ & \text { In } \\ & \text { 응 } \\ & \text { un } \end{aligned}$ | $\begin{aligned} & \text { m } \\ & \text { Ï } \\ & \text { ̈̈ } \\ & \text { n } \end{aligned}$ | + E O U - | $\begin{aligned} & \text { in } \\ & \text { an } \\ & 0 \\ & 0 \\ & \text { in } \end{aligned}$ | 0 E O - W |
|  | - Match <br> - Show or Label <br> - List Information <br> - Recall Details <br> - Find Information | $\checkmark$ <br> $\checkmark$ <br> $\checkmark$ | $\begin{aligned} & \checkmark \\ & \checkmark \\ & \checkmark \end{aligned}$ |  |  |  |  |
|  | - Describe \& Compare <br> - Summarize <br> - Explain <br> - Select |  | $\begin{aligned} & \checkmark \\ & \Omega \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \\ & \checkmark \\ & \checkmark \end{aligned}$ | $\checkmark$ <br> $\checkmark$ <br> $\checkmark$ | $\begin{aligned} & \checkmark \\ & \checkmark \\ & \checkmark \\ & \Omega \end{aligned}$ |
|  | - Organize Information <br> - Interview <br> - Apply <br> - Utilize Altnerative Rese Tools (Google Earth) | $\checkmark$ <br> $\checkmark$ | $\checkmark$ <br> $\checkmark$ <br> $\checkmark$ | $\checkmark$ <br> $\checkmark$ <br> $\checkmark$ | $\checkmark$ <br> $\checkmark$ <br> $\checkmark$ | $\checkmark$ <br> $\checkmark$ <br> $\checkmark$ | $\checkmark$ <br> $\checkmark$ <br> $\checkmark$ |
|  | - Conclude <br> - Analyze |  | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ |
|  | - Evaluate <br> - Compare |  | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\checkmark$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ |
|  | - Design <br> - Create | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ | $\begin{aligned} & \checkmark \\ & \checkmark \end{aligned}$ |

Based on Bloom's Taxonomy

## [1] How to Read a Map

## 1. Look around the classroom and put a check mark ( $\checkmark$ ) next to the answer which best describes the position of the item.

a) The teacher's desk is:

○ A at the front of the classroom.
O B in the back of the classroom.
○ C in the middle of the classroom.
O D in front of the windows.
b) My desk is:

○ A at the back of the class.
○ B at the front of the cldss.
○ C in the middle of the class.
O D in the hall.
2. Match the word on the left to its definition on the right by drawing a line.


| Shows direction | A |
| :---: | :---: |
| Small area, where people live | B |
| Pictures that have meaning | C |
| Using colors to explain | D |
| Explains symbols on a map | E |
| Drawing of an area | F |

## Latitude, Longitude and Time Zones



## Map Elements

1. Type in the coordinates listed below into the search field in Google Earth ${ }^{\text {TM }}$. Write the name of the country found at that location on the line provided.
a) $54.35^{\circ} \mathrm{N}, 1.53^{\circ} \mathrm{W}$
b) $15.27^{\circ} \mathrm{N}, 18.43^{\circ} \mathrm{E}$
c) $25^{\circ} \mathrm{S}, 135^{\circ} \mathrm{E}$
d) $41^{\circ} \mathrm{S}, 175^{\circ} \mathrm{E}$
e) $10^{\circ} \mathrm{S}, 52^{\circ} \mathrm{W}$
f) $22^{\circ} \mathrm{N}, 79^{\circ} \mathrm{E}$
g) $33^{\circ} \mathrm{N}, 103^{\circ} \mathrm{E}$
h) $62^{\circ} \mathrm{N}, 80^{\circ} \mathrm{E}$
i) $51.18^{\circ} \mathrm{N}, 10.22^{\circ} \mathrm{E}$
j) $0.59^{\circ} \mathrm{N}, 37.32^{\circ} \mathrm{E}$

2. Type in the coordinates listed below into the search field in Google Earth ${ }^{\text {TM }}$. Write the name of the bodies of water found at that location on the line provided.
a) $47.04^{\circ} \mathrm{N}, 86$.
b) $150^{\circ} \mathrm{E}, 1^{\circ} \mathrm{N}$

c) $10.16^{\circ} \mathrm{S}, 70.13^{\circ} \mathrm{E}$
d) $27.12^{\circ} \mathrm{N}, 39.24^{\circ} \mathrm{W}$
e) $85.23^{\circ} \mathrm{N}, 3.17^{\circ} \mathrm{E}$
f) $25.15^{\circ} \mathrm{N}, 90.03^{\circ} \mathrm{W}$
3. What are the coordinates for the Appalachian Mountains and the Rocky Mountains?

## Latitude, Longitude and Time Zones

Look at the map of the United States. In 1850, John and his family left New York, to look for gold in California. Answer the following questions by using the map. Remember: each line of longitude equals $\mathbf{1 5}$ degrees, which equals one hour.


1. If it is noon in New York, what time is it in Colorado? $\qquad$
2. If it is noon in New York, what time is it in California? $\qquad$
3. If it is noon in New York, what time is it in Nebraska? $\qquad$
4. If it is noon in New York, what time is it in Florida? $\qquad$
5. What is the time difference between the East and West coast? $\qquad$
6. If you travel West, does the time decrease or increase? $\qquad$
