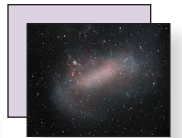


kids' kreation



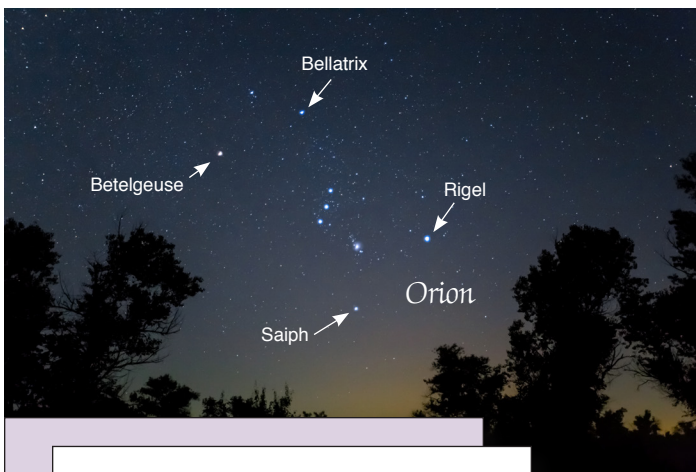
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FIERY FUSION

reveals Christ's awesome power

Our Lord Jesus balances the inward pull of a star's enormous gravity with its mighty fusion furnace. If a star of sufficient mass runs out of fuel, fusion ceases. Gravity will then cause it to collapse in on itself and explode outward as a supernova.



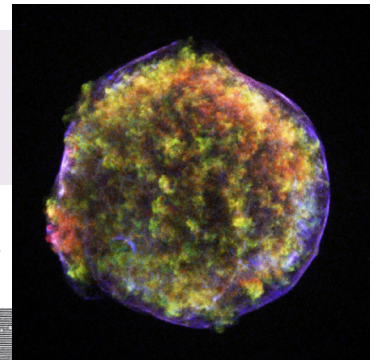
Betelgeuse (BEE - tell - jooz) is a red supergiant star in the constellation Orion that "burns" helium, forming carbon and an immense amount of energy.

Lift up your eyes on high and see: who created these? He who brings out their host by number, calling them all by name; by the greatness of His might and because He is strong in power, not one is missing. Isaiah 40:26



God "burns" hydrogen in the Sun to keep us warm. He also created stars that use helium, carbon, and oxygen as fuel.

This is the remnant of Supernova 1572 as seen in X-ray light from the Chandra space telescope.



Our Lord Is sovereign over all stars. On rare occasions, He causes one to explode, something only He can do. All this reveals His great meekness—power under control!

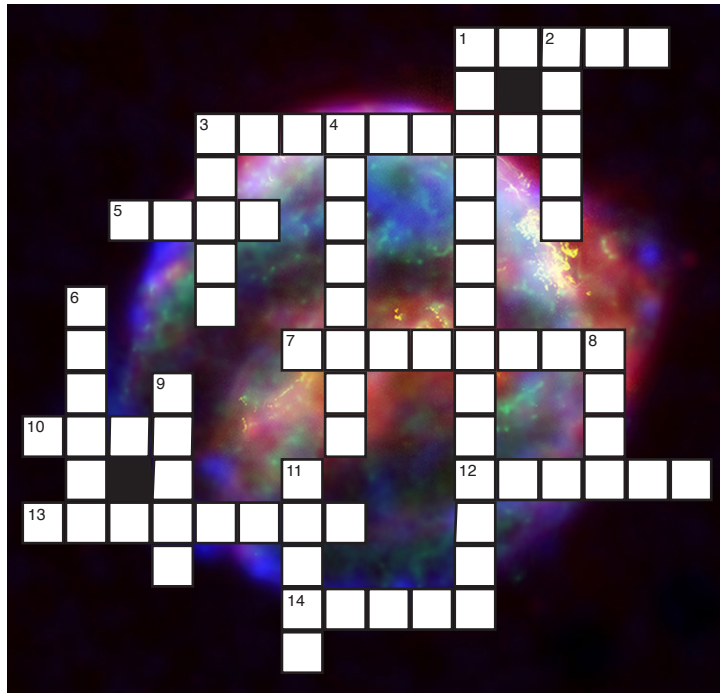
In 1572 A.D., a star in the constellation Cassiopeia went supernova. Many around the world observed it, including the famous astronomer Tycho Brahe.

CROSSWORD

The words used in the CROSSWORD and WORD SEARCH are taken from the articles found in the **CREATOR Journal** Volume 29 Number 1.

Answers to CROSSWORD found in **kids' kreation** # 116

Across: 3. CELLULOSE 5. ATOMS
6. GENIUS 9. OXYGEN 10. STAR
12. MINERALS 13. FIRE 14. SLOW
Down: 1. RUST 2. WOOD
3. COMBUSTION 4. ENERGY
7. FOOD 8. HEAT 11. GASES



Remnant of the 1604 A.D. supernova

Down

1. _____ captures the energy of the Sun and turns it into sugar.
2. Puritan Matthew Poole considered God's _____ as His "strange work."
3. Most _____ contain humongous amounts of hydrogen.
4. Albert _____ discovered that all matter has the potential to be transformed into energy.
6. The Large Magellanic Cloud is a _____ not far from Earth.
8. The energy inside living things comes from the energy of a _____ (our Sun).
9. In most galaxies, a star goes supernova about once every 50 to 100 _____.
11. One day, Jesus will transform all Creation and it will no longer be subject to _____.

PHOTO CREDITS

Constellation Orion—© Yuriy Kulik / Shutterstock
Supernova 1572—Public Domain
Sunset—© Jeneli / Shutterstock
Painting—Camille Flammarion 1884
1604 Supernova—NASA/ESA/JHU

Across

1. Meekness is "_____ under control."
3. An exploding star is called a _____.
5. The _____ Nebula is the remains of the famous 1054 A.D. supernova.
7. God prevents most stars from exploding. This is an example of Christ's _____.
10. Our Heavenly Father has packed a lot of energy in everything He has _____.
12. The _____ hidden in stars is released by fusion.
13. In a typical star, our Lord Jesus changes (transforms) _____ into helium.
14. Atoms in a star are being transformed into other kinds of _____.

WORD SEARCH

WORD BANK

ANGEL	GLORY	POWER
ENERGY	HYDROGEN	SAFE
FIRE	LIGHT	STAR
FUSION	MASS	SUPERNOVA
GALAXY	MEEKNESS	UNIVERSE

S E G L O R Y P A H
F U R E V G O F Y Y
L N P D R W M U S D
F I R E E A G S E R
Y V N R R A E I Y O
E E G M R N L O X G
F R A D K G O N A E
A S I E V E K V L N
S E E S W L S T A R
M M L I G H T R G E