

Supernovae 2011-2012

In January of 2012, the American Astronomical Society reported that the Hubble telescope had just detected a distant type 1a supernova by observing the faint glow of a star that exploded 9 billion years ago. This remote supernova should help astronomers determine whether the exploding stars remain dependable distance markers across vast distances of space. What can scientists learn from supernova of this type and how do they do that?

Use Blender software to prepare a presentation, in conjunction with Planetarium staff, that helps explain what supernovae teach us about the nature of the universe. Does the recent discovery support or contradict earlier understanding?

The Star ~ Arthur C. Clark
A Briefer History of Time ~ by Stephen Hawking