

Appendix Links to the video version of this book

Word-for-word, the contents of this book, *Human nature, worth, and civilization* by Robert Dalling, have been narrated into some forty-hours of classroom video. Thanks go to two-dozen students who helped with narration. Links to the videos are given below in the order of topics that I cover in the course. Lists of all the videos in this Big History course, can be found at

www.HumanismWeb.net,

or

www.youtube.com/user/TheStoryOfUsHumans/videos,

or

www.youtube.com/channel/UCIQPH2gfuidjdqWNaefxW8Q/videos.

Topic 1

Human senses and emotions. The steps that occur as we fall in love. See <https://www.youtube.com/watch?v=Rz9WKD-3nDs>.

Our innate emotions are happiness, sadness, fear, and disgust, and our social emotions are sympathy, pride, embarrassment, guilt, shame, and anger. We get angry only when we feel that have been wronged. You are born with these emotion. You don't have to be taught emotions, the reactions are innate. Every human being on the planet, past or present, shares the same emotions.

Topic 2

Kanzi is a Bonobo Chimpanzee who understands hundreds of spoken words. Kanzi tells us much about ourselves and how similar we are to other mammals. See

“Kanzi, an ape of genius,” at

<https://www.youtube.com/watch?v=dBUHWoFnuB4&list=PLB4411A9C9B7CCEEA>.

Kanzi and Panbanisha also write, make stone tools, play musical instruments, and blow out candles on birthday cakes. This is seen in the NHK documentary “Kanzi II” but I can not find it online, so you might instead try NHK parts 1 to 4 at

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

Or watch these three short videos.

Kanzi and Novel Sentences, at

<https://www.youtube.com/watch?v=2Dhc2zePJFE>.

Kanzi makes stone tools, at

<https://www.youtube.com/watch?v=8ndIW3LsHLY>.

Kanzi with lexigram, at
<https://www.youtube.com/watch?v=wRM7vTrIIis>.

Here are several other sample videos meant for classroom discussion.

Koko communicates using sign language, and grieves over the loss of AllBall, see
<https://www.koko.org/kokoflix-video-blog/3869/all-ball/>
or
<https://www.youtube.com/watch?v=C2oBTdvPUTo>.

Koko Responds to a Sad Movie, see
<https://www.youtube.com/watch?v=EWxCM6lIL60>
and
www.koko.org.

A chimpanzee mother might carry around her deceased infant for days before losing hope.

Monkey saves dying friend at India's Kanpur railway station, at
<https://www.youtube.com/watch?v=ulglImcavew>.

Spy Monkey Mistaken for Dead Baby and Mourned by Troop (FULL CLIP) Spy In The Wild BBC Earth, see
<https://www.youtube.com/watch?v=xg79mkbNaTg>.

Lions and a baby baboon and father, see
<http://www.greatapetrust.org/after-a-lioness-killed-a-baboon-this-baby-was-left-all-alone-what-happened-next-is-unbelievable/>.

Can animals show mercy? These compilation was created for educational purposes. It shows "Top 7 Best videos on the web that shows how some animals may save other animals from imminent death." See
<https://www.youtube.com/watch?v=Nubc09jTW-M>.

Topic 3

Three hundred facts that take us from the Big Bang to human society and its Golden Social Rule. See
<https://www.youtube.com/watch?v=B-N1OwyBGt4>.

Topic in this video include, the origin of our atoms and molecules, and the sequence of life forms that transformed bacteria into people.

Topic 4

How neighbors helped each other in the farming villages of 1820's New England, see
<https://www.youtube.com/watch?v=dH8JYcJIDds>.

Topic 5

Marketing of products, views, and politicians

Here are some additional videos to discuss in class.

PBS The Merchants of Cool, at

<https://www.pbs.org/wgbh/pages/frontline/shows/cool/view/>.

PBS The persuaders minutes 49 to the end, at

<https://www.pbs.org/wgbh/frontline/film/showspersuaders/>.

PBS Bill Moyer: The United States of Alec, at

<https://billmoyers.com/segment/united-states-of-alec/>.

Homework.

Describe ALEC's call for new state and federal Constitutions.

“How tech companies deceive you into giving up your data and privacy,” see

https://www.youtube.com/watch?v=4E_1AB1rsSw.

“How data brokers sold my identity | Madhumita Murgia,” at

<https://www.youtube.com/watch?v=AU66C6HePfg>.

and search “china social credit score system.”

China, a Three-Digit Score Could Dictate Your Place in Society _ WIRED, see

<https://www.wired.com/story/age-of-social-credit/>.

Here is an example of two different presentations of the same news report involving student loans.

See

<https://www.usatoday.com/story/money/2019/05/29/college-students-fear-they-wont-able-pay-their-student-loans/1258761001/>

and

<https://www.foxbusiness.com/personal-finance/many-college-students-paying-off-student-loans-new-survey-shows>

and the source report

<https://everfi.com/wp-content/uploads/2019/05/MoneyMatters-2019.pdf>

See Outfoxed • Rupert Murdoch's War on Journalism, at

<https://www.youtube.com/watch?v=P74oHhU5MDk>

Topic 6

From mammals to primates, and a description of primate society in chimpanzees and bonobos. See

<https://www.youtube.com/watch?v=FDzQRbf2Xmg>.

Skip the section from 23:33 to 53:45 on emotions, which was seen in topic 1.

Perhaps, in order to watch for these aspects in other primates, you might first see these two aspects of human nature:

1) minutes 53m46s to 59m17s of while lions hunt with their teeth, people use their brains to find exploitable behaviors in other animals. This is an excerpt of “From mammals to primates,” at <https://www.youtube.com/watch?v=FDzQRbf2Xmg>,

and

2) What are nature deities and myths? A video summary of Thorkild Jacobsen's explanation, at <https://www.youtube.com/watch?v=HMsrZi2CT88>.

Topic 7

Culture of human beings, and some details of Canela culture. See

<https://www.youtube.com/watch?v=K4bvUmrhbw4>

or

https://www.youtube.com/watch?v=l_73IUc_6EQ.

Another choice is to 1) watch the first 15 minutes of this Canela video and then 2) watch the 90-minute summary of cultural details of !Kung, Wampanoag, Pilgrims, and 1820 New England, see <https://www.youtube.com/watch?v=eQ53RpJoLPY>, and then 3) skip Topic 13.

The same human being that made cave paintings 30,000 years ago, now makes space ships – using nothing but our animal minds.

Ralph Linton's essay on the diffusion of knowledge, at

https://www.youtube.com/watch?v=SF_SHdTjkTQ

or

<https://www.youtube.com/watch?v=gwPU-hSCkww>.

Here are some additional videos to discuss in class.

Watch Cave of forgotten dreams and IMAX Space Station, both in 3D.

Will we all be cyborgs?

I listen to color, at

http://www.ted.com/talks/neil_harbisson_i_listen_to_color.

The profoundly deaf girl who found her voice after brain surgery, at

<https://www.bbc.com/news/health-47974844>.

The new bionics that let us run, climb and dance, at
http://www.ted.com/talks/hugh_herr_the_new_bionics_that_let_us_run_climb_and_dance.

What is so special about the human brain, at
http://www.ted.com/talks/suzana_herculano_houzel_what_is_so_special_about_the_human_brain.

Why biofabrication is the next industrial revolution, by Suzanne Lee at
<https://www.youtube.com/watch?v=7pMhqyteR5g>.

Topic 8

Here is a set of thirty-minute videos that each one of today's major religions. What is the same about all of them? The Golden Rule. Onto that, thousands of cultural details are added.

Judaism

My video is not yet online

Christianity, see

<https://www.youtube.com/watch?v=p8t4cvmDgUo>

or

<https://www.youtube.com/watch?v=5tVEDTVWyMk>.

Islam, see

<https://www.youtube.com/watch?v=pfp34SqVI88>

or

<https://www.youtube.com/watch?v=GoKpr1YukE4>.

Hinduism, see

https://www.youtube.com/watch?v=mTILr_SOWBg

or

<https://www.youtube.com/watch?v=JhcnP2DhszE>.

Buddhism, see

<https://www.youtube.com/watch?v=Dekjlpb34-k>

or

<https://www.youtube.com/watch?v=2bLtPeezPfl>.

Confucianism, see

<https://www.youtube.com/watch?v=n9hCihw8DDs>

or

<https://www.youtube.com/watch?v=h2zsqZwbNV4>.

Topic 9

The early political forms of band, tribe, chiefdom, and state. See

<https://www.youtube.com/watch?v=j-jEHXd0VKc>

or

<https://www.youtube.com/watch?v=5IVEOBcLEq8>.

Topic 10

Everyday life in Ancient Mesopotamia. See

<https://www.youtube.com/watch?v=10pC6A68NII>

or

<https://www.youtube.com/watch?v=tfKQrnLL8LI>.

Excerpt: Invention and development of writing and arithmetic. See

<https://www.youtube.com/watch?v=9irKU2FvfZ0>.

Topic 11

Ancient Athenian democracy and rational thought. See

<https://www.youtube.com/watch?v=zRzKbahIJ8U>

or

<https://www.youtube.com/watch?v=68HTKzROcuo>.

Dictators and democracy: A classroom summary of political culture. See

<https://www.youtube.com/watch?v=4xfeEVRZ7U4>

or

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

Topic 12

Our medieval world

Cities of Medieval Africa, See

<https://www.youtube.com/watch?v=A7B9SaTYKb8>

or

<https://www.youtube.com/watch?v=ngK6FKBI9qY>.

Medieval China: Everyday life in Hangzhou around 1279 a.d. See

<https://www.youtube.com/watch?v=-RBOcYb1I8k>

or

<https://www.youtube.com/watch?v=ZbICf1ln5Wk>.

Everyday life in Medieval Europe

Topics include everyday life, social history, Feudalism, Manorialism, Village farmers, childcare, marriage, birth, villeins, serfs, the lord's manor, courts, peasant's revolt, Magna Carta, health, school, wool industry, Gothic, gunpowder, and the contributions of Islamic science.

See <https://www.youtube.com/watch?v=qVpK6hRgRvI>.

Europe from 1300 - 1800 ad.

Topics include everyday life, social history, wool industry, Renaissance, Enlightenment, emergence of national democracy, Industrial Revolution, Scientific Revolution, the Petition of Right, worth of individuals over the state, emergence of government for the people, and the origin of civil rights. See

https://www.youtube.com/watch?v=9RN_87b8AxU.

Have you ever wondered about nature?

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

Topic 13

Everyday life in North America

1) European-American immigration and slavery in the U.S. See

<https://www.youtube.com/watch?v=DbY2lo9knTQ>

or

<https://www.youtube.com/watch?v=Angi0I267Jo>.

2) Daily life of those of us human beings who are Wampanoag and greeted the pilgrims when they arrived in 1620 near present-day Boston. Told using video of the Wampanoag Homesite. See

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

or

<https://www.youtube.com/watch?v=mD0JiOjUA-A>.

3) Daily life of Pilgrims during between the 1630s and 1650s. See

<https://www.youtube.com/watch?v=uNsBjQfShA4>

or

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

4) Life in New England in the Early 1800s. See

<https://www.youtube.com/watch?v=HIOPa2N5GGI>

or

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

5) Home and family life in New England in the Early 1800s, including descriptions of birth, precarious infancy, and childhood. See

<https://www.youtube.com/watch?v=3VMsYfVISbg>

or

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

6) Home and family life in New England in the Early 1800s, including school, marriage, storing and cooking food, iron stoves and utensils, spinning, sewing, weaving, and dying. See

<https://www.youtube.com/watch?v=XOmS2qowbDQ>

or

<https://www.youtube.com/watch?v=E2y-TdppvZg>.

7) Home and family life in New England in the Early 1800s, including women's chores, men's chores, superstition, socializing, drinking, dancing, gambling, cruelty to animals, quilting bees, courting, social diary entries, choirs, neighbors help, and snow plowing. See

<https://www.youtube.com/watch?v=wCWnuxBZ4nw>

or

<https://www.youtube.com/watch?v=9Ruq1ymzFJg>.

8) Home and family life in New England in the Early 1800s, including militias, guns, rights, public hangings - whippings and branding, traveling peddlers and repairmen, freight haulers, entertainers, roads, health and death, wife's inheritance, infant mortality, disease, life span, medicine, barbers, surgery, today's medical industry, social classes, cities, fire fighters, the town, streets, water systems, and fads. See

<https://www.youtube.com/watch?v=tcv2DIAnOHs>

or

<https://www.youtube.com/watch?v=PQSRKCbs1eQ>.

9) Home and family life in New England in the Early 1800s, including shops, street vendors, shop signs, printer, technology, basket-making, shipmaking, objects made from bones and bladders, mechanical mills, and baker. See

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

or

<https://www.youtube.com/watch?v=HiG2rKuJXFfs>.

10) Home and family life in New England in the Early 1800s: technology. From ancient crafts to modern factories, including tanning, cloth-making, block-printing, felt-making, weaving loom, and the spinning Jenny, English mechanics were sought to build the first U.S. factories. See

<https://www.youtube.com/watch?v=yfHboPJOCd4>

or

<https://www.youtube.com/watch?v=69Z1Wri0Bc>.

11) Barrel-making (cooper), pottery-making, pottery firing in the kiln in New England in the 1820s. See

<https://www.youtube.com/watch?v=AoYhjCyV9SE>

or

<https://www.youtube.com/watch?v=AoYhjCyV9SE>.

12) Tinsmith (whitesmith) at Old Sturbridge Village depicting New England during the 1820s. See

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

or

<https://www.youtube.com/watch?v=r1s6pB6G0gY>.

Topic 14

U.S. Business

Beginnings of business in New England in the Early 1800s, including descriptions of the beginnings of U.S. factories, early history of business, no employees exist for the first U.S. factories, debated benefits and drawbacks of industrialization, role of government, social consequences of our shift from farming to factory work, industrialization requires decades, corporations for pooling funds, Lowell mills, factory clothing replaces homemade, power for factories, and the mixture of economy activities. See

<https://www.youtube.com/watch?v=yDBFXkw59Cw>

or

<https://www.youtube.com/watch?v=adXKAep3woY>.

Expansion of business, and its social consequences. Topics include Industrialization, Lowell factories, women's rights, slavery, and civil rights. What was the Industrial Revolution? It meant that the number of tools and decorations in the home increased from twenty to two-hundred items, but social ties were reduced, we lost full control over our own lives, and there was an increase in injustice. See

https://www.youtube.com/watch?v=N-0AtWzc7_k

or

<https://www.youtube.com/watch?v=7pYxCpReYXE>.

A classroom summary of How the other half lives, by Jacob, A. Riis, which was published in 1890. This is a description of daily life for the first generations of wage-earners in New York City between the years 1820 and 1900, including the conflict between labor and capital. We find that the development of Big Government was a reluctant and late-in-coming response to the social consequences of our shift from working the family farm in socially connected villages to working for wages in the cities.

<https://www.youtube.com/watch?v=iM10FpG5Oag>

or

https://www.youtube.com/watch?v=F4_1nh1xnYs.

Topic 15

Daily life in a Chicago neighborhood during the 1980s. Classroom summary of There are no children here, the story of two boys growing up in the other America, by Alex Kotlowitz.

<https://www.youtube.com/watch?v=ad12Zn9q7KY>

or

https://www.youtube.com/watch?v=MkcfUS4z_WU.

Topic 16

Democracy compared to authoritarian states.

Democracy is more than voting and free speech. It is firstly a blending of views that partially satisfies everyone. Democracy requires tolerance, participation, the right of dissent, an intelligent distrust of leadership, faith in fellow citizens not rulers, and the desire to compromise rather than suffer civil war. Authoritarian or single-party states outlaw alternative political parties and choose priorities, goals, and agendas without debate. This classroom summary of political culture includes descriptions of single party states and democratic states. An explanation is given for the reason that, after the departure of the European colonizers, India remained democratic and Africa remained authoritarian. See <https://www.youtube.com/watch?v=G6ULRZJmioA>.

Topic 17

Today's business. Topics include corporations, Big Business, franchise, social health indicators and our priorities, U.S. worker wages peaked in 1972, wealth and income inequality, upper wealth grab in the U.S but not in Europe, tax cuts grow the national debt, infant mortality, health care, education, marketing of products and politicians and issues, and summaries of war, Ancient Athenian democracy, dictators, democratic peoples, and how community members exchange help. See <https://www.youtube.com/watch?v=PzfgV4dXkvY>.

Topic 18

Summaries of Human nature and of humanism, see <https://www.youtube.com/watch?v=qenTqUpuhRw>.

Summary poster

http://www.humanismweb.net/tour_2018.htm

About the author

For twelve years, author Dr. Robert Dalling has taught a Big History course using this book along with the video version of this book, plus some additional chapters from his other book *The Story of Us Humans, from Atoms to Today's Civilization*. To create the video version, he traveled to fifty nations to record 3D video of people and places, while relying on the kindness of strangers every few minutes. Links to the course-videos are at www.HumansimWeb.net.

The author's Ph.D. is in physics, with an engineering minor involving fluid mechanics and nuclear engineering. He has presentations and publications in chaos, heat flow, laser spectroscopy, and relativistic quantum mechanics. He has a patent for a method of calculating the Lyapunov exponent, which determines the exponential rate of error growth in any system—for example, the weather. It was determined that you get only thirty-hours of meaningful weather prediction when three-significant-figures are measured in the initial conditions of temperature, pressure, and humidity and such. The author has also written *Tour of undergraduate physics*, which is a three-volume, 1350-page summary of undergraduate physics. The three volumes are 1) Workbook and Solutions Manual for Heat, Fluids, Sound, Light, Electricity and Magnetism 2) Workbook and Solutions Manual for Mechanics and 3) Workbook and Solutions Manual for Quantum Mechanics, Mathematical Physics, and Special Relativity

Previously, the author spent fifteen years as a nation-wide software company, providing bookkeeping and database software for retail stores that sell tractors. He wrote a 300-page manual of bookkeeping and accounting procedures for this software. To conduct this business, he traveled one-half-million miles through forty-eight states and learned how major corporations, franchises, and small businesses operate.

The author's hobbies are teaching precious students, traveling our world, learning, and listening to music from around the world.