

Resources for Teachers: Science & Philosophy

Neuroscience and Free Will

YouTube Playlist of MOOC videos:

<https://www.youtube.com/playlist?list=PLKuMaHOvHA4rTSulOzNa9VKkju3RWKwVc>

Discussion Prompt: Does it matter if we have free will or not?

Reading:

["Free Will and Science" \(with study questions, reading suggestions, and glossary of terms\)](#)

Essay/discussion question:

Does science show that there is no such thing as free will?

Further resources on the web

Introduction to Philosophy Free Online Course Module:

"Do we have free will and does it matter?":

<https://www.youtube.com/watch?v=Ktk4Api4xcc&list=PLKuMaHOvHA4qOFoazLOcUuGjUmWI0mPd3>

[YouTube video] The Libet Experiment: Is Free Will Just an Illusion? (2mins)

<https://www.youtube.com/watch?v=OjCt-L0Ph5o>

Podcasts:

Philosophy Bites podcasts on free will: <https://philosophybites.com/free-will/>

Philosophy Talk podcast on free will:

<https://www.philosophytalk.org/shows/neuroscience-and-free-will>

<https://www.philosophytalk.org/shows/free-will-illusion>

<https://www.philosophytalk.org/shows/challenges-free-will>

University of Oxford podcasts on free will: <https://podcasts.ox.ac.uk/keywords/free-will>

Advanced Reading

Al Mele - Free Will and Neuroscience

http://digitalcommons.brockport.edu/phil_ex/vol43/iss1/3/

The Stanford Encyclopedia of Philosophy

O'Connor, Timothy, "Free Will", (Summer 2016 Edition), Edward N. Zalta (ed.), URL =

<<https://plato.stanford.edu/archives/sum2016/entries/freewill/>>.

Are Science and Religion in Conflict?

YouTube Playlist of MOOC videos:

<https://www.youtube.com/watch?v=HJEPzsNB30g&list=PLKuMaHOvHA4ojkmyebBRdYiH4UGxTPGgn>

Recommended reading

[De Cruz, Helen, "Religion and Science", *The Stanford Encyclopedia of Philosophy* \(Spring 2017 Edition\), Edward N. Zalta \(ed.\).](#)

Supplementary reading

[Murray, Michael J. and Rea, Michael, "Philosophy and Christian Theology", *The Stanford Encyclopedia of Philosophy* \(Winter 2016 Edition\), Edward N. Zalta \(ed.\).](#)

Do Scientific Claims Constitute Absolute Truths?

YouTube Playlist of MOOC videos:

https://www.youtube.com/watch?v=sb8LPB8pjzg&list=PLKuMaHOvHA4pdo2UmCS_KdTapCgeuezAr

Essay/discussion question:

Does disagreement about a subject constitute a good reason to be a relativist about the subject matter in question?

Further resources on the web

Podcasts

['Philosophy Talk' podcast: Interview with Professor Helen Longino on truth and relativism.](#)

['Philosophy Bites' podcast: Interview with Professor Tim Williamson on why relativism is appealing.](#)

['Philosophy Bites' podcast: Interview with Professor Simon Blackburn on moral relativism.](#)

Introduction to Philosophy Free Online Course Module: Morality: Objective, Emotive, or Relative?:

<https://www.youtube.com/watch?v=R7gHPXnVmac&list=PLKuMaHOvHA4qcNkKLK1HeS4uhgNhWjlu>

Evolution and Creationism

YouTube Playlist of MOOC videos:

<https://www.youtube.com/playlist?list=PLKuMaHOvHA4rxuZTvFmYF4bG91YrYEFbd>

Essay/Discussion question:

How would you distinguish science from 'pseudo-science'?

How important is Darwin's natural selection as an evolutionary mechanism in modern evolutionary biology?

Readings:

[Creationism and evolutionary biology](#)

Further resources on the web

Podcasts

['Philosophy Bites' podcast on distinguishing science from non-science.](#)

Videos

Learn about what Pseudoscience is with the ['Crash Course Philosophy' video \[YouTube link\]: "Karl Popper, Science, and Pseudoscience"](#).

Learn about Evolution in detail with the Khan Academy video series on ["Evolution and the Tree of Life"](#).

Advanced readings:

[Gould, Stephen Jay, "Darwinian Fundamentalism", The New York Review of Books.](#)

[Griffiths, Paul, "Philosophy of Biology", The Stanford Encyclopedia of Philosophy \(Winter 2014 Edition\), Edward N. Zalta \(ed.\).](#)

[Ruse, Michael, "Creationism", The Stanford Encyclopedia of Philosophy \(Summer 2014 Edition\), Edward N. Zalta \(ed.\).](#)

[Hansson, Sven Ove, "Science and Pseudo-Science", Stanford Encyclopedia of Philosophy \(Summer 2017 Edition\), Edward N. Zalta \(ed.\).](#)