

To accomplish great things we must not only act, but also dream, not only plan, but also believe.

-- Anatole France



Signals of a Strange Universe

Credit: [High-Z Supernova Search Team](#), [HST](#), [NASA](#)

Explanation: Eleven years ago [results](#) were [first presented](#) indicating that most of the energy in our universe is not in stars or galaxies but is tied to space itself. In the language of cosmologists, a large [cosmological constant](#) is directly implied by new distant [supernovae](#) observations. Suggestions of a [cosmological constant](#) (λ) were [not new](#) -- they have existed since the advent of [modern relativistic cosmology](#). Such claims were not usually popular with astronomers, though, because λ is so unlike known [universe components](#), because λ 's value appeared limited by other observations, and because less- [strange cosmologies](#) without λ had previously done well in explaining the data. What is noteworthy here is the seemingly direct and reliable method of the observations and the good reputations of the [scientists conducting the investigations](#). Over the past eleven years, independent teams of astronomers have continued to accumulate data that appears to [confirm](#) the existence of [dark energy](#) and the unsettling result of a presently [accelerating universe](#). The [above picture](#) of a supernova that occurred in [1994](#) on the outskirts of a [spiral galaxy](#) was taken by one of these collaborations.

ideate

\EYE-dee-ayt\



verb

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Meaning

*1 : to form an idea or conception of

2 : to form an idea

Example Sentence

Joshua first ideated his vision of a water garden for his backyard after he went on a sightseeing tour of water fountains in Kansas City.

▣

Did you know?

Like "idea" and "ideal," "ideate" comes from the Greek verb "idein," which means "to see." The sight-thought connection came courtesy of Plato, the Greek philosopher who based his theory of the ideal on the concept of seeing, claiming that a true philosopher can see the essential nature of things and can recognize their ideal form or state. Early uses of "idea," "ideal," and "ideate" in English were associated with Platonic philosophy; "idea" meant "an archetype" or "a standard of perfection," "ideal" meant "existing as an archetype," and "ideate" referred to forming Platonic ideas. But though "ideate" is tied to ancient philosophy, the word itself is a modern concoction, relatively speaking. It first appeared in English only about 400 years ago.

*Indicates the sense illustrated in the example sentence.

Best Regards,

Ron Van Alstyne

Ready, Willing & Able

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