

Sunrise - Sunset

Your assignment is to determine how much “longer” the days are getting as we approach summer.

Part A – Refer to the table (similar to the one below) to record the time of sunrise and sunset for Monday, April 2 through Friday, April 6.

	4/2/12	4/3/12	4/4/12	4/5/12	4/6/12
Sunrise time	6:31 am	6:29 am	6:28 am	6:26 am	?
Sunset time	7:18 pm	7:19 pm	7:20 pm	7:21 pm	?
Daylight hours	12 hrs, 47 min	?	?	?	?

Part B - Calculate the amount of daylight (in hours and minutes) for each of the next three days. Be careful when adding or subtracting minutes and hours, however. Look at the example for Monday, April 2, above.

Part C - Look for patterns and make predictions

- How much “longer” are the days getting?
- Predict the time of Friday’s sunrise and sunset (April 6). Show your work and explain your answer.
- Predict the time of sunrise and sunset for a week from Friday (April 13). Again, show your work and explain your answer.
- Predict the date on which we will have exactly 13 hours of sunlight.
- Write a paragraph discussing the cause(s) of the changing amount of daylight hours throughout a year.