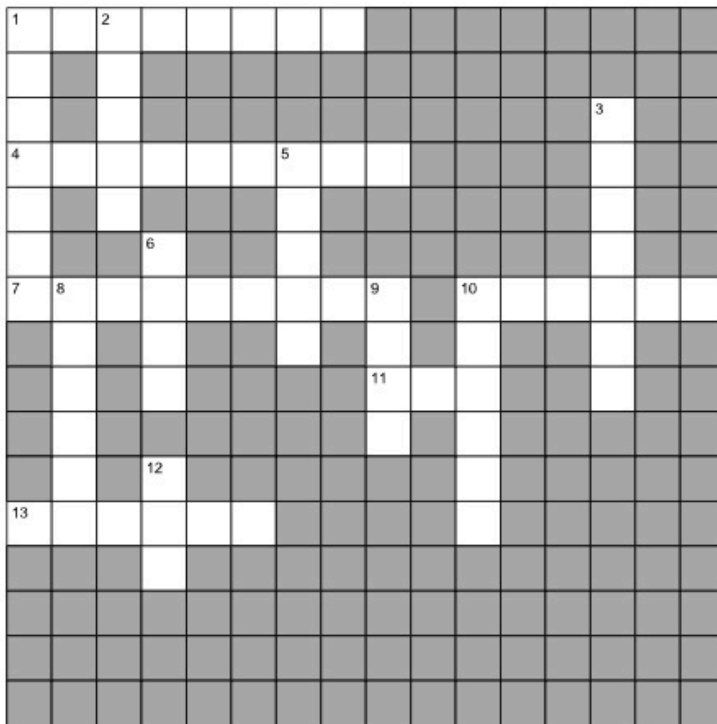




READ-A-THON

February 27&28, 2014

Astronomy

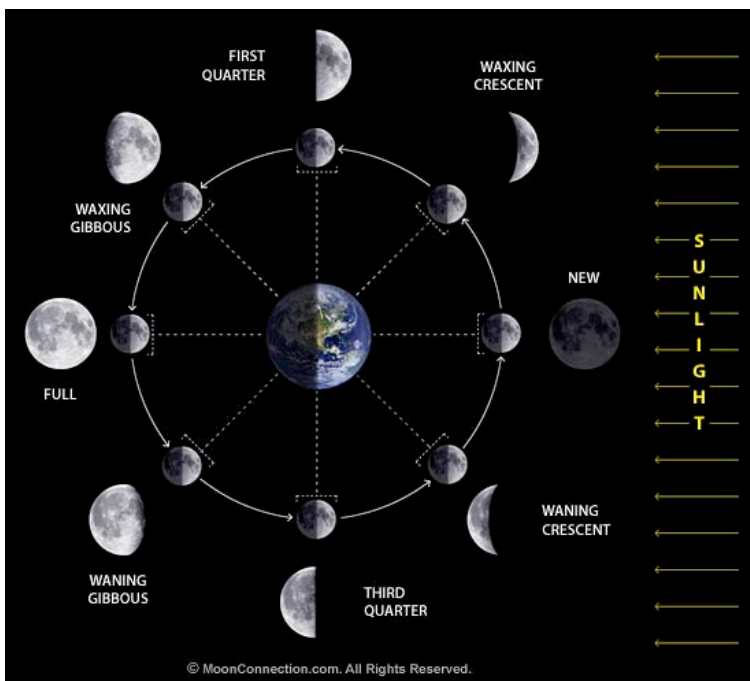


Across

1. The universe has billions of __. Each has billions of stars.
4. Collapse the sun into a teacup. Then you have one of these.
7. Anything that orbits around another object
10. Getting bigger
11. The biggest star in our solar system
13. The earth, moon, and Milky Way do this. But we're not dizzy!

Down

1. When the moon is more than half full but less than full
2. The kind of eclipse when the earth's shadow blocks the moon.
3. Every object experiences and causes the force of __.
5. To revolve around
6. Where the sun sets
8. The NASA missions that landed on the moon
9. Where the sun rises
10. Getting smaller
12. Between sunrise and sunset.



A Tale of Two Galaxies

The color and shape of a galaxy is largely controlled by gas flowing through an extended halo around it.

A galaxy with vigorous star formation can drive gas out of its own halo and cease to form stars.



A spiral galaxy like our Milky Way acquires gas for star formation and recycles it through a massive gaseous halo.

