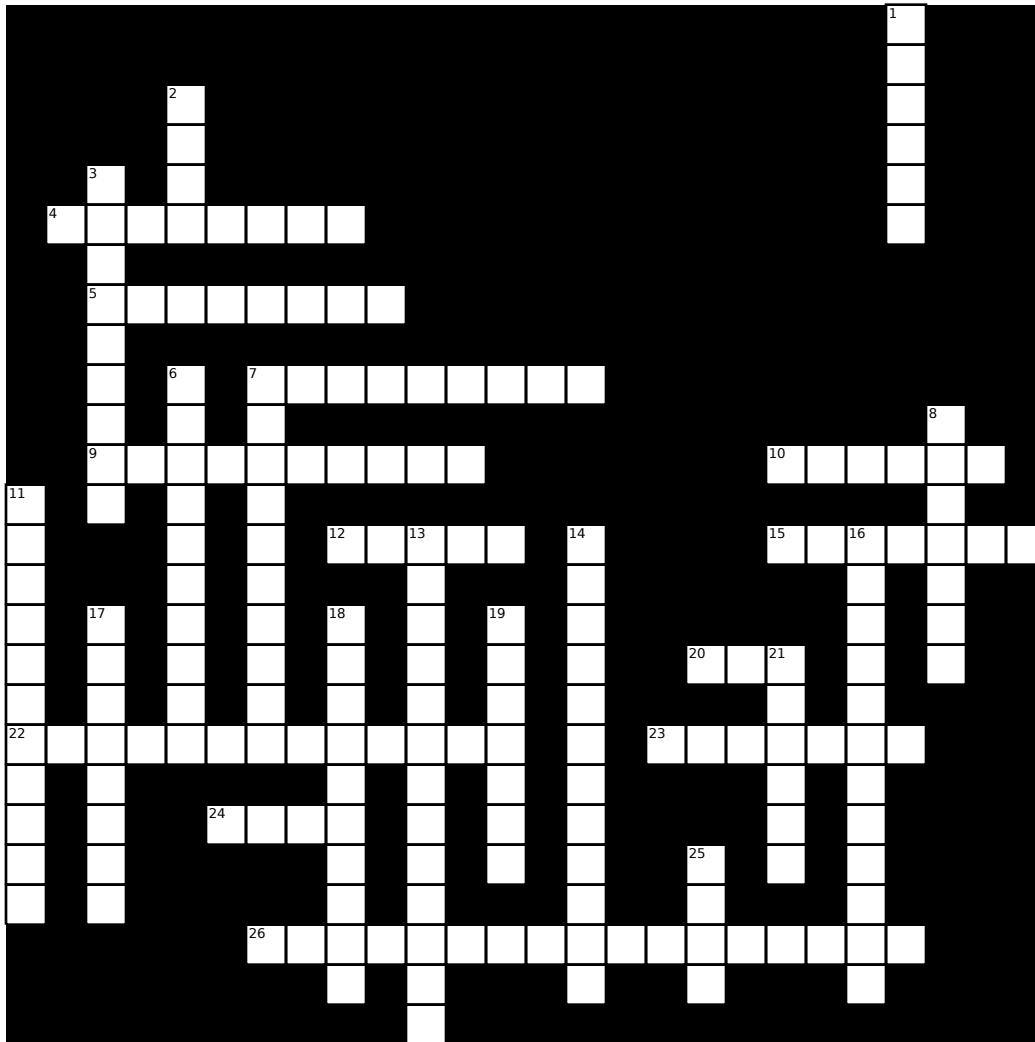


Grade 7 Astronomy Study Guide

Mrs. Weimer



- Across**
- 4 this and oxygen are the two most abundant gases in the atmosphere
 - 5 this and helium are what makes up the gases for the outer 4 planets
 - 7 cause of the tides (2 words)
 - 9 layer of gases that surround Earth
 - 10 this planet is different because it rotates on it's side
 - 12 this planet and Earth are similar in size and density
 - 15 inertia and ___ are the two factors that keep Earth and the moon in their orbit
 - 20 water vapor is in this form
 - 22 small asteroid-like bodies that become the building blocks of planets
 - 23 when neither end of the axis is pointed towards or away from the sun (March and Sept)
 - 24 this causes the seasons
 - 26 the gas from the gas giant planets cannot escape because of this force (2 words)

- Down**
- 1 the layers of the atmosphere in order (last is the first 2 letters of the word)
 - 2 a complete revolution for the Earth is this amt of time
 - 3 the distance light travels in a year
 - 6 the temp of the moon changes dramatically from day to night bc the moon has no ___
 - 7 where the ozone layer is found
 - 8 largest and most massive planet
 - 11 layer where weather occurs
 - 13 the sun (all stars) produce energy through this process (2 words)
 - 14 means the planets travel around the sun
 - 16 this is located between mars and jupiter
 - 17 day and night are caused by Earth's
 - 18 these galaxies have almost no gas and dust between the stars
 - 19 you never see ___ of the moon bc it the moon is rotating once for each revolution (synchronous rotation)
 - 21 our Milky Way galaxy is a ___ galaxy
 - 25 when nuclear fusion begins, a ___ will form