

Milo's Stardust Mystery-Guided Discovery

What part of me is stardust?

Name: _____ Date: _____ Period: _____

Milo's Questions

Directions: Answer the following questions based on Milo's page and his related YouTube videos. Use full sentences and list where you found your answer (Expert Avatar, Stardust Mystery book excerpt, videos, Grandpa's Glossary, or other resources).

1. Why did Milo take a picture of the meat?

Source:

2. What are cells?

Source:

3. How can we see cells?

Source:

4. How big is a cell?

Source:

5. How small did Milo have to shrink to see cells up close?

Source:

6. What happened to Milo in the bloodstream?

Source

7. What are some parts of a cell?

Source:

8. What are chromosomes?

Source:

9. How does Milo test DNA to determine if it could be stardust?

Source:

10. What property of stardust is expected and how is it measured?

Source:

11. Why is DNA not stardust?

Source:

12. What is DNA made of?

Source:

13. Why is your DNA important to you?

Source:

14. What is stardust made of?

Source:

15. What are atoms made of?

Source:

16. At what temperature do most parts of the body disintegrate?

Source:

17. What does Professor Hawkins teach Milo?

Source:

18. Put the following in order from largest to smallest: Protons, Quarks, Cells, Genes, DNA, Atoms, Molecules, Chromosomes.

Source:

Discussion/Assessment Questions: Use these for in class discussions, small group discussions, or an assessment

- What are we made of?
- What makes up a cell?
- How small is a cell?
- What is the smallest piece of matter?
- How can we test if something is stardust?
- At what temperature do most parts of the body disintegrate?
- Why is my DNA important to me?
- What are atoms made of?

At Home-->Ask your kids...

- What were the Cosmic Kids up to?
- What are we made of?
- What size are my cells?
- How can I tell if something is stardust?
- Why is my DNA important?