

## The Half Life Of Facts Why Everything We Know Has An Expiration Date Samuel Arbesman

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### The Half Life Of Facts

The Half-life of Facts is fun and fascinating, filled with wide-ranging stories and subtle insights about how facts are born, dance their dance, and die. In today's world, where knowledge often changes faster than we do, Samuel Arbesman's new book is essential reading."

### Amazon.com: The Half-Life of Facts: Why Everything We Know ...

p. 56 -- "we must gain a certain amount of knowledge in order to learn something new." p. 154 -- John Maynard Smith -- "statistics is the science that lets you do twenty experiments a year and publish one false result in Nature ... 1. What we, as a society, know about the world can be updated. ...

### The Half-Life of Facts: Why Everything We Know Has an ...

The Half-Life of Facts is a riveting journey into the counterintuitive fabric of knowledge. It can help us find new ways to measure the world while accepting the limits of how much we can know with certainty.

### The Half Life of Facts

" The Half-Life of Facts is easily one of the best books of the year on science." --Stephen L. Carter, New York Times bestselling author "[ The Half-Life of Facts] does what popular science should do -- both engages and entertains."

### The Half-Life of Facts: Why Everything We Know Has an ...

Half-life is the expected value when half the number of atoms have decayed. Carbon-14 has a half-life of 5730 years. Taking one atom of C-14, this will either have decayed after 5730 years, or it will not. But if this experiment is repeated again and again, it will be seen that the atom decays within the half life 50% of the time.

### Half-life (element) Facts for Kids

In biology, a half-life is the time taken for a substance to lose half its effects. The most obvious instance is drugs; the half-life is the time it takes for their effect to halve, or for half of the substance to leave the body.

### Half Life: The Decay of Knowledge and What to Do About It

The half-life of knowledge or half-life of facts is the amount of time that has to elapse before half of the knowledge or facts in a particular area is superseded or shown to be untrue. These coined terms belong to the field of quantitative analysis of science known as scientometrics.

### Half-life of knowledge - Wikipedia

This number — 704 million years — is a measurable amount of time, and it is known as the half-life of uranium. It turns out that facts, when viewed as a large body of knowledge, are just as predictable. Facts, in the aggregate, have half-lives: We can measure the amount of time for half of a subject's knowledge to be overturned.

### The Half-life of Facts - Farnam Street

Half-life, in radioactivity, the interval of time required for one-half of the atomic nuclei of a radioactive sample to decay (change spontaneously into other nuclear species by emitting particles and energy), or, equivalently, the time interval required for the number of disintegrations per second of a radioactive material to decrease by one-half.

### half-life | Definition & Facts | Britannica

This is a quote from Samuel Arbesman, author of The Half-life of Facts: Why Everything We Know Has an Expiration Date. He also has a blog right here on Wired called Social Dimension. The point of...

### The Impact of The Half-Life of Facts on Education | WIRED

As defined by geophysicists, the half-life (or half-value period) of a substance is the time required for one-half of the atoms in any size sample to radioactively decay. Radioactive elements have different isotopes that decay at different rates.

### Half-life | Encyclopedia.com

Game Theory: Gaming's Biggest Mystery SOLVED! | Half Life G MAN Theory - Duration: 15:13. The Game Theorists 5,811,256 views

### Top 10 Facts - Half-Life

In medical school they tell you half of what you are about to learn won't be true when you graduate - they just don't know which half. In every field of knowledge, half of what is true today will overturned, replaced, or refined at some point, and it turns out that we actually know when that will be for many things. In this episode, listen as author and scientist Sam Arbesman explains how understanding the half life of facts can lead to better lives, institutions, and, of course, better science.

### 099 - The Half Life of Facts by You Are Not So Smart ...

The Half-life of Facts is fun and fascinating, filled with wide-ranging stories and subtle insights about how facts are born, dance their dance, and die. In today's world, where knowledge often changes faster than we do, Samuel Arbesman's new book is essential reading."

### The Half-Life of Facts by Samuel Arbesman: 9781591846512 ...

Greetings Motherfactors! In today's video we're looking at one of the longest awaited video games, and one of the topics that you've asked for a lot in the past... Yes that's right, we're off to ...

### 101 Facts About Half-Life

Half-life is the expected value when half the number of atoms have decayed. Carbon-14 has a half-life of 5730 years. Taking one atom of C-14, this will either have decayed after 5730 years, or it will not. But if this experiment is repeated again and again, it will be seen that the atom decays within the half life 50% of the time.

### Half-life (element) Facts for Kids | KidzSearch.com

The original Half-Life hit PCs in 1998; the sequel finally dropped in 2004. That means, between them, the Half-Life franchise has at this point been around for fifteen years. In that time, only a...

### 10 Things You Didn't Know About Half-Life

The Half-Life of Facts is a riveting journey into the counterintuitive fabric of knowledge. It can help us find new ways to measure the world while accepting the limits of how much we can know with certainty.

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