

Name: _____ Date: _____ Period: _____

VC's Stardust Mystery-Guided Discovery

How Is Stardust Shared?

VC's Questions

Directions: Answer the following questions based on VC'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).

32. What is aluminum recycling?

Source:

33. Explain atom recycling.

Source:

34. What is the carbon cycle?

Source:

35. What does carbon have to do with Global Warming?

Source:

36. How did carbon atoms get from Albert Einstein to VC?

Source:

37. How long do carbon atoms last?

Source:

38. How does carbon in the body become carbon dioxide?

Source:

39. How does carbon dioxide molecules become carbon in plants?

Source:

40. What is a probability?

Source

41. How do they use a sandbox to relate to probabilities?

Source:

42. What is the blue fraction?

Source:

43. How did they calculate how many atoms were recycled to you from a T-Rex or Albert Einstein?

Source:

44. How do we know we inherited atoms from Albert Einstein and a T-Rex?

Source:

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

- How does aluminum recycling work?
- Does the same thing happen to atoms in our bodies?
- How could a carbon atom get from Albert Einstein to me?
- What chemical reactions are involved in the transfer of atoms from one person to another?
- What other ways could we receive atoms from people or creatures from the past?
- What is the Carbon Cycle?
- What does carbon dioxide have to do with Global Warming?
- How do we calculate probabilities?

At Home-->Ask your kids...

- What are the cosmic kids trying to discover?
- Do I have atoms that were once in the bodies of Albert Einstein or a T-Rex?
- How can I find out how many atoms I inherited?
- How many carbon atoms do I have?
- Where did I inherit them from?