

Bronnen bij artikel Coen Bongers, Rohan de Bresser en Jan Willem Teunissen ***Van zweten naar uitputting: voorkom hitteletsel in de gymles (LO3 2025)***

Bronnen

- Ament, W., & Verkerke, G. J. (2009). Exercise and Fatigue. *Sports Medicine*, 39(5), 389-422. <https://doi.org/Doi> 10.2165/00007256-200939050-00005
- Arbocatalogus, P. (2025). *Gymnastieklokaal - Temperatuur*. Retrieved 18-02-2025 from <https://arbocataloguspo.nl/themas/veiligheid-en-gezondheid-schoolgebouwen/gymnastieklokaal-temperatuur>
- Bouchama, A., Abuyassin, B., Lehe, C., Laitano, O., Jay, O., O'Connor, F. G., & Leon, L. R. (2022). Classic and exertional heatstroke. *Nat Rev Dis Primers*, 8(1), 8. <https://doi.org/10.1038/s41572-021-00334-6>
- Cheuvront, S. N., & Haymes, E. M. (2001). Thermoregulation and marathon running: biological and environmental influences. *Sports Medicine*, 31(10), 743-762.
- Edwards, R. H. T., Hill, D. K., & Jones, D. A. (1975). Heat Production and Chemical Changes during Isometric Contractions of Human Quadriceps Muscle. *Journal of Physiology-London*, 251(2), 303-315. <https://doi.org/DOI> 10.1113/jphysiol.1975.sp011094
- Falk, B., Bar-Or, O., & MacDougall, J. D. (1992). Thermoregulatory responses of pre-, mid-, and late-pubertal boys to exercise in dry heat. *Med Sci Sports Exerc*, 24(6), 688-694. <https://www.ncbi.nlm.nih.gov/pubmed/1602941>
- Fisher, K. G., Cottle, R. M., Kenney, W. L., & Wolf, S. T. (2024). Sunscreen does not alter sweating responses or critical environmental limits in young adults (PSU HEAT project). *J Appl Physiol* (1985), 136(2), 322-329. <https://doi.org/10.1152/jappphysiol.00756.2023>
- Gerritsen, F., & Welter, R. (2023). Duurzaam bewegings onderwijs in wijsgerig perspectief. *LO Magazine*(3), 10-13.
- Gomes, L. H., Carneiro-Junior, M. A., & Marins, J. C. (2013). Thermoregulatory responses of children exercising in a hot environment. *Rev Paul Pediatr*, 31(1), 104-110. <https://doi.org/10.1590/s0103-05822013000100017>
- Hancock, P. A., & Vasmatazidis, I. (2003). Effects of heat stress on cognitive performance: the current state of knowledge. *Int J Hyperthermia*, 19(3), 355-372. <https://doi.org/10.1080/0265673021000054630>
- Hawley, J. A., Hargreaves, M., Joyner, M. J., & Zierath, J. R. (2014). Integrative biology of exercise. *Cell*, 159(4), 738-749. <https://doi.org/10.1016/j.cell.2014.10.029>
- Hemels, I. (2023). Schoolgebouw in nood. <https://avs.nl/actueel/nieuws/schoolgebouw-in-nood/>
- Jacklitsch, B., Williams, W., Musolin, K., Coca, A., Kim, J. H., & Turner, N. (2016). *NIOSH criteria for a recommended standard: occupational exposure to heat and hot environments*.
- Jay, O., Capon, A., Berry, P., Broderick, C., de Dear, R., Havenith, G., Honda, Y., Kovats, R. S., Ma, W., Malik, A., Morris, N. B., Nybo, L., Seneviratne, S. I., Vanos, J., & Ebi, K. L. (2021). Reducing the health effects of hot weather and heat extremes: from personal cooling strategies to green cities. *Lancet*, 398(10301), 709-724. [https://doi.org/10.1016/S0140-6736\(21\)01209-5](https://doi.org/10.1016/S0140-6736(21)01209-5)
- KVLO. (2019). *Handboek Huisvesting bewegingsonderwijs; Wet- en regelgeving*.
- KVLO. (2023). *Factsheet Huisvesting - Zaaltemperatuur*.
- Leurink, W., Bruins, E., Willems, J., & Deelen, W. (2023). Van grote voetafdruk naar kleine handdruk - Bewegingsonderwijs in een veranderend klimaat. *LO Magazine*(3), 4-6.
- NOS-Nieuws. (2024). Unicef waarschuwt voor gevolgen van oververhitting bij kinderen. <https://nos.nl/artikel/2530071-unicef-waarschuwt-voor-gevolgen-van-oververhitting-bij-kinderen>

- Periard, J. D., Eijssvogels, T. M. H., & Daanen, H. A. M. (2021). Exercise under heat stress: thermoregulation, hydration, performance implications, and mitigation strategies. *Physiol Rev*, 101(4), 1873-1979. <https://doi.org/10.1152/physrev.00038.2020>
- Stearns, R. L., Kucera, K. L., Hosokawa, Y., Filep, E. M., Grace, A., DeLong, R., Cantu, R., & Casa, D. J. (2024). Fatal Exertional Heat Stroke Trends in Secondary School Sports From 1982 Through 2022. *Sports Health*, 19417381241298293. <https://doi.org/10.1177/19417381241298293>
- Sund-Levander, M., Forsberg, C., & Wahren, L. K. (2002). Normal oral, rectal, tympanic and axillary body temperature in adult men and women: a systematic literature review. *Scand J Caring Sci*, 16(2), 122-128. <https://doi.org/10.1046/j.1471-6712.2002.00069.x>
- Tansey, E. A., & Johnson, C. D. (2015). Recent advances in thermoregulation. *Adv Physiol Educ*, 39(3), 139-148. <https://doi.org/10.1152/advan.00126.2014>
- TNO. (2024, 04-12-2024). *Nieuwe index "Hittekracht" helpt Nederland omgaan met toenemende hitte* <https://www.tno.nl/nl/newsroom/2024/12/nieuwe-index-hittekracht-helpt-nederland/#:~:text=Voor%20werknemers%20in%20verschillende%20beroepen,de%20omgeving%20en%20persoonlijke%20gezondheid.>
- Wunderlich, C. R. A. (1868). Das Verhalten der Eigenwärme in Krankheiten. In O. Wigand (Ed.). Wigand, O.