

Milking Sacred Cows Video Resources with links:

Light as Waves vs Particles

Video Explanation: Dr Quantum – Double Slit Experiment (~5 min)

<https://www.youtube.com/watch?v=DfPeprQ7oGc>

History of the debate: American Physical Society (text)

<https://www.aps.org/publications/apsnews/200805/physicshistory.cfm>

How it gets even weirder: Space Time from PBS Digital Studios (~15 min)

https://www.youtube.com/watch?v=8ORLN_KwAgs

Nature vs Nurture

Video Explanation of Epigenetics: Jack Mac (~3 min)

<https://www.youtube.com/watch?v=F3bulQ5BcUc>

Video Explanation of Epigenetics: Minute Earth (~3 min)

<https://www.youtube.com/watch?v=AvB0q3mg4sQ>

Video Explanation of Epigenetics: SciShow (BBC) (~10 min)

<https://www.youtube.com/watch?v=kp1bZEUgqVI>

History of the debate: Psychology Today (text)

<https://www.psychologytoday.com/us/blog/abcs-child-psychiatry/201710/nature-versus-nurture-where-we-are-in-2017>

“[B]y 2006 national tests had been administered in over half of the world’s developing countries and 75% of developed countries.”

William C. Smith, *The Global Expansion Of The Testing Culture: National Testing Policies And The Reconstruction Of Education* p. 1 (Doctoral dissertation 2014)

Smith's study identified 31 of 61 countries that participated in the 2009 PISA test used testing for accountability. (Table 4, p. 55)

According to the World Bank “test-based education may be crowding out emphasis on well-rounded skills, personality development, and critical thinking that might come from a more problem-solving or dialogic approach to education”

William C. Smith, *The Global Expansion Of The Testing Culture: National Testing Policies And The Reconstruction Of Education* p. 22 (Doctoral dissertation 2014)

Student Saying, “It doesn’t seem like a high school. It seems like a state prison.”

https://www.washingtonpost.com/local/education/do-children-have-a-right-to-literacy-attorneys-are-testing-that-question/2018/08/13/926d0016-9042-11e8-8322-b5482bf5e0f5_story.html?utm_term=.6d228d2b21d8

“[T]he measuring device has been constructed by the observer, and we have to remember that what we observe is not nature in itself but nature exposed to our method of questioning.”

Werner Heisenberg, *Physics and Philosophy: The Revolution in Modern Science*, pp. 24–25 (Harper 2007).

“Our schools fail because they are based on the false premise that education is something that is done to young people by professionals, not something that young people do for themselves.”

<https://www.psychologytoday.com/us/blog/freedom-learn/201306/education-revolution-help-us-reach-the-tipping-point>