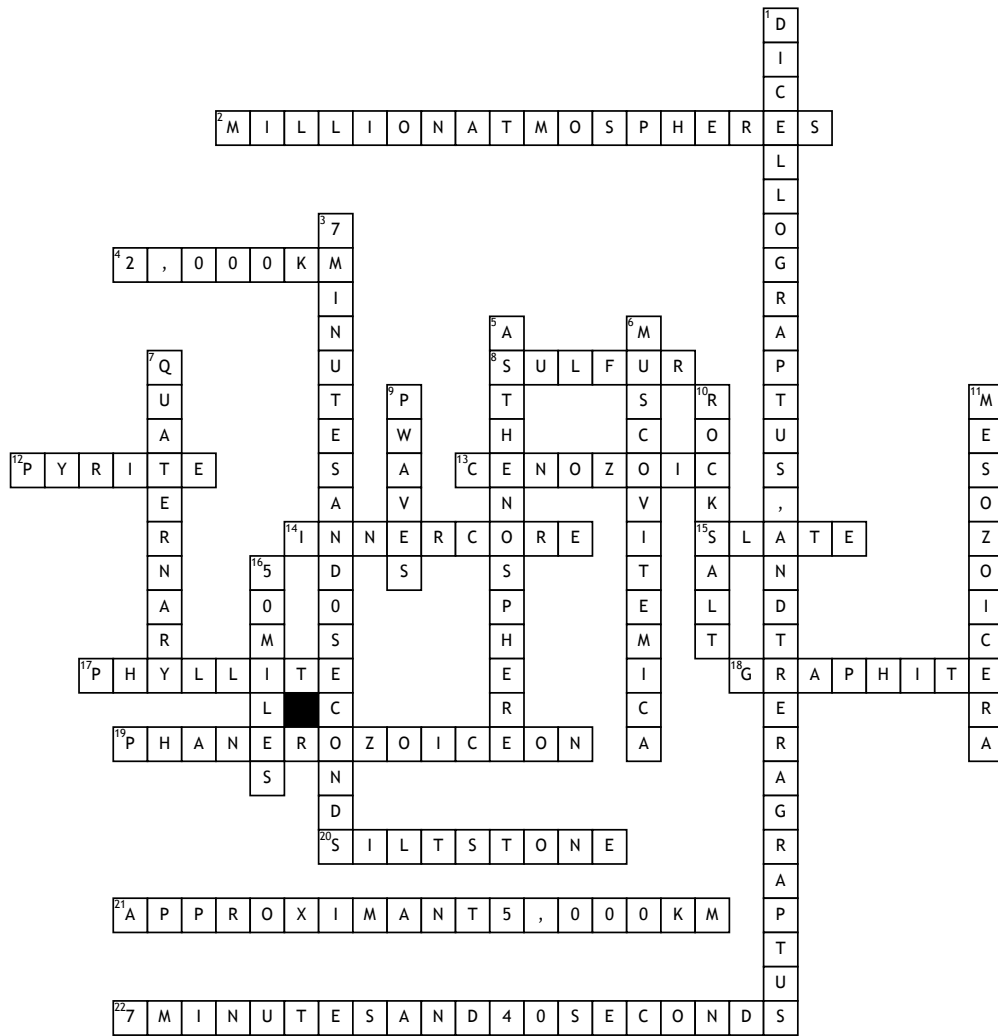


# Samyah's crossword



## Across

2. What is the unit of the measurement used for pressure?  
 4. If the p-wave takes 4 minutes and 0 seconds how far is away is the epicenter?  
 8. What is the name of the mineral that has the composition of S?  
 12. There is only one mineral that is brassy yellow which mineral is that?  
 13. In what era were fossils found of the beluga whale?  
 14. What layer of the earth is the most dense?  
 15. A foliated texture with a fine grain size must be what rock?

17. As slate goes through greater metamorphism what does it turn into?  
 18. Which mineral has metallic luster and the hardness 1-2  
 19. In what eon did the earliest mammals exist?  
 20. The size of 0.0004 to 0.006cm with a clastic texture is what rock?  
 21. At what depth do we reach the inner core?  
 22. If epicenter is 6200km away what is the time between the p and the s wave?

## Down

1. What index fossils of graptolites were found in new York state?

3. how long does it take a p-wave to travel 4,000 km?  
 5. At what layer does partial melting occur?  
 6. Which non-metallic mineral is used for paint, roofing?  
 7. In what period did advance and retreat of last continental ice occur?  
 9. Which travels faster P-wave or S-wave  
 10. Which rock is composed of halite?  
 11. What era did the Jurassic period occur during?  
 16. What is the altitude of the mesopause in miles?

## Word Bank

Approximant 5,000km	50 miles	Million atmospheres	Dicellograptus, and Treragraptus
Muscovite mica	phyllite	Quaternary	7 minutes and 0 seconds
Inner core	phanerozoic eon	2,000km	sulfur
Rock salt	7 minutes and 40 seconds	Mesozoic era	Graphite
Siltstone	Asthenosphere	Cenozoic	slate
P-waves	pyrite		