

in the 90's, computers would scream every time you went online. that was foreshadowing

Resistance

The Legend of Ned Ludd - 4



About this course

Date	Topic
10/26	The Tale of General Ludd
11/2	Romantics and Marxists
11/9	The word for today is techno-determinism.
11/16	The Neo-Luddites
11/30	Rebels Against the Digital Age

Karl Hakkarainen

kh@queenlake.com

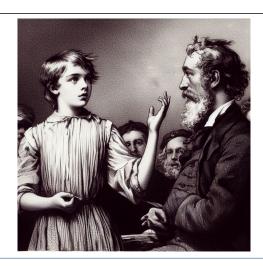
Slides, videos, and reference materials available on

https://queenlake.com/wise/wise-fall-2023/the-legend-of-ned-ludd/

Worcester Institute for Senior Education

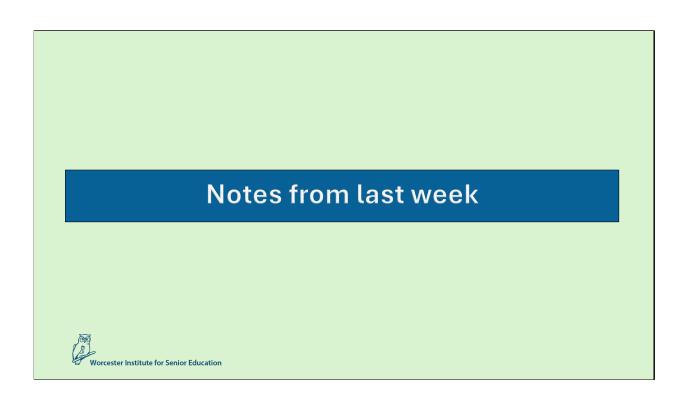
The Legend of Ned Ludd - 1

2



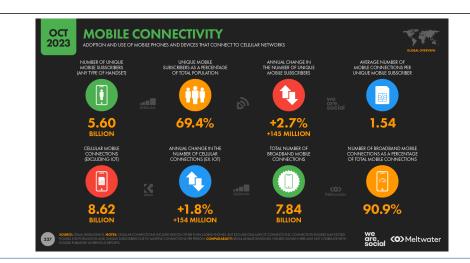
Questions?





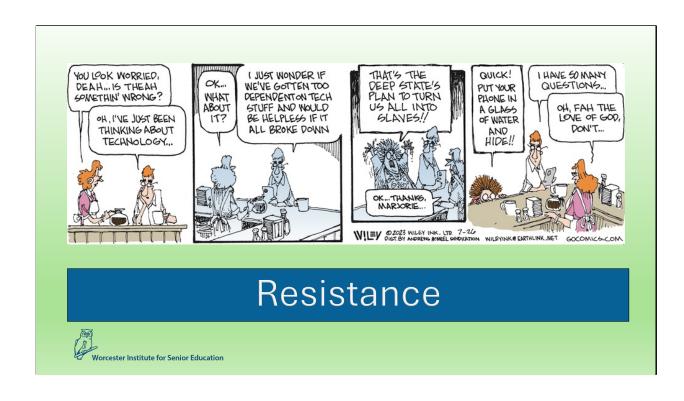


Japan rejected guns after using them in the late 16th century and the first half of the 17th century and returned to the use of swords and armor. The episode is recounted in <u>Giving Up the Gun: Japan's Reversion to the Sword, 1543-1879</u> by Noel Perrin (Boulder, 1980). – John Chinian



Worldwide cellphone ownership and usage





St. Johns, P.Q., Thursday, July 36, 1964

Not To Be Feared

It is hard to avoid the conclusion that much of the current hullabaloo concerning the supposed terrors of advancing automation serves no useful purpose whatever. What it does do in many cases is arouse needless fears.

No one in his right mind supposes that the accelerating pace of technological change is not a force to be reckoned with, posing as it does major social problems. But there is every reason to believe that we will meet the challenge intelligently and with resource, and indeed evidence is not lacking that we are already doing so.

Three things are often forgotten, the first being that technological progress is no new phenomenon of our time. Although it may gallop today where formerly it crawled, it is still essentially a continuation of the same process known

The News and Eastern Townships Advocate (St. Johns, Quebec, July 1964)





Weather Underground



The incipient worldwide movement for control of technology, however, must not be permitted to fall into the hands of irresponsible technophobes, nihilists and Rousseauian romantics. For the power of the technological drive is too great to be stopped by Luddite paroxysms. Worse yet, reckless attempts to halt technology will produce results quite as destructive as reckless attempts to advance it.

Future Shock, Alvin Toffler (1970)



Is It O.K. to Be a Luddite?





As if being 1984 weren't enough, it's also the 25th anniversary this year of C. P. Snow's famous Rede Lecture, "The Two Cultures and the Scientific Revolution," notable for its warning that intellectual life in the West was becoming its ward of the west was becoming its ward of the west was becoming its ward of the ward of the west was becoming the interest was of the west was becoming the interest was of the west was becoming the ward of the ward of the west was becoming the ward of the ward

Thomas Pynchon's most recent book is "Slow Learner."

By I nomas Pynchon
of Sputnik and the role of technology in the development of what would soon be known as the thrd
world. But it was the two-culture formulation that
got people's attention. In fact it kicked up an arrazing row in its day. To some already simplified points,
further reductions were made, provoking certainmarks, name-calling, even intemperate rejoinders,
giving the whole affair, though attenuated by the
mists of time, a distinctly cranky look.
Today nobody could get away with making such a
distinction. Since 1958, we have come to live among
flows of data more vast than anything the world has
seen. Demystification is the order of our day, all the
cats are jumping out of all the bags and even beginning to mingle. We immediately suspect ego insecurity in people who may still try to hide behind the

jargon of a specialty or pretend to some data base forever "beyond" the reach of a layman. Anybody with the time, literacy and access fee these days can get together with just about any piece of specialized knowledge s/he may need. So, to that extent, the two-cultures quarrel can no longer be sustained. As a visit to any local library or magazine rack will easily confirm, there are now so many more than two cultures that the problem has really become how to find the time to read anything outside one's own specialty.

to find the time to read any analysis specialty.

What has persisted, after a long quarter century, is the element of human character, C. P. Snow, with the reflexes of a novelist atter all, sought to identify not only two kinds of education but also two kinds of Continued on page 40

Is It O.K. To Be A Luddite? - Thomas Pynchon, NYT, October 1984





Notes toward a Neo-Luddite Manifesto, Chellis Glendenning



"Notes toward a Neo-Luddite Manifesto" by Chellis Glendinning

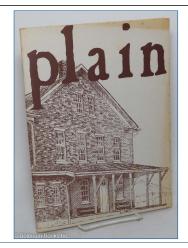
Principles of Neo-Luddism

- Neo-Luddites are not anti-technology.
- · All technologies are political.
- The personal view of technology is dangerously limited.

Program for the Future

- As a move toward dealing with the consequences of modern technologies and preventing further destruction of life, we favor the dismantling of the following destructive technologies
- We favor a search for new technological forms.
- We favor the creation of technologies in which politics, morality, ecology, and technics are merged for the benefit of life on Earth.
- We favor the development of a lifeenhancing worldview in Western technological societies.

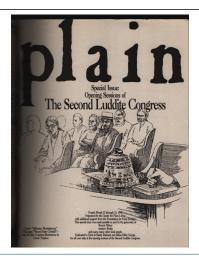




America's New Luddites: Pulling The Plug on Progress

"One member smashes computers with a sledgehammer. Another swapped his car for a horse."



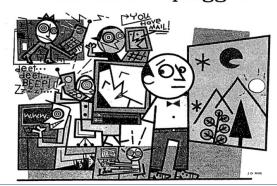


Plain Magazine of Life Land and Spirit #12 Second Luddite Congress 063021ame (eBay)



Wired Life

The Great Unplugged Masses Confront the Future



By STEVE LOHE

new technology is opening up new vistas for democracy, education and personal enrich ment, a magazime predicts. "The Govern ment," it says, "will be a living thing to itcitizens instead of an abstract and unseen force... Elected representatives will not be able to evade their responsibility to those who put them in office."

The new medium will be like a gigantic school, the nagazine declares, and "have a greater student body

The year was 1922, radio was the new technology, and the magazine was Radio Broadcast.

technology of the Internet, and the magazine Wiredthrese days, Wired-chronicles the rise of the digita communications and entertainment on the Internet And best sellers by champions of technology like Niche las Negropone of the M.1.T. Media Lab ("Being Digital") and Bill Gates of Microsoft ("The Road Ahead" portray the wired future as a second renaissance the

Veterans of prevous outbreaks of technological cuphoria are skeptical. "Each time a new medium comes along, great hopes are raised," said Erik Barmour, a professor. "But the lesson of history is that every new medium provides new opportunities for selling as well as for education, for monopolists as swell as for democracy, and for abuse as well as for benefit."

There is some recent evidence that the valid to fine.

nomics, social attitudes and sheer exhaustion with torrid pace of technological change are all cite reasons. Still, in a nation that is second to nor embracing what is new, the notion of an all-encome ing technological renaissance s being reconsider arther than rejected wholesale. It's possible that at people are tossing out their personal computers there are not many.

Yet, a small but vocal community of anti-techt gives would like to stir up a backlash. And they is the costage industry of nayasyers, led by authors Clifford Stoll ("Silicon Snake 201") and Kirkpa Sale ("Rebeit Against the Fuure"). Indeed, to many control of the costage and a snation) are suddenly gaining respect. Last week 200 people gathered in Barnevule, Onlo, for the Sol people gathered in Barnevule, Onlo, for the Sol famous Luddite, has struck a chard, though his met are deplored.

Virtual Disneyland

Scott Savage, who was one of the organizers of Barnesville congress and is the publisher of Magazine, a journal of the simple life, said, message to people is that they don't have to live in virtual Disneyland, which is where so much of so seems to be headed. People can make choices a technology and reject it.

Mr. Sale, who is trying to rehabilitate hist

Continued on r

The Second Luddite Conference – 1996

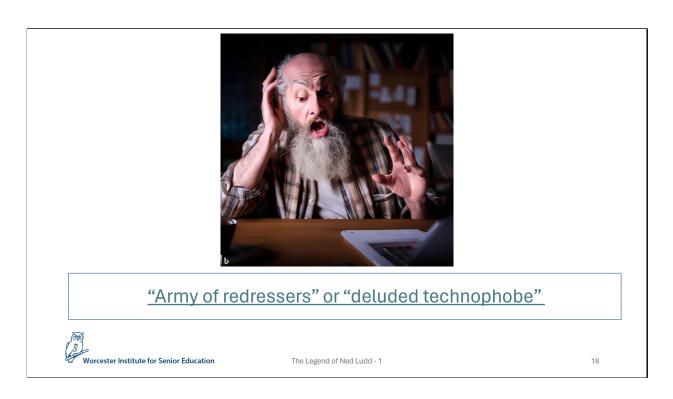


Second Luddite Congress – 1996

A CALL FOR CITIZEN-DELEGATES TO The Second Luddite Congress A "First Congress" was held 184 years ago in the place where the Machine Age was up the beginning. The Industrial Review. In the Industrial Review

- The first, probably 1811, but maybe not
- Stillwater (Friends) Meeting House in Barnesville, Ohio, April 1996
- 350 attendees
- Kirkpatrick Sale said that violence was dangerous and counterproductive. He said that he tried to warn the Unabomber of this.
- "The technology in service to false gods that has made all the rest of it possible, that is in fact behind all those other ills and evils." – Nicole Fox





Against Technology: Steven Jones

He insists he is a Luddite. When he gave an address at Smith in October, Vonnegut inveighed against the Internet and society's increasing reliance on computer

inveighed against the Internet and society's increasing reliance on computer interaction.

"I won't use the Internet," he said, "which is a particularly habit-forming, hallucinatory, pernicious form of LSD."

Yet he admits to owning and using an Apple Powerbook and admires its word-processing capability.

Vonnegut struggles with writing today. Sitting on the plain, wooden end table that he has placed in front of himself as he sits on the couch is a tattered blue paper folder. Written in dark blue ink on the cover is one word: Novel.

Next to the folder are a larger ceramic ashtray and a cherry red Zippo lighter. The Pall Malls are in his right pocket.

"Everybody should write to find out who they are and where they are," he said.

"Right now, though, I'm thinking I want to turn the typewriter into a musical instrument because I can really play it.

Kurt Vonnegut at Smith College, *Eugene Register-Guard*, December 2000



Neo-luddite unease

m about consumed out of my gourd. I've been searching the internet for at least three bears, looking for cell phose accessories instead of interacting with people. What a time, when gadgets are more interesting than

faces. See some more schendings We years first the sign when all of our devices will come inguither, when our of glomes will be our PAN, will be our of glomes will be our PAN, will be our parties, which was the sign of the

and Patrick in the own with the same and and a milk-annual position of the same and a milk-annual position. The same and a milk annual position of the allower same and mostly for me? Is it too much to sak to said the same and mostly for me? Is it too much to sak to a said to said the same and mostly for me? Is it too much to sak to said the patrick in the said of the said of

connection (and I'm in the minority), but why can't my cell phone talk to a land-line when I'm in the room with an analog phone and reserve the cell phone networks for when I'm in my car? Why can't my lamp talk to my PC or my cell phone download someous k phone tumber into its memory just by pointing my

All of this will happen about the
time I get a talking, semi-sensent reditgerater, which I sourne will went to be
called "Big White." Beesd, I'll ask it
delirious questions. "Tell me, Big
White, how much ice does it take bo
please an army with parched mouths."

Will the refrigerator be able to tell me that my question doesn't make sense or will it automatically start making loe for an invisible army?

"Do you recognize me as human,

Big White?" I'll ask.
"Yes, Josh," it will snawer. "I secogize you as muster. Please hold out your

I'll look to my right and my robotic dag. Albo XI, will have said broket it its metal jaws. It's television screen eye will look into mine and reflect my digital spirk. I'll will the dog to take care of the ice for me while I lie down. But my automatically-masseging couch won't

words "Kill switch" written on it. It will cut communication on every device. own for five or ten seconds, Not long but long enough for a moreant of peace without me freaking out by being "disconnected." When the hum of contain zications turns back on, the couch will be ecoperating, and the day to. "Bring me that ice, Asho XII. I need to cool of

- Josh Micherho Daily Edwardal West

Neo-Luddite Unease, *The Michigan Daily*, June 2001





Neo-Luddism facts for kids

"Kid-oriented results" about the Unabomber





Born in Chicago on May 22, 1942. Entered Harvard at 16. M.S and Ph.D. from Michigan. Teaching at U.C., Berkeley 1968-69. Moved to Montana in 1971.

What he did

- In nearly 20 years, he sent or placed 16 bombs that killed three and injured 20.
- First bomb, injuring a professor at Northwestern University in 1978, last, a fatality, in 1995.
- His nom de guerre was based on the FBI acronym for the case: UNA for United Airlines, where a bomb exploded on Flight 444, and BOM, for bomber. There were no fatalities, but passengers were treated for smoke inhalation. (A separate definition of the acronym came from University and Airline Bombing.)
- His manifesto, Industrial Society and Its Future, was published in 1995.



The bleeding hearts and the ignorant old geezers who are still living in the past think the advance of technology could take away some of our freedom. But this is superstitious nonsense. Exactly the opposite is true. The science of tomorrow will make it possible to have far more freedom than we have today. In fact, by the year 3000, we will be able to eliminate all laws, because people will be fixed so they will never even want to do anything that isn't for the good of society. Each baby when it is born will have its mind adjusted by scientists so that it will grow up to be a healthy, happy, public-spirited citizen, anxious to be useful to the community.

And if anybody doesn't like all this, the psychologists of the future will be able to fix him so he does like it.

The Wave of the Future (The Saturday Review, June 13, 1970)





"UNABOM" case, code-named for the UNiversity and Airline BOMbing targets – FBI report



Luddites-4



CIA's MK-Ultra program: 993 World Trade Center terrorist Ramzi Yousef

terrorist Worcester Institute for Senior Education



First Bomb

Injured a security guard at Northwestern University in Evanston, Illinois, in May 1978.

Worcester Institute for Senior Education

Metropolitan

Bomb explodes in NU; researcher is burned

By Patricia Leeds

A NORTHWESTERN University grad-uate researcher suffered shock and burns Wednesday when z bomb in a cigar box exploded as he opened it in a study room of the school's Technological Institute.

screams."

He said he saw "what looked like pel-lets left over from an explesive material similar to that in firecrackers" in the bottom of the cigar box.

burns Wednesday when z bomb in a cigar box exploded as he opened it in a study room of the school's Technological Institute.

John G. Harris, 35, a native of Toronto, was treated at Evanston Hospital for cuts on his arms and burns around his eyes. Police said the force of the blast blew his eyeglasses off his face and singed his eyebrows and lashes.

A fellow student, Bushan Karihaloo of Newcastle, Australia, said he was in a study cubicle a few feet away when "I heard a very loud bang, and then

Second bombing – May 9, 1978



The suspect's past as a mathematician may even inspire new interest in the boundary properties of continuous functions (a Kaczynski bibliography has been posted in the news group sci.math).

And in forums on Compuserve and America Online, debates energetically respond to an editorial in The Weekly Standard about his Luddite celebration of nature: "If it were fair to blame Rush Limbaugh for Timothy McVeigh," the right-wing magazine argues, "surely the media could find room to blame the Unabomber on Al Gore."

A copy of Al Gore's Earth in the Balance found at Kaczynski's cabin



The leftist is oriented toward large-scale collectivism. He emphasizes the duty of the individual to serve society and the duty of society to take care of the individual. He has a negative attitude toward individualism. He often takes a moralistic tone. He tends to be for gun control, for sex education and other psychologically "enlightened" educational methods, for social planning, for affirmative action, for multiculturalism. He tends to identify with victims. He tends to be against competition and against violence, but he often finds excuses for those leftists who do commit violence. He is fond of using the common catch- phrases of the left, like "racism," "sexism," "homophobia," "capitalism," "imperialism," "neocolonialism," "genocide," "social change," "social justice," "social responsibility." Maybe the best diagnostic trait of the leftist is his tendency to sympathize with the following movements: feminism, gay rights, ethnic rights, disability rights, animal rights, political correctness. Anyone who strongly sympathizes with ALL of these movements is almost certainly a leftist.



What's surprising about all this, though, is that it reads as if the Unabomber thinks he's the first person who ever worked out such ideas. It is hard to believe, but he seems woefully ignorant of the long Luddistic strain in Western thought going back at least to William Blake and Mary Shelley, and he does not once cite any of the great modern critics of technology such as Lewis Mumford, Jacques Ellul, Paul Goodman, Max Weber, E.F. Schumacher or Rachel Carson, nor any of the contemporary laborers in this vineyard.

That failure to ground himself in the Luddistic tradition, where both utopian and dystopian models proliferate, may be the reason that the Unabomber is so weak on envisioning the future, particularly the kind of revolution he seems to want.

Is There Method In His Madness? - Kirkpatrick Sale

Kirkpatrick Sale 01-19-96 Air date

Worcester Institute for Senior Education



Finding Ted





ABC News Report – April 3, 1996





Meanwhile, just down the road...

Montana Freemen standoff



Montana Freemen were an anti-government militant Christian Patriot group based outside the town of Jordan, Montana, "Justus Township" and had declared their leaders and followers "sovereign citizens" Standoff with FBI agents, there to arrest the members on charges related to bank fraud and threatening Federal officials, started on March 25, 1996, and lasted 81 days. They surrendered on June 14, 1996.

A Low-Tech Suspect

Modern technology has created a brave new criminal world in which drug deals are conducted with stolen cellular phone numbers, would-be terrorists learn bomb-making over the Internet and anti-government renegates keep body and soul together through credit-card fraud. But recent developments in the Unaborn case suggest that one determined individual night still be able to spread the composition of the control terror across the country for nearly two decades without even the benefit of electricity and indoor

without even the beneft of electricity and indoor plumbing.

Theodore Kaczynski, a recluse with a doctorate in mathematics, was arrested last week on a charge of possessing bomb components, and taken into custody as a suspect in the Unabom case. He had lived for 25 years in a one-room cabin in the Montana wilderness, living on vegetables from his own garden, fish and game. He reportedly once told a neighbor that his annual budget was about \$300.

The Unabomber has killed 3 people and injured 30 others over 18 years of mail-bombing. The victims were apparently all connected, in the Unabomber's own mind, with the proliferation of destructive technology. Ironically, officials say, Mr. Kaczynski turned his own corner of the unspoiled

wilderness into a little factory of destruction, filled with raw materials for bomb-making, books on bomb manufacturing and notes of diagrams of

with raw materials for bomb-making, books of explosive devices.

The F.B.I., in its search for the Unabomber, devoted endless time and resources to compiling a massive list of possible suspects. But Mr. Kaczynski's arrest suggests how little effect computerized background searches may have when the target has virtually no background — no friends, no associates, no neighbors, no relatives except a tiny nuclear family on the other side of the continent. Indeed, sources say the case was finally broken when Mr. Kaczynski's brother, David, made a connection between an anti-technology diatribe written by the Unabomber and his brother's writings, and reluctantly contacted the authorities.

The world grows increasingly complex for both lawbreakers and law enforcers. But the developments in the Unabomber case suggest a humbling lesson. The most sophisticated computer searches seemed incapable of unearthing a bomb-making hermit in the wilds of Montana. That task was left to one individual, who decided that he was, indeed, his

one individual, who decided that he was, indeed, his brother's keeper.

NYT, April 7, 1996





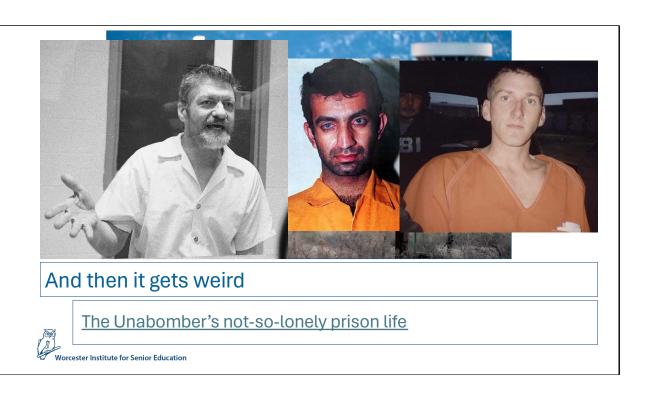
Why did Ted Kaczynski call *The Technological Society* as his Bible?

Jacques Ellul's technological nightmare



The Legend of Ned Ludd - 3

Ted's brother David made this statement in a deposition to the FBI, quoted in Harvard and the Unabomber : the education of an American terrorist, by Alston Chase, p.332

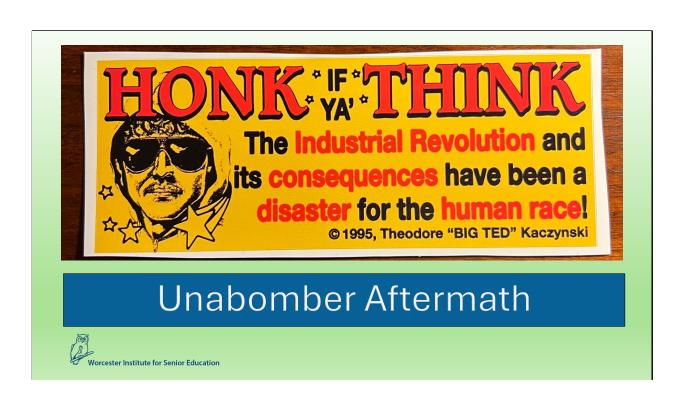


Kaczynski 1993 World Trade Center terrorist Ramzi Yousef Oklahoma City bomber Timothy McVeigh



Died by suicide in a North Carolina federal prison on June 10, 2023.

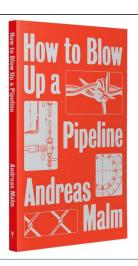






'His ideas resonate': how the Unabomber's dangerous anti-tech manifesto lives on





The Luddites Were Onto Something



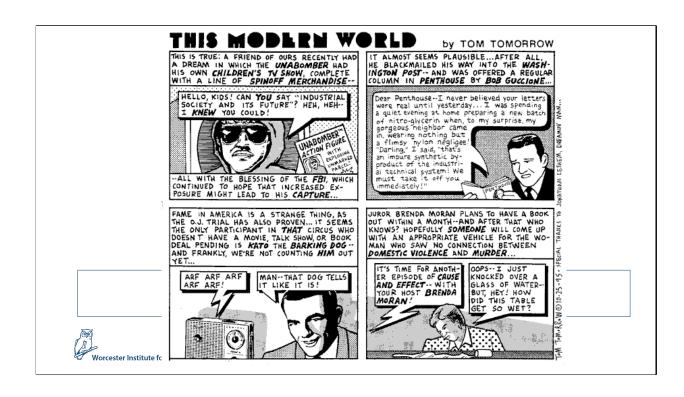
Unabom Manifesto Echoes 60's Tumult

A look at the campus turmoil in the late 1960's offers intriguing clues to why Theodore J. Kaczynski rejected society and reveals themes later elaborated in the Unabom manifesto.

elaborated in the Unabom manifesto.
Ultimately, experts say, it seems unlikely that Mr. Kaczynski, once a promising graduate student at the University of Michigan and now suspected of being the Unabomber, weathered campus disputes over the Vietnam War and nuclear arms without some inner repercussions.

NYT, June 1, 1996







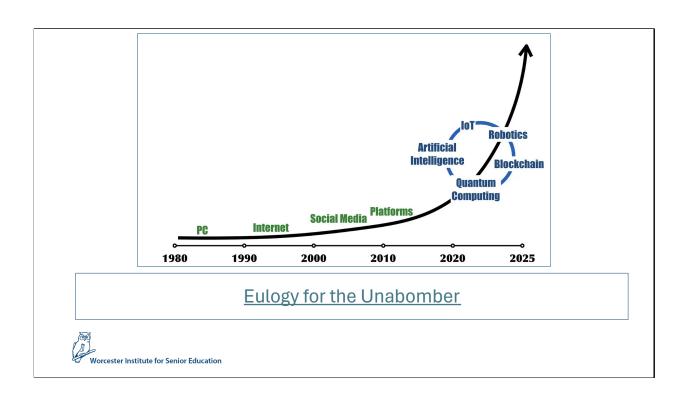
Unabomber Action Figure - <u>\$55</u>





Ted Kaczynski Sticker Pack







DRSESSIONS

They Call It Luddite Love

aux Woodswalter—

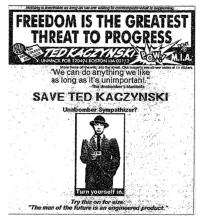
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TOTAL SURVEILLANCE IS NOT YET POSSIBLE

PRES / Job / J

NYT, September 15, 1996





'Unapack" on the World Wide Web, one of several sites sympathetic to he Unabomber's views (http://www.paranoia.com/unapack).

A Star on Your Computer Screen (NYT December 27, 1997)

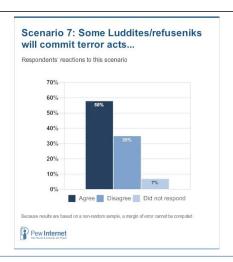




Personal thoughts on Ted Kaczynski's death

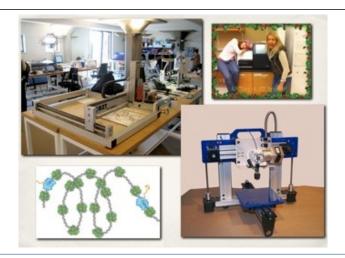






Pew Research survey (2006)





The Unabomber an an Age of Limited Options



Luddites-4

Today's Luddites (or, as they often self-identify, "neo-Luddites") pose no threat at all. Their public salvos against technology embrace knotty nuances and eschew the bare knuckles. There's a touch of Bartleby the Scrivener to them: if this be the future, they'd definitely prefer not to.

A Nod to Ned Ludd





Revenge of the Finns (held in August in Savonlinna since 2000)



