



WolframAlpha[™] computational[™]
knowledge engine

Michael Looney

VP Vertical Markets



Changing Learning Through Great Technologies



That Is Exactly
What Wolfram|Alpha
Will Do



But What Is
Wolfram|Alpha?

It's **Not** A Search Engine

One Way To Think Of It Is

Fact Engine or
Answer Engine or
Knowledge Engine

And It Will Change
Education Forever

A Computational Knowledge Engine



**Who Made This
Possible?**

Stephen Wolfram

Background:

- **Physicist,**
- **Software developer**
- **Mathematician**
- **Author**
- **Businessman**

Known for his work in:

- **Theoretical particle physics,**
- **Cosmology,**
- **Cellular automata,**
- **Computational**
- **Complexity theory,**
- **Computer algebra**

And:

- The Wolfram Alpha computational knowledge engine



He Had/Has
A Vision

Make All The Factual
Knowledge Of
Mankind
Available and
Computable

The Results Are Already Astounding



And...

It is the quintessential
STEM learning tool

Where Do We Go From Here?

- Everywhere – ubiquity
- Mobile
- Interactive Learning
 - eCurriculum
 - eBooks



THE THEODORE GRAY Elements



I GIVE YOU HERE THE UNIVERSAL CATALOG OF EVERYTHING YOU CAN DROP ON YOUR FOOT. THESE ARE THE ELEMENTS, THE BUILDING BLOCKS OF YOUR WORLD AND THE BASIC STUFF OF ALL THAT IS HERE OR THERE OR ANYWHERE. ENJOY! TOUCH ANY ELEMENT TO SEE MORE, THEN GO TO ITS SECOND PAGE FOR ROTATABLE SAMPLES AND A STORY OR TWO.

PHOTOGRAPHS BY THEODORE GRAY AND NICK MANN

- [Song](#)
- [About](#)
- [Contents](#)
- [Back](#)



W|A Widgets

bing™

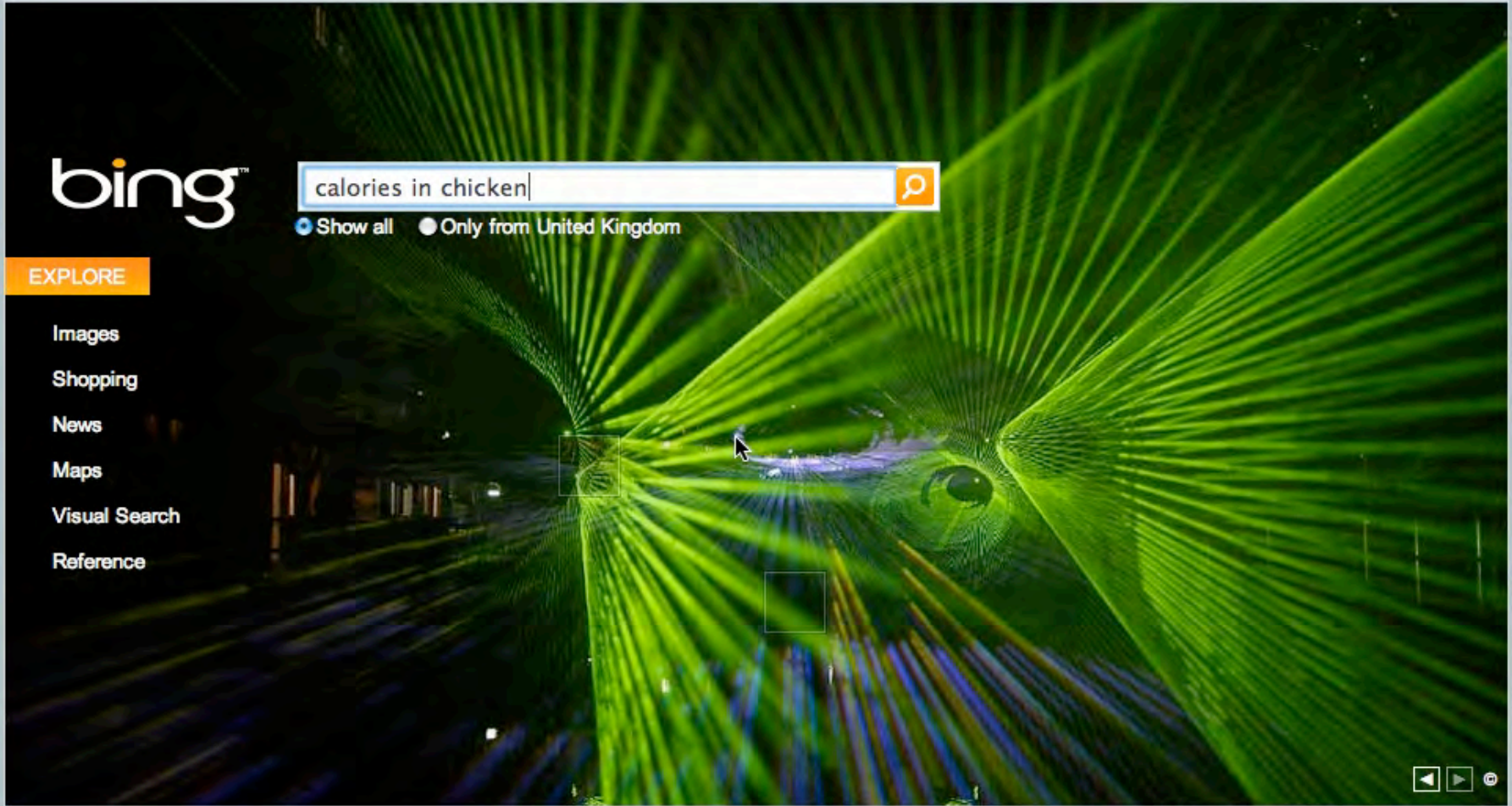
calories in chicken



Show all Only from United Kingdom

EXPLORE

- Images
- Shopping
- News
- Maps
- Visual Search
- Reference



Bing video of the day
Fighting malaria with lasers

Laze the day away
But you must check the weather

Jim Henson died 20 years ago today
Let's remember one of the world's best puppeteers with some of his work

The Future of Wolfram|Alpha in Education

What Are the Problems We Want to Address?
What are Opportunities We Haven't
Even Thought Of?



A Revolutionary Tool for 21st Century Learning