

Name: _____ Date: _____ Period: _____

Lizzy's Stardust Mystery-Guided Discovery

How Much Stardust Do I Have?

Lizzy's Questions

Directions: Answer the following questions based on Lizzy's page and her 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).

19. What is an atom?

Source:

20. Who is Democritus?

Source:

21. What types of atoms would we find in our bodies?

Source:

22. What is the structure of an atom?

Source:

23. What are the parts of an atom?

Source:

24. Lizzy compares an atom to a family, what is another thing you could compare it to?

Source:

25. Can you see atoms without assistance?

Source:

26. How can you see atoms?

Source:

27. What is a LIZZY?

Source:

28. How big are atoms?

Source:

29. How many atoms are in our bodies?

Source:

30. How did Milo and Johari show how many atoms are in our bodies?

Source:

31. How small would I have to shrink to be the size of a strand of hair?

Source:

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

-What are atoms?

-What atoms are in our bodies?

-Where might we find them in our bodies?

-How many atoms are in our bodies?

-How did Democritus help the Cosmic Kids?

-Why did Lizzy shrink to the size of a piece of hair?

-How big are atoms?

At Home-->Ask your kids...

- What were the Cosmic Kids trying to find out?
- What are we made of?
- What happened to Lizzy when she shrunk to the size of a piece of dog fur?
- What is a LIZZY?