Children's Vulnerability

Why Children Absorb More Microwave Radiation than Adults: The Consequences. Morgan, Kesari, et al. Journal of Microscopy and Ultrastructure 2(4):196-204 (2014).
https://www.sciencedirect.com/science/article/pii/S2213879X14000583

International Commission on the Biological Effects of Electromagnetic Fields (ICBE-EMF). (2026). Safeguarding children's health in the digital age: Addressing screen time, wireless radiation and extremely low-frequency non-ionizing electromagnetic field exposures. Position statement https://icbe-emf.org/wp-content/uploads/2026/09/ICBE-EMF-Child-Health-Cell-Phone-Cell-Tower-EMF-Position-Statement-PDF-982026-1.pdf

Davis, D., Birnbaum, L., Ben-Ishai, P., Taylor, H., Sears, M., Butler, T., & Scarato, T. (2023). Wireless technologies, non-ionizing electromagnetic fields and children: Identifying and reducing health risks. *Current Problems in Pediatric and Adolescent Health Care*, *53*(2), 101374. https://doi.org/10.1016/j.cppeds.2023.101374

Fernández, C., de Salles, A. A., Sears, M. E., Morris, R. D., & Davis, D. L. (2018). Absorption of wireless radiation in the child versus adult brain and eye from cell phone conversation or virtual reality. *Environmental Research*, *167*, 694–699. https://doi.org/10.1016/j.envres.2018.05.013

Soares, N. E., Bulla, G., Fernández-Rodríguez, C. E., & de Salles, A. A. A. (2025). SAR estimations in a classroom with wireless computers. *Journal of Microwaves, Optoelectronics and Electromagnetic Applications*, *24*(2), e2025288526. https://doi.org/10.1590/2179-10742025v24i3288526

School Recommendations

Clegg, F. M., Sears, M., Friesen, M., Scarato, T., Metzinger, R., Russell, C., Stadtner, A., & Miller, A. B. (2020). Building science and radiofrequency radiation: What makes smart and healthy buildings. *Building and Environment*, *176*, 106324. https://doi.org/10.1016/j.buildenv.2019.106324

Collaborative for High Performance Schools. (n.d.). Low EMF best practices summary. https://healthytechhome.org/wp-content/uploads/sites/201/CEHPAC-EMF-in-HomeWi-Fi-in-School-Report.pdf

Maryland State Children's Environmental Health and Protection Advisory Council. (n.d.). Guidelines to reduce electromagnetic field radiation. https://health.maryland.gov/phpa/OEHFP/EH/Shared%20Documents/CEHPAC/MD_CEHPAC_SchoolWiFi_022017_final.pdf

Maryland Children's Environmental Health and Protection Advisory Council. (2017). Wi-Fi in school report. https://health.maryland.gov/phpa/OEHFP/EH/Shared%20Documents/CEHPAC/MD_CEHPAC_SchoolWiFi_022017_final.pdf

Santa Clara County Medical Association. (2023). Best practices for safe technology in schools. https://www.sccma.org/Portals/19/LiveBlog/3697/SCCMA%20Best%20Practices%20for%20Safe%20Technology%20in%20Schools%20Recommendations%20%2021423.pdf