



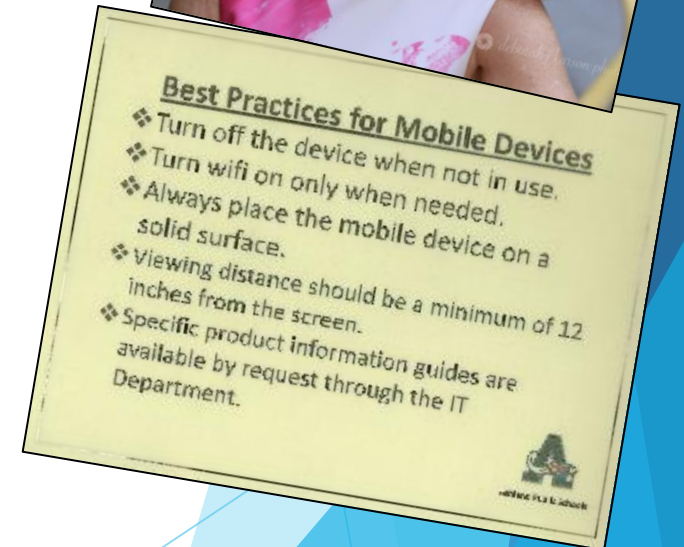
# Wireless Risks & Safer Technology Solutions

Cece Doucette, MTPW, Director  
Town of Ashland, MA  
Select Board Presentation

*April 17, 2024*

# Cece Doucette, MTPW

- ▶ Helped Ashland, MA become first-in-nation with [Best Practices for Mobile Devices](#), 2014
- ▶ Introduced [legislation](#) in MA & testified in NH
- ▶ Co-founder, [Wireless Education](#), educational non-profit
- ▶ Co-founder, [Massachusetts for Safe Technology](#)
- ▶ [Co-Chair, Technology Panel, Health in Buildings Roundtable Conference @ NIH](#)
- ▶ Speaker: EMF Medical Conference [2021](#)



# What Safe Technology Looks Like

## STEP 1: Simple and Inexpensive Hardwiring Set-up



# Ashland 24 x 7 Radiation

- ▶ Utility “smart” meters for electric, solar, gas, water, propane
- ▶ Cell towers/macro antennas & 5G small cells
- ▶ Wireless access points in schools and public buildings
- ▶ Risk is **cumulative with dose**, aim for CDC’s ALARA: As Low As Reasonably Achievable





# Why Don't We Know?

- ▶ FCC: Captured Agency
- ▶ FDA: Conflict of Interest
- ▶ World Health Organization
  - ▶ Reopening investigation
  - ▶ Conflicts of interest



# Social Norm Change

- ▶ Martin Luther King, Jr.
  - ▶ Public engages
  - ▶ Courts rule
  - ▶ Public policy enacted



# Public Taking Action

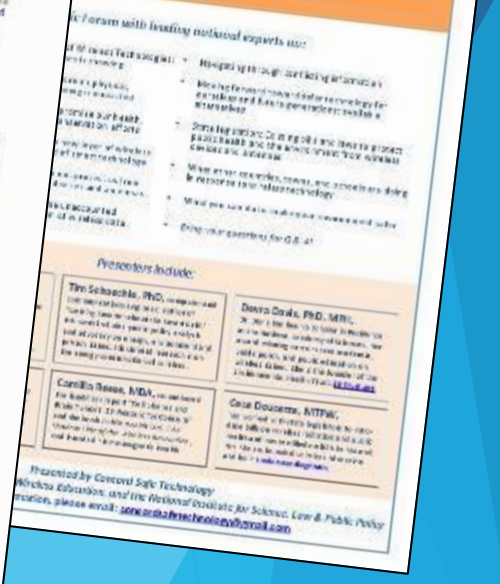
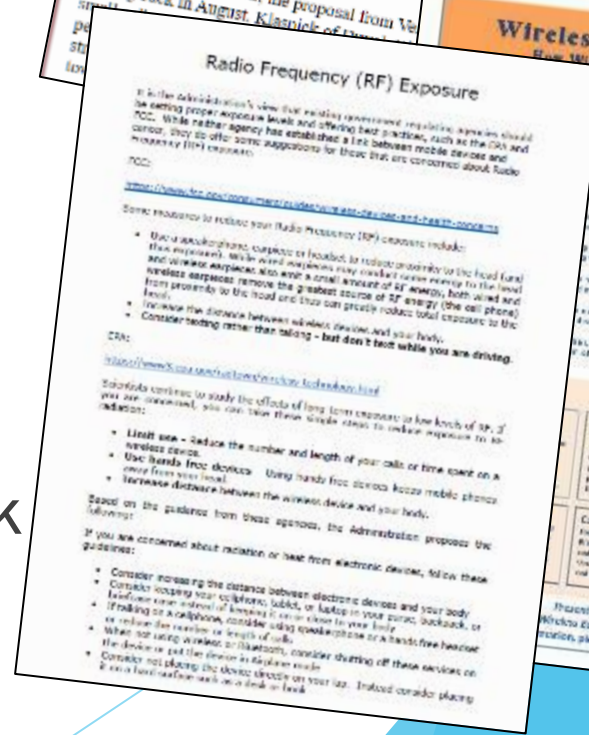
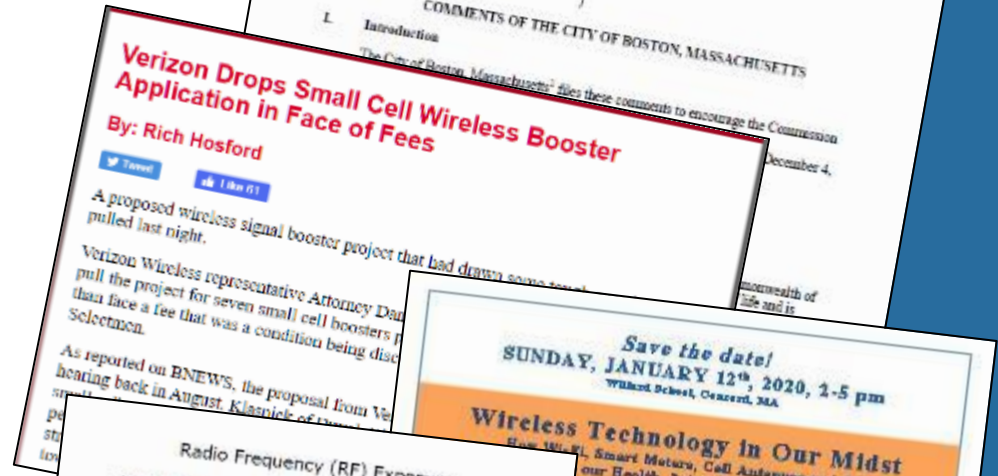
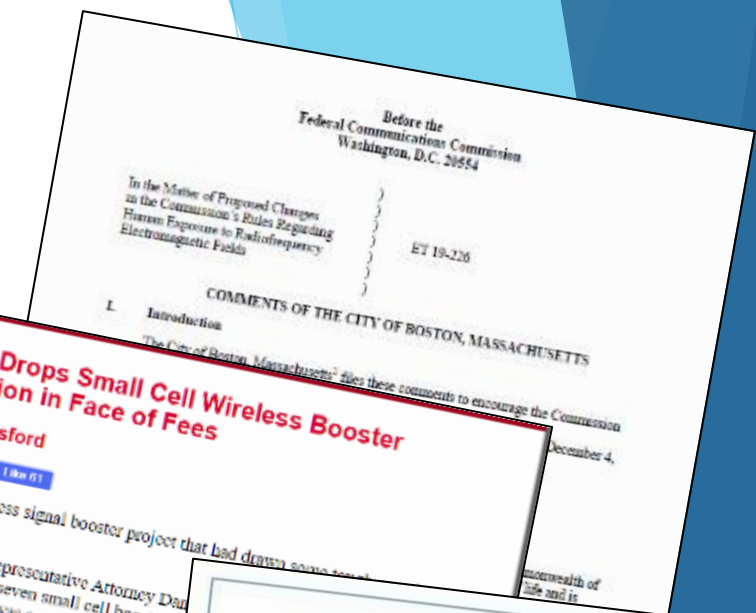
- ▶ [150+ national groups](#)
- ▶ [Cell towers](#) in MA
  - ▶ [Shelburne](#), MA 1,500' setback in bylaw, 3,000' from schools
  - ▶ Wayland 900' setback in bylaw
  - ▶ [Pittsfield](#) Board of Health unanimous vote to issue Verizon cease and desist
  - ▶ Dover-Sherborn Regional won
  - ▶ Concord relocating tower
  - ▶ Petersham AT&T height waiver denied
  - ▶ Centerville Concerned Citizens @ Cape Cod
  - ▶ Holliston wireless antennas on power lines





# MA Towns Taking Action

- ▶ City of Boston files with FCC
- ▶ City of Boston sues FCC
- ▶ Burlington Small Cell Policy
  - ▶ National example with Americans for Responsible Technology
  - ▶ Bedford, Lincoln, Andover adopting Burlington
- ▶ Shrewsbury Board of Health
- ▶ Concord Expert Forum 300+
- ▶ Worcester schools RF statement
- ▶ Ruskin Road Neighborhood Forum, Hyde Park with Mike Lynch, Broadband & Cable Office





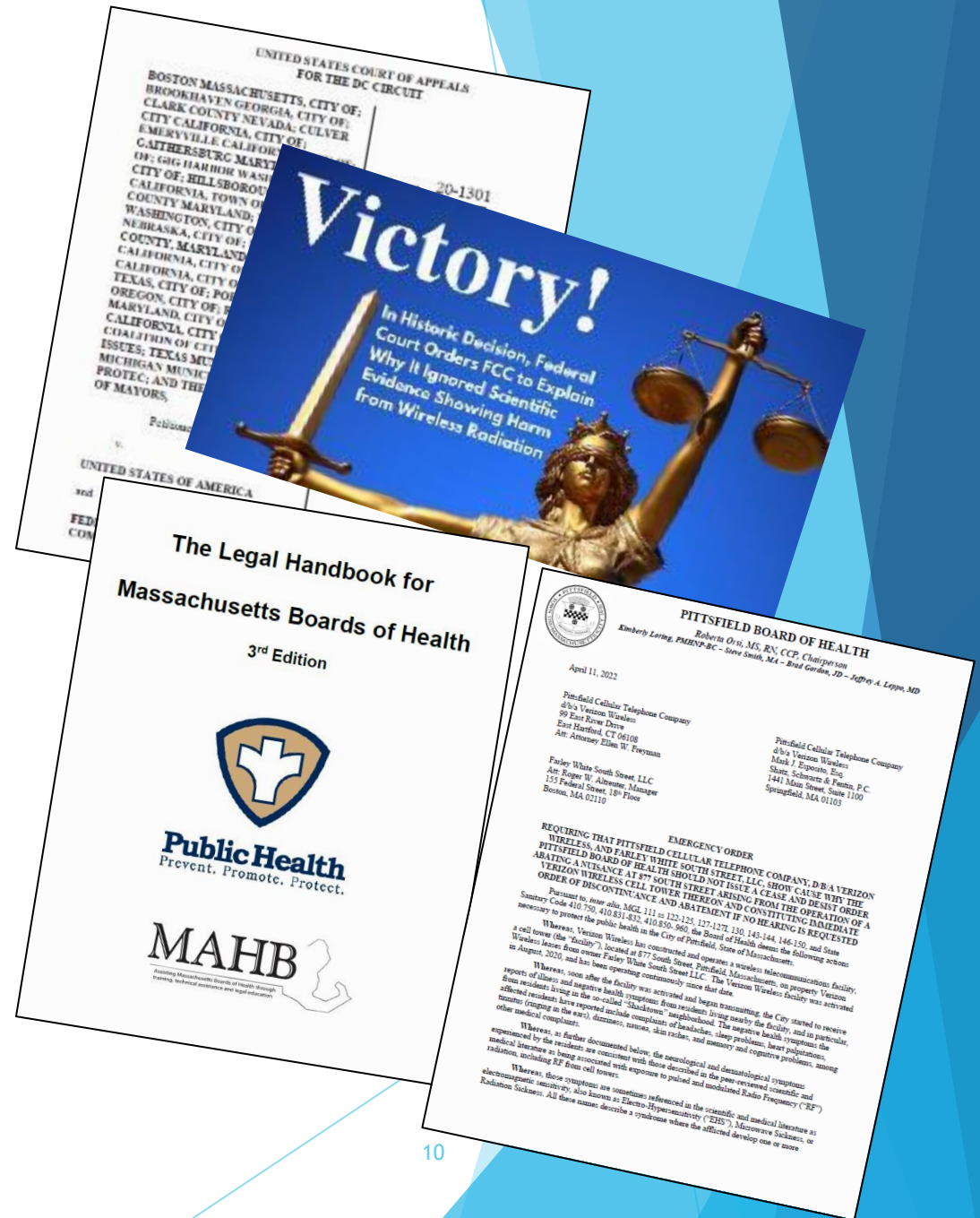
# Public Servants Taking Action

- ▶ Stamford, CT rejects 5G
- ▶ Easton, CT 5G moratorium
- ▶ Hawaii County bans 5G
- ▶ Worldwide actions



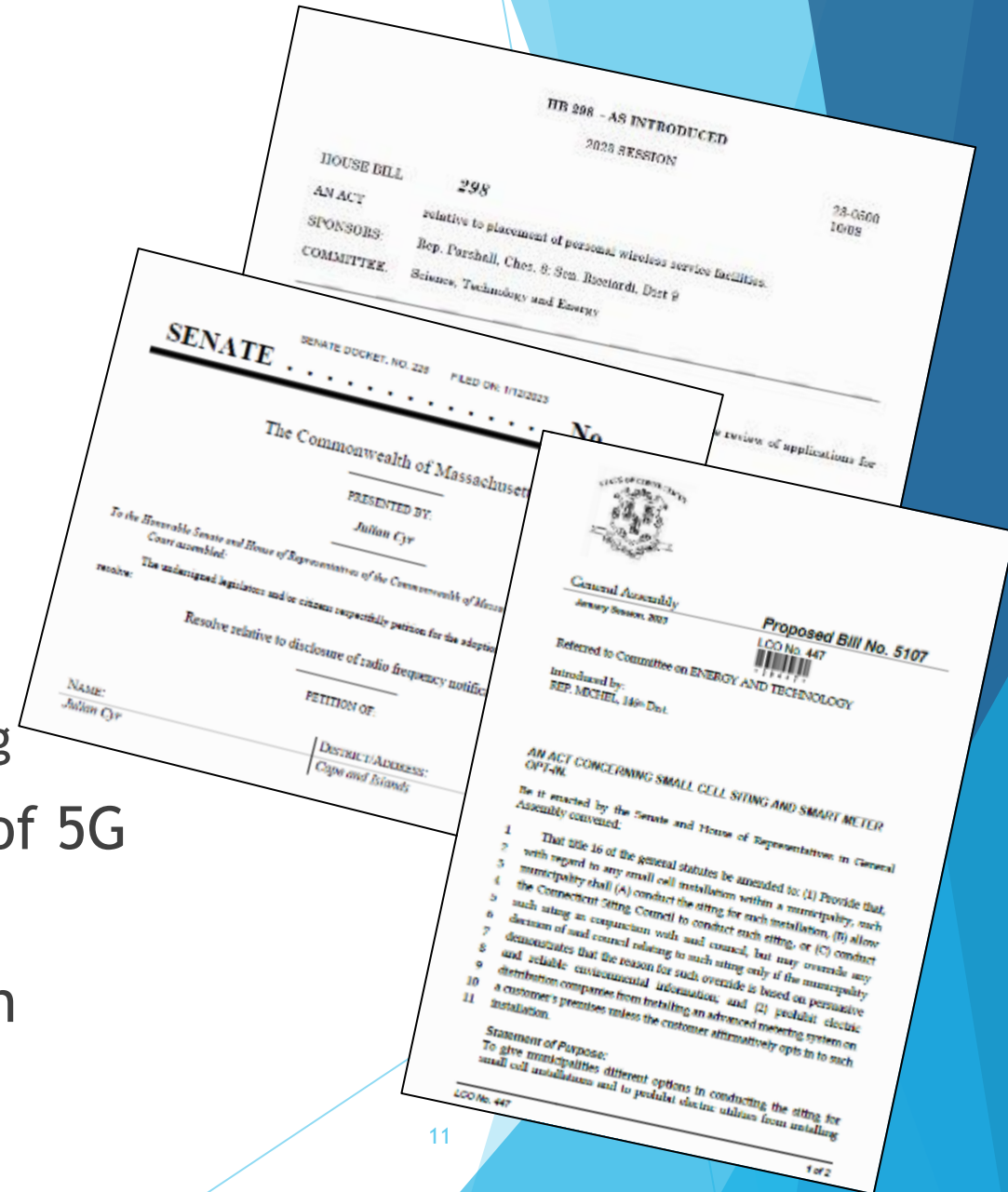
# Legal Solutions

- ▶ FCC Sued:
  - ▶ [Environmental Health Trust](#)
- ▶ Fay School ADA: [Court recognizes non-thermal biological effects](#) for the first time
- ▶ [MA Board of Health Legal Guidelines](#)
  - ▶ BoH legally empowered to protect health
  - ▶ Pittsfield, MA BoH to Verizon: [cease and desist order](#) & [citizen lawsuit](#)
- ▶ Many other [lawsuits](#)



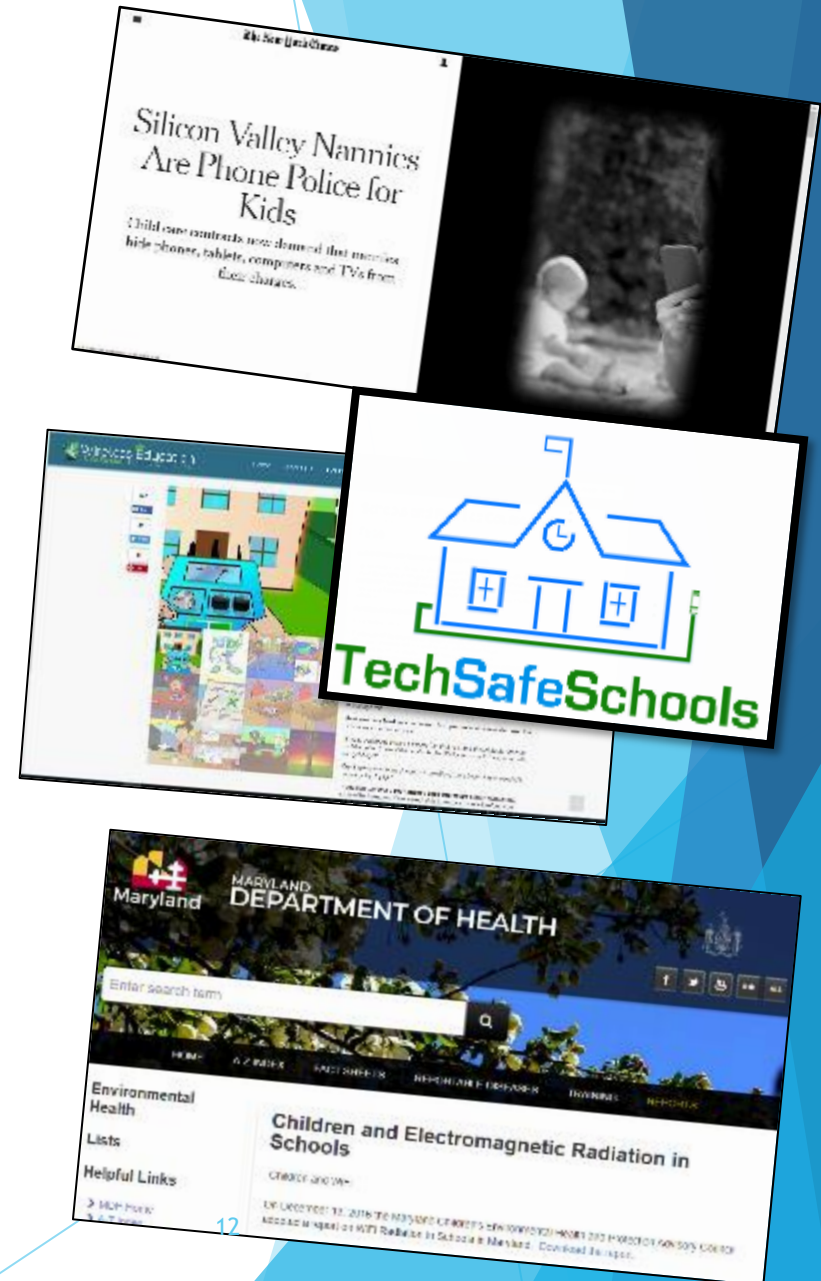
# 2023-4 Bills

- ▶ MA Bills: see hearing [testimonies](#)
  - ▶ [S.155](#): Commission
  - ▶ [S.156](#): Protect children from handheld devices
  - ▶ [S.316](#): Schools
  - ▶ [S.2152](#): Smart meter choice, emergency bill
  - ▶ [S.1044](#): Civil rights
  - ▶ [H.2158](#): EMS recognition, registry and reporting
- ▶ NH [HB1487](#) relative to the health effects of 5G technology
- ▶ ME [LD 697](#) Birds, bees insects and children
- ▶ CT [HB-5107](#) Small cells and smart meters
- ▶ Bills in [Other States](#)



# School Actions

- ▶ [New York Times](#): Silicon Valley execs banning screens from their children
- ▶ [Netherlands](#), Finland and others removing technology!
- ▶ Louisiana law passed [HB548](#) for [school best practices for digital devices](#)!
- ▶ [Maryland](#) first public health agency to recommend hard-wiring in schools, see [fact sheet](#)
- ▶ [TechSafe Schools](#) national program
- ▶ [Curriculum](#) & [Professional Development](#)
- ▶ Wireless Education's [Schools & Families](#) on-line course
- ▶ Extensive printable resources at [Environmental Health Trust](#)
- ▶ U.S. Collaborative for High Performance Schools [low-EMF best practices](#)
- ▶ [Cyprus safety recommendations](#) for study at home





# Next Steps

- ▶ Utility meter opt-out
- ▶ Educate the public
  - ▶ Sponsor public/regional forums ([Tri Town Health Department](#), [Hanscom Area Towns Selectboard](#))
- ▶ Train [schools & staff](#) on safe tech ASAP; demand switches, hard-wire
- ▶ Update zoning code, hire special counsel ([Donna Brewer](#), [Andrew Campanelli](#))

**Safe Cell Tower Siting**  
What You Need to Know

October 19th, 6:30-7:00pm  
One Hour Online Zoom Discussion

Meeting ID: 810 4836 4531  
Passcode: TriTown  
[Click Here for Zoom Link](#)

Join Tri Town Health for a discussion on the health effects of electromagnetic radiation on citizens, policy makers and health care providers for their communities.

For Municipal leaders, legislators, lawyer educators, concerned citizens, parents, wireless radiation issue surrounding 4G health and environmental impacts, safe municipalities are doing to balance the interests of their citizens.

Presented by: Cecelia Doucette of Mar Health

**Information to be presented:**

- What other countries, states and cities are doing
- What we can do in the Berkshires to limit placement of wireless equipment in our communities
- Understanding EMFs
- Cell Tower research epidemiology
- RF experts
- Industry influence & FCC
- Precautionary principle
- Being pro-tech and pro-human
- Safe siting principles
- Massachusetts actions

**TechSafeSchools**

HOME LEGAL SCIENCE MITIGATION TECHSAFE ADVOCATE RESOURCES ABOUT FOR TEACHERS

Let's protect our kids. Let's hardwire our schools.

Become a TechSafe Advocate

Information for Teachers

Wireless in Schools



**The Hartbrook School**

Wi-fi On Demand Switch

switch enables Wi-Fi if needed ONLY for instruction

**TEACHER/STAFF ONLY** or with permission

turn ON switch for **SHORTEST** length of time  
light will indicate time selected

**THANK YOU FOR YOUR COOPERATION!**

**The Hartbrook School**

**Best practices for using Ethernet**  
(Wi-Fi, Bluetooth, Cellular and Hot Spots OFF)

- #1 TURN WI-FI OFF** All devices allow for Wi-Fi to be turned on/off
- #2 Locate the Wall Jack**
- #3 Plug one end of Ethernet cable into wall jack**  
\*It doesn't matter which end of the cable you insert into which device. Ethernet cables have the same connector on both ends.
- #4 Locate and Plug the other end of the Ethernet cable into device port**  
Find the Ethernet port on your laptop. The port is typically found on the side or back of the laptop. It looks like a thicker version of a telephone jack, and usually has a raised image or sticker of 3 squares connected by a series of lines.  
\*NOTE: if your device does not have an Ethernet port, please identify the proper port and adapter needed.

# Thank You & Questions!

- ▶ [Massachusetts for Safe Technology](#)
- ▶ [MA4SafeTech@gmail.com](mailto:MA4SafeTech@gmail.com)

