

Illinois Through Time
IN-CLASS WORKSHEET

| | |
|------------------------------|--|
| Name: | |
| Discussion section & TA: | |
| Assigned geologic period(s): | |

GOAL: To reinforce an understanding of the geologic timeline and the environmental and geographic changes of the Phanerozoic. We will achieve this by collectively reconstructing the geologic and paleontological history of Illinois.



Before beginning, make sure that you have turned in one copy of your homework assignment to your TA. You will not receive credit for the assignment if you do not turn in a copy at the beginning of class.

There are three parts to the in-class activity.

First, you will discuss your homework assignment with the other students who were assigned the same geologic period. Trade your assignments and review them. Is there anything missing? Use the next ten minutes to combine the information in your assignments and to make any corrections

Your TA will tell you when to begin the second part of the activity. The class will be divided into two groups. With your group, use the information from your homework assignments to fill in the worksheet below. You will have about 25 minutes, so make sure that every geologic period gets its turn. Everyone should fill out their own worksheet. Make sure that your name is on the top of every page.

In the last few minutes of class, we will review the worksheet and compare the answers given by the two groups. You will have the chance to revise your answers.

Turn in the worksheet at the end of class. Maximum points for the in-class worksheet: 5.

NAME:

2

GEOGRAPHY OF ILLINOIS

| | |
|---------------------------------|--|
| Precambrian | |
| Cambrian | |
| Ordovician | |
| Silurian | |
| Devonian | |
| Carboniferous | |
| Permian | |
| Triassic | |
| Jurassic | |
| Cretaceous | |
| Tertiary (Paleogene/Neogene) | |
| Quaternary | |

NAME:

3

CLIMATE /ENVIRONMENT OF ILLINOIS

| | |
|---------------------------------|--|
| Precambrian | |
| Cambrian | |
| Ordovician | |
| Silurian | |
| Devonian | |
| Carboniferous | |
| Permian | |
| Triassic | |
| Jurassic | |
| Cretaceous | |
| Tertiary (Paleogene/Neogene) | |
| Quaternary | |

NAME:

4

NOTABLE EVENTS

| | |
|---------------------------------|--|
| Precambrian | |
| Cambrian | |
| Ordovician | |
| Silurian | |
| Devonian | |
| Carboniferous | |
| Permian | |
| Triassic | |
| Jurassic | |
| Cretaceous | |
| Tertiary (Paleogene/Neogene) | |
| Quaternary | |

NAME:

5

BIODIVERSITY

| | |
|---------------------------------|--|
| Precambrian | |
| Cambrian | |
| Ordovician | |
| Silurian | |
| Devonian | |
| Carboniferous | |
| Permian | |
| Triassic | |
| Jurassic | |
| Cretaceous | |
| Tertiary (Paleogene/Neogene) | |
| Quaternary | |