

Name: _____ Date: _____ Period: _____

Bill Nye: Time Video Worksheet

Answer the following questions, as they are shown in the Bill Nye video.



1. This episode is brought to you by _____.
Recognized the universe around as the beginning of time.
2. Time never goes _____.
3. The earth revolves around the sun in one month/year. (Circle One)
4. The moon revolves around the earth in one month/year. (Circle One)
5. One day is the amount of time it takes the _____ to rotate around its axis.
6. A shadow is the shortest at _____.
7. The world has _____ time zones. Each time zone is _____ wide.
8. We start counting time zones at the International _____. It is only on one side of the earth.
9. _____ were the first clocks to keep track of hours, because as the earth turns, its shadow turns with it.
10. Astronomers start the year when the day and night are the same length, the “equal night” or _____.
11. A leap year happens every _____ years, so we add a day on February 29.
12. A _____ was used by Galileo to keep time as he watched chandeliers swing in church.
13. The *speed of light* remains a constant _____ kilometers per second. It never changes.
14. Albert Einstein developed the Theory of _____ where the *speed of time* changes.
15. Time for astronauts passes ever so _____ compared to time on earth.
16. Time _____ is a problem with the rovers sent to Mars.
17. It takes _____ minutes for information from Mars to reach scientists on Earth.

18. Once time has passed, it is _____, you can never get it back.

19. We'll see you next time we cross the _____.

Did you know that?

In adolescence, time seems to drag ever so slowly, while around 25 years old have the most accurate sense of time. The next time you think, “Will this class never end?” remember that it is your perspective of time. At that very moment, I might be thinking “Just where did the time go?”

It's all relative!

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