Christian Fundamentalists in the Physics Classroom

Sean M. Cordry, PhD Walters State Community College, Morristown, TN smcordry@ws.edu

Why Does It Matter?

TIME | Newsfeed

TYTNETWORK

THE DENVER POST

These Coloradans say Earth is flat. 's a hoax. Now, they're cuted.

ment is growing in Colorado, thanks to pticism about science

Does the Earth go around the sun, or does

1 in 4 Americans Appare

the Earth Orbits the Sun ≡ YOUNG TURKS

SCIENCE

Samantha Grossman

Feb 16, 2014

"The first academic freedom bills popped up in the early 2000s, but until this year only three had become law: one in Mississippi in 2006, one in Louisiana in 2008 and another in Tennessee in 2012."



同

Erin Ross, Scientific American

а собрание и полнати и по

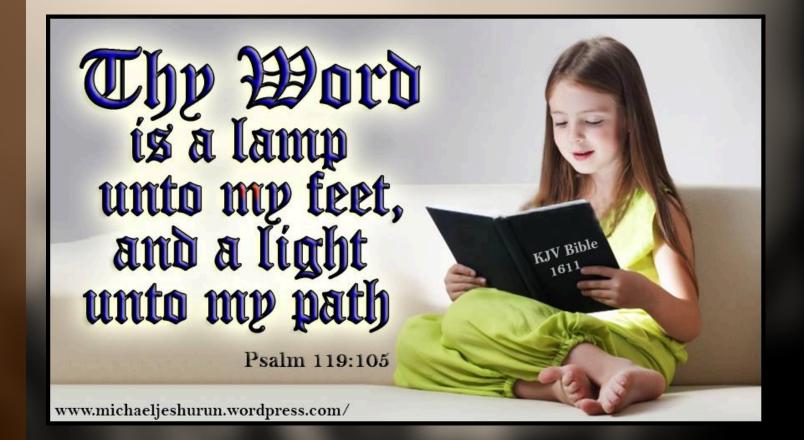
Watch Now From \$3.99 (SD) on Amazon Video 1 of 5

Members of Flat Earth Fort Collins watch YouTube videos on the topic at a meet up on June 27, 2017 at the Purple Cup in Fort Collins. The group is skeptical of the science behind the Earth being a spinning sphere.

By GRAHAM AMBROSE | gambrose@denverpost.com | The Denver Post PUBLISHED: July 7, 2017 at 6:00 am | UPDATED: July 7, 2017 at 3:44 pm

Their Characteristics (Generally)

- Knowledge is <u>revealed</u>
 - Scripture/Teacher/Pastor
 - Skepticism is bad
- Science is <u>defective</u>
 - Will catch-up with Bible
 - Misled by Satan
- There is a <u>spiritual war</u>
 - Fate of USA at stake
 - It <u>is</u> a conspiracy
- Biblically <u>illiterate</u>
 - Despite Biblical reverence



Home-schooler Characteristics

- U.S. Dept. of Education Statistics¹ 2012 data
 - 3.4 % of school-aged children
 - Reasons:
 - 64% "provide religious instruction"
 (36% as top reason²)
 - 77% "provide moral instruction"
 - 91% "concern about environment"
 - 74% "dissatisfaction with academic[s]"

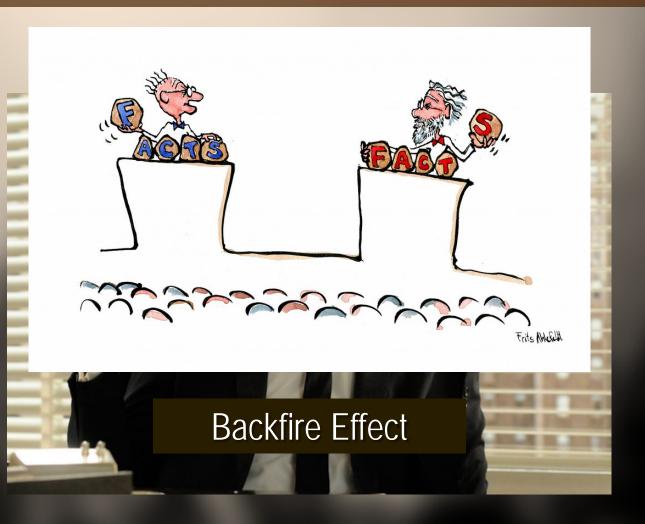
 In 2014, home-school enrollment surpassed privateschool enrollment in North Carolina³

• Secular home-schoolers have difficulty finding curricula.⁴

• In an extensive search, this author was unable to find an evangelical home-school curriculum that wasn't both Libertarian and Creationist

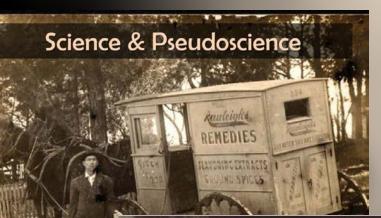
Advice: The Don'ts

- Laugh
- Speak derogatively
- Argue facts or debate



Ę

Advice: The Do's



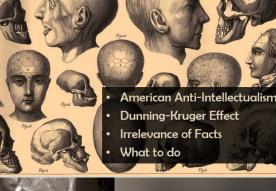
Science & Pseudoscience: Method

> Deduction Induction Hypothesis The Method

Remember, they think:

- Knowledge is <u>revealed</u>
- Science is <u>defective</u>
- There is a <u>spiritual war</u>
- Biblically illitorate

Science & Pseudoscience: Psychology of Pseudoscience



Science & Pseudoscience: Falsification and Hypothesis



