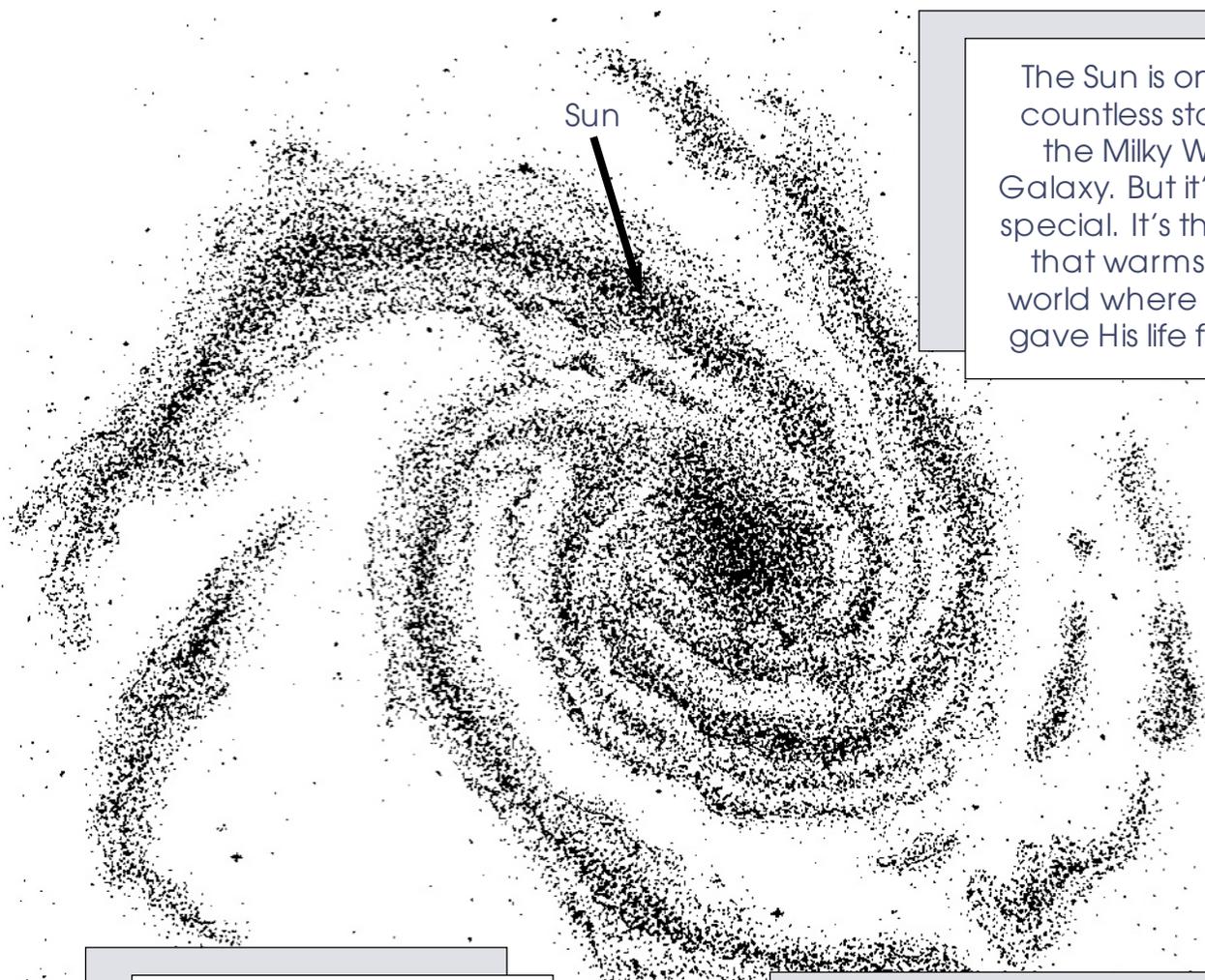


## THE MILKY WAY GALAXY

A measure of Christ's love!

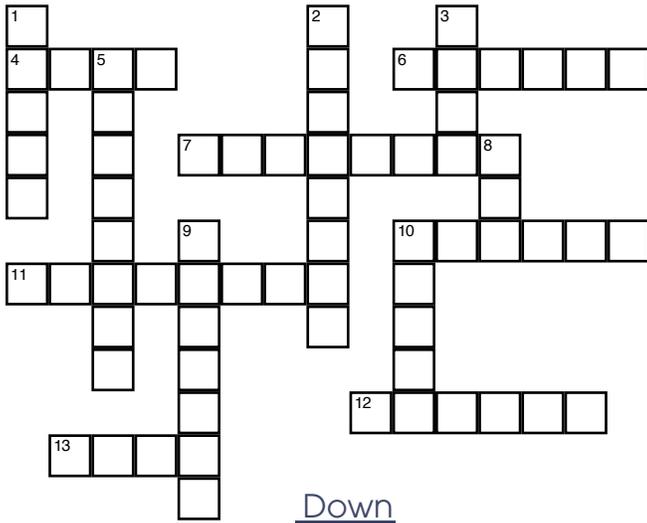


Sun

The Sun is one of countless stars in the Milky Way Galaxy. But it's very special. It's the star that warms the world where Jesus gave His life for us!

Our galaxy has about 200 billion stars. The Sun is an average-sized star.

If you stacked 200 billion pieces of paper one on top of each other, your pile of papers would reach 13 thousand miles (21 thousand kilometers) high!



Answers to CROSSWORD found in *kids' kreation #45*

**Down:** 1. LIFE 2. MACROORGANISM  
4. DISASSEMBLY 5. WISDOM  
7. ORDERLY 11. SOIL  
12. DEAD

**Across:** 3. CHEMICALS 4. DECOMPOSERS  
6. FORGIVING 8. HEAT  
9. DETRITUS 10. MYSTERY  
13. UNIVERSE

Down

Across

- 1. A globular cluster contains 10,000 to 1,000,000 \_\_\_\_\_.
- 2. The two moons of Mars, Phobos and Deimos, look like really big \_\_\_\_\_.
- 3. The Bible says that God is \_\_\_\_\_ (1 John 4:8).
- 5. Jesus traveled from Heaven to Earth, a trip of \_\_\_\_\_ distance.
- 8. The \_\_\_\_\_ is the closest star to Earth.
- 9. "For great is Your love, higher than the \_\_\_\_\_" (Psalm 108:4 a NIV).
- 10. The constellation Orion, and the open cluster of stars called Pleiades, are both mentioned in the \_\_\_\_\_.

- 4. A comet's \_\_\_\_\_ can be millions of miles/kilometers long.
- 6. \_\_\_\_\_ are dirty snowballs that are really huge.
- 7. Jesus created three different types of \_\_\_\_\_ : spiral, elliptical, and irregular.
- 10. Two stars that orbit around each other are called \_\_\_\_\_ stars.
- 11. Five hundred years ago, the \_\_\_\_\_ was thought to be the size of the solar system.
- 12. A \_\_\_\_\_ is a cloud of dust and gas in space.
- 13. The biggest \_\_\_\_\_ in the solar system is Ganymede (pronounced GAN - ah - meed).

**FAMILY ACTIVITY:**

**Orion model**

Try your hand at building a model of the constellation Orion. If you're successful, you should get an idea of how the Lord Jesus spaced the different stars in relation with one another. (Of course, God doesn't use wooden pegs—He's able to keep stars in place just by telling them to stay there!) You will need a total of 150 centimeters (cm) of wooden dowel, a board 15 cm wide, 30 cm long, and at least 2 & 1/2 cm thick. You will also need to drill holes with a drill bit that is the same thickness (diameter) as the wooden pegs. **DO NOT DRILL WITHOUT ADULT SUPERVISION!** Drill holes 2 & 1/2 cm deep into the board using the pattern sheet provided. Cut the dowels to the specified lengths and insert them into their respective holes. (Make sure they are straight up and down.) If you can, paint all the pegs and the board flat black. Glue a small ball of aluminum foil to the top of each of the pegs. Find a very dark room and have someone shine a flashlight (torch) on your homemade "stars" from about one meter (yard) behind you, and slightly off to the side, as you look at the constellation from the front of the board (see illustration).

