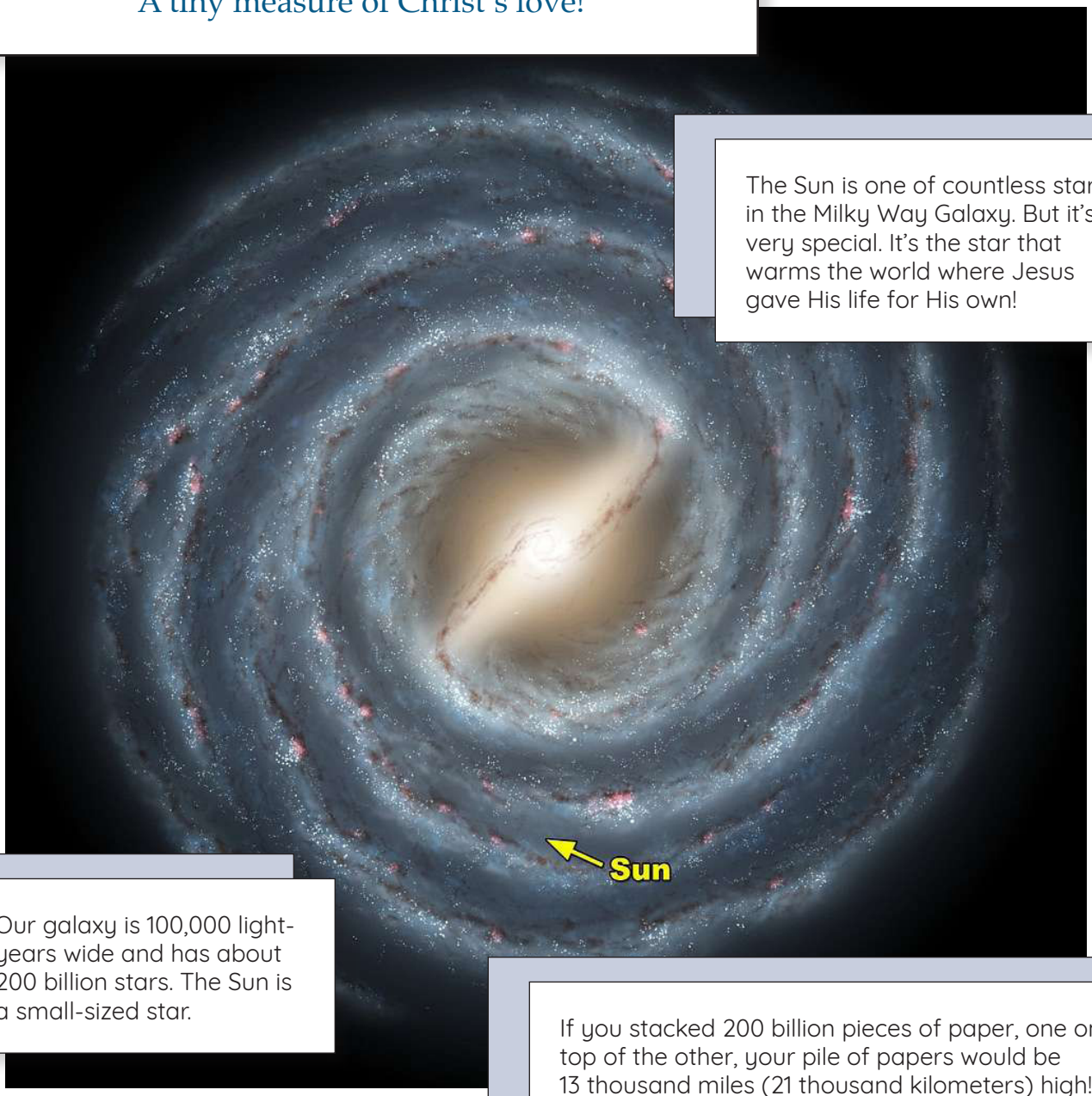
kids' kreation

120

The Milky Way Galaxy

A tiny measure of Christ's love!



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 His own!

Our galaxy is 100,000 light-years wide and has about 200 billion stars. The Sun is a small-sized star.

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

Oh, the depth of the riches both of the wisdom and knowledge of God! How unsearchable are His judgments and unfathomable His ways! Romans 11:33

PHOTO CREDITS:
Milky Way Galaxy—SpaceX CC0 1.0 Deed
Whirlpool Galaxy—NASA/ESA

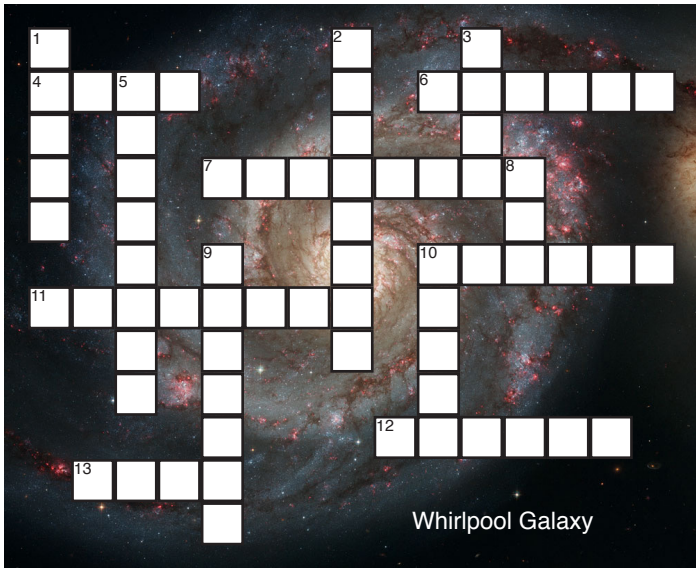
CROSSWORD

The words used in the CROSSWORD are taken from the article found in the ***CREATOR Journal*** Volume 29 Number 4.

Answers to CROSSWORD found in ***kids' kreation*** # 119

Across: 2. WIND 3. DARNEL 4. CULMS 5. HUMILITY 6. GRASS 9. CARBON 11. KINDNESS 13. STEMS 14. BREAD

Down: 1. FOOD 2. WORSHIP 4. CUTGRASS 7. ROOTS 8. CORN 10. HEAT 12. SEA



Down

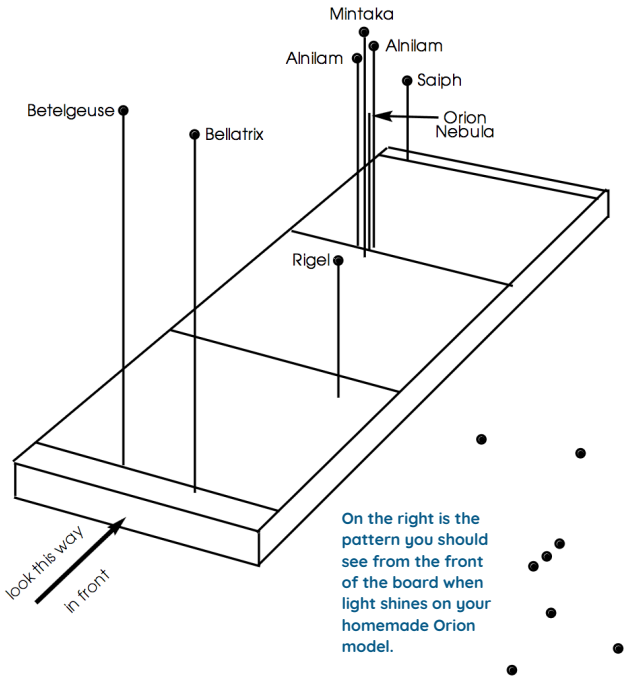
1. A globular cluster contains 10,000 to 1,000,000 ___ .
2. The two moons of Mars, Phobos and Deimos, look like really big _____ .
3. The Bible says that God is _____ (1 John 4:8).
5. Jesus traveled from Heaven to Earth, a trip of _____ distance.
8. The ___ is the closest star to Earth.
9. "For great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

Across

4. A comet's _____ can be millions of miles/ kilometers long.
6. _____ are huge, dirty "snowballs."
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 our Creator Jesus spaced the different stars in relation to 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 150 centimeters (cm) of wooden dowel, a board 15 cm wide, 30 cm long, and at least 2.5 cm thick. You will also need to drill holes with a bit the same thickness (diameter) as the wooden pegs. DO NOT DRILL OR CUT WITHOUT ADULT SUPERVISION! Drill holes 2.5 cm deep into the board using the pattern sheet provided. Cut the dowels to the specified lengths and insert them into their designated holes. (Make sure they are straight up and down.) Then 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).



On the right is the pattern you should see from the front of the board when light shines on your homemade Orion model.