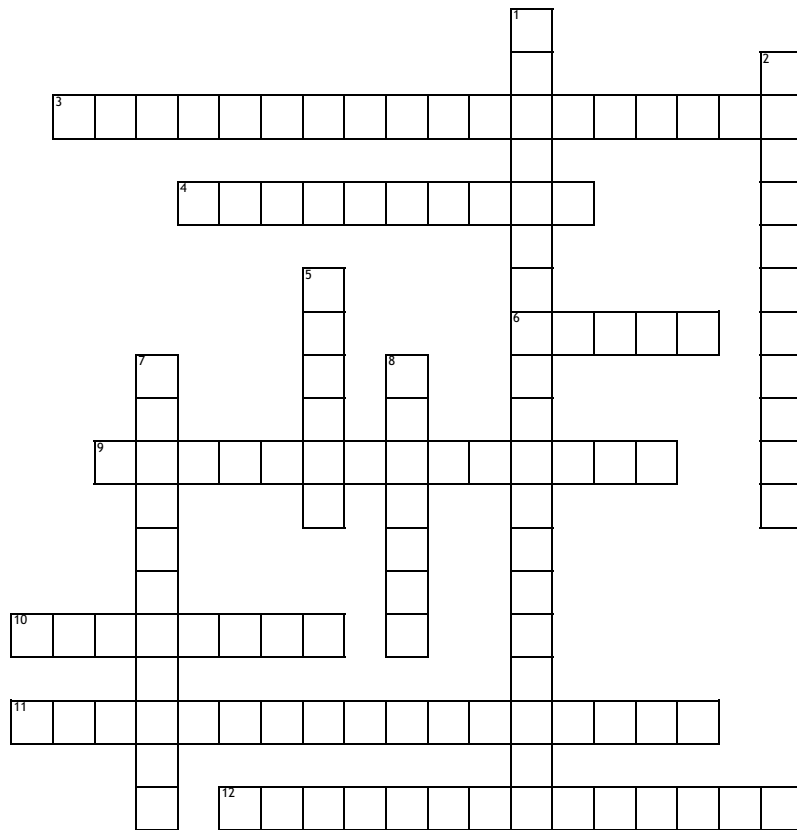


Earth History #1



Across

3. a basic law of geochronology, stating that in any undisturbed sequence of rocks deposited in layers
4. the state or process of a species, family, or larger group being or becoming extinct. "the extinction of the great auk"
6. the outermost layer of a planet
9. the science of determining the relative order of past events
10. between the end of the Precambrian eon and the beginning of the Ordovician period.
11. any method of determining the age of earth materials or objects of organic origin based on measurement of short-lived radioactive elements
12. process of determining an age on a specified chronology in archaeology and geology

Down

1. a system of chronological dating that relates geological strata to time
2. a fossil that is useful for dating and correlating the strata in which it is found
5. the remains or impression of a prehistoric organism preserved in petrified form
7. earliest era of earth history, ending 570 million years ago
8. a core sample that is typically removed from an ice sheet