

QUESTIONS FOR – FINDING THE SOURCE OF STARDUST

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# RICHIE'S QUESTIONS

## FINDING THE SOURCES OF STARDUST (AS ASKED BY RICHIE)

1. What is Stardust?
2. What are atoms?
3. What things are made of atoms?
4. What atoms are in our bodies?
5. What things are not made of atoms?
6. Where are new atoms made?
7. When was hydrogen created?
8. When was Helium created?



## QUESTIONS FOR – FINDING THE SOURCE OF STARDUST

9. When did the first stars form after the Big Bang?
10. How big were the first stars?
11. What is a supernova?
12. When did the first supernovas occur?
13. What causes a supernova?
14. What is an atomic number?
15. What atoms were created in the first supernovas? (List the atomic numbers)
16. What are neutron stars?
17. How are neutron stars created?

## QUESTIONS FOR – FINDING THE SOURCE OF STARDUST

18. What is the most unusual property of a neutron star?
  
19. How did we find the neutron star pairs?
  
20. What atoms were formed in neutron star pair collisions? (List the atomic numbers)
  
21. What other event creates the heaviest atoms?
  
22. What is nuclear fusion?
  
23. What is an atom's nucleus?
  
24. What holds the particles together in an atom's nucleus ?

# THE STARDUST MYSTERY PROJECT

THE STARDUST MYSTERY WEBSITE

<https://TheStardustMystery.com>  
[Educator Page with Science Topics](#)

STARDUST MYSTERY YouTube channel

<https://www.youtube.com/channel/UCa5CQnZA6StFXXvEs418DKg>  
Science Videos  
Game Trailers  
How-To Videos

[Animated Coronavirus Story for Kids 1: How Grandpa got COVID-19](#)  
[Explaining COVID-19 mRNA vaccines: An Animated Story for Kids](#)  
[Explaining Our Body's Factories: An Animated Story for Kids](#)

THE STARDUST MYSTERY VIDEO GAMES

<https://Store.SteamPowered.com>  
[MissionKT](#)  
[Building the Universe](#)

ILLUSTRATED SCIENCE ADVENTURE BOOKS

*THE STARDUST MYSTERY* is on [Amazon](#) and [Barnes & Noble](#)  
*THE RACE TO THE BIG BANG* is on [Amazon](#) and [Barnes & Noble](#)

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