

Cross-Curricular Connections: Q

Directions: Define key vocabulary to gain scientific background knowledge in order to better understand the concepts covered in *SN*'s Top 10 science stories.

Environmental Science

Story 1. "[Half a degree stole the climate spotlight](#)"

What are greenhouse gases?

What is carbon capture?

Biological Sciences

Story 2. "[Claim of first gene-edited babies sounded alarms](#)"

What is CRISPR/Cas9?

What are "designer babies"?

Story 3. "[Crime solvers embraced genetic genealogy](#)"

What is DNA fingerprinting?

Story 6. "[We nudged closer to the Mosquito Terminator](#)"

What is a gene drive?

What is a disease vector?

Story 7. "[Researchers sent mixed messages about drinking](#)"

What is a meta-analysis?

What is the liver?

Story 9. "[Paralysis became less permanent with electricity](#)"

What is a spinal cord injury?

Story 10. "[Human smarts got a surprisingly early start](#)"

What are hominids?

Physics and Astronomy

Story 4. "[Neutrino discovery ushered in a new era of astronomy](#)"

What are neutrinos?

What are blazars?

Story 5. "[Crater renewed debate over an ancient climate mystery](#)"

What is a meteorite?

What is a comet?

Story 8. "[A buried lake on Mars excited and baffled scientists](#)"

What is freezing point depression?

What is an insulator?