

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/Prov: \_\_\_\_\_

Email: \_\_\_\_\_

Date: \_\_\_\_\_

School or Daycare: \_\_\_\_\_

Address: \_\_\_\_\_

City/Prov: \_\_\_\_\_

Dear Principals, Teachers, and Staff:

I am writing to ask you to stop using Wi-Fi in our children's school because of strong evidence that it is harmful to their health. As staff who are committed to children's early development, I appreciate you taking the time to carefully read this letter. Over the past year, I have conducted research on the long-term health effects of radiofrequency ("RF") electromagnetic field ("EMF") radiation, which is emitted by cell phone towers, cell phones, wireless computers, tablets, and Wi-Fi routers.

Research on RF radiation has shown that:

- There are many harmful effects of EMF radiation including: increased cancer<sup>[1]</sup>, DNA damage, oxidative stress, sperm/testicular damage, altered brain development, sleep changes, hyperactivity, and memory and cognitive problems<sup>[2][3]</sup>;
- Each of these effects are caused by EMF exposure from emitting devices like Wi-Fi routers, cell phones, tablets, and cell phone towers;
- EMF effects are often cumulative and may be irreversible<sup>[2]</sup>; and,
- EMFs impact young people more than adults<sup>[4]</sup> because their bodies are smaller and they are still growing and developing.

Current regulations regarding exposure to RF radiation are inadequate. Health Canada maintains in Safety Code 6 that there are no long-term effects caused by RF EMFs, therefore, the exposure limits are based solely on heating (thermal) effects. However, there are numerous studies both experimental and epidemiological, that show that RF radiation can harmfully impact human health and the environment. In 2011, the World Health Organization classified RF EMFs as possibly carcinogenic to humans (Group 2B)<sup>[5]</sup> and the research shows this classification does not go far enough. In 2015, scientists put together an International Appeal for more protective guidelines regarding EMF exposure, encouraging precautionary measures and educating the public about health risks, particularly risks to children and to fetal development<sup>[6]</sup>.

Across North America and the world, parents and teachers have spoken against the use of Wi-Fi in our schools:

- The Canadian Teachers' Foundation advocates for a prudent approach by limiting children's exposure to Wi-Fi by using a hard-wired connection and turning on wireless internet only when necessary<sup>[7]</sup>.
- France, Belgium, Israel, Spain, Australia and Italy all have all **taken action** on removing or reducing Wi-Fi (or cellphone) use in schools. In 2015, France passed a law banning Wi-Fi from all nursery schools.
- In June 2019, Oregon passed a bill for the Oregon Health Authority to review the scientific studies on the health effects of exposure to microwave radiation, in particular to wireless in schools, and for the

Department of Education to develop recommendations to schools to reduce exposure to the radiation that is identified as harmful <sup>[8]</sup>.

While there are other sources of RF radiation that children are exposed to, the radiation put out by Wi-Fi routers is completely within our control. By using a wired connection (ethernet cable), the RF radiation exposure drops to nearly zero (about 1000 times). I am aware that schools use many forms of technology to support teaching, communication, and administrative functions. The use of this technology could be modified so that it is used with a wired connection (with Wi-Fi routers shut off) or minimized such that Wi-Fi is only turned on when the technology is in use. These actions will significantly limit children's exposure to harmful Wi-Fi radiation, decrease behavioral issues, and allow for optimal development.

I ask that Wi-Fi be removed from all daycares and schools. I encourage you to do more research on the effects of wireless radiation. I appreciate your consideration and look forward to hearing about the actions being taken on this matter.

If you would like more information or help implementing the proposed changes, I can be reached by phone at \_\_\_\_\_ and by email at \_\_\_\_\_.

Respectfully,

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### **References:**

1. National Toxicology Program (NTP) Carcinogenesis Studies of Cell Phone Radiofrequency Radiation  
<https://ntp.niehs.nih.gov/results/areas/cellphones/index.html>
2. Pall, Martin L. "Wi-Fi is an important threat to human health"  
<https://www.sciencedirect.com/science/article/pii/S0013935118300355>
3. Environmental Health Trust – Scientific Research On Wireless Health Effects  
<https://ehtrust.org/science/research-on-wireless-health-effects/>
4. Morgan, Kesari, and Davis "Why children absorb more microwave radiation than adults: The consequences"  
<https://www.sciencedirect.com/science/article/pii/S2213879X14000583>
5. WHO International Agency for Research on Cancer (IARC) classifies RF-EMFs as a "possible carcinogen"  
[https://www.iarc.fr/wp-content/uploads/2018/07/pr208\\_E.pdf](https://www.iarc.fr/wp-content/uploads/2018/07/pr208_E.pdf)
6. International EMF Scientist Appeal  
<https://emfscientist.org/index.php/emf-scientist-appeal>
7. Canadian Teachers' Federation – The Use of Wi-Fi in Schools – Briefing Document  
<https://www.ctf-fce.ca/en/Pages/Issues/Wi-Fi-Briefing-Document.aspx>
8. Oregon Legislative Assembly - Senate Bill 283  
<https://olis.leg.state.or.us/liz/2019R1/Downloads/MeasureDocument/SB283>

### **Additional Resources:**

Physicians for Safe Technology – Scientific Literature on Wi-Fi Radiation Effects  
<https://mfsafetech.org/wi-fi-effects/>

Parents for Safe Technology – Best Practices for Schools  
<http://www.parentsforsafetechnology.org/best-practices-for-schools.html>

Wi-Fi in Schools Toolkit  
<https://ehtrust.org/wp-content/uploads/WiFi-in-Schools-Toolkit-EHT.pdf>

Letter on Health Risks of Wi-Fi in School for Principal and School Administrators  
<https://ehtrust.org/letter-on-health-risks-of-wi-fi-in-school-for-principal-and-school-administrators/>