

Title: Science Fair Grade 9 on, Boiling Point: How Gradual Heat Change Escapes Our Perception - Logbook

Name: Victoria S, Jasmine W - Grade: 9- Renert School

DATE	ACTION	RESOURCES USED	OTHERS
Oct 5	Research	https://www.sciencedirect.com/science/article/abs/pii/S2210670719307140 https://www.mdpi.com/1660-4601/11/3/3304	
Oct 7	Research	https://www.science.org/doi/full/10.1126/sciadv.aaw1838 https://www.sciencedirect.com/science/article/pii/S0306456504000907	
Oct 9	Research	https://www.pnas.org/doi/full/10.1073/pnas.0812355106	
Oct 10	Research	https://news.asu.edu/20210729-understanding-past-climate-change-tipping-points-can-help-us-prepare-future https://insidebe.com/articles/present-bias/ https://www.britannica.com/science/thermoreception	
Nov 20	Research	https://www.kenhub.com/en/library/physiology/thermoreceptors?utm_source=chatgpt.com HomeThermoreceptors - (Anatomy and Physiology I) - FiveableThermoreceptors are specialized sensory receptors that respond to changes in temperature, allowing the body to detect and react to thermal stimuli.	

		https://study.com/academy/lesson/thermoreceptors-definition-function-quiz.html	
Dec 6	Research	https://www.britannica.com/science/thermoreception	
Dec 13	Research	https://ehp.niehs.nih.gov/doi/full/10.1289/ehp.118-a484	
Dec 20	Research	https://www.britannica.com/science/Webers-law https://pmc.ncbi.nlm.nih.gov/articles/PMC7797714/ https://www.frontiersin.org/journals/psychology/articles/10.3389/fpsyg.2018.00151/full	
Dec 27	Research	https://go.gale.com/ps/i.do?id=GALE%7CA398630027&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=19328036&p=AONE&sw=w&userGroupName=anon%7E8692896a&aty=open-web-entry https://royalsocietypublishing.org/doi/10.1098/rspa.2022.0626?utm_source=chatgpt.com https://www.pnas.org/doi/10.1073/pnas.2025061118?utm_source=chatgpt.com#abstract	
Dec 28	Writing		
Dec 30	Writing		
Jan 3	Writing	https://www.statista.com/statistics/264699/worldwide-co2-emissions/	

Jan 7	Writing		
Jan 10	Research	https://pubmed.ncbi.nlm.nih.gov/30454591/#:~:text=Sweat%20production%20results%20from%20the,in%20skin%20sympathetic%20nerve%20activity https://www.britannica.com/science/thermoreceptor https://www.sciencedirect.com/topics/neuroscience/thermoreceptor	
Jan 11	Writing		Editing first section
Jan 12	Writing		Editing second section
Jan 17	Writing	https://docs.google.com/forms/d/14Z9T7KtCfTyRsmsYVZDIItCuR1cVeVOm17bfPmRa_qQo/edit → questionnaire	Writing third section
Jan 18	Research, Experiment planning, Writing	https://pmc.ncbi.nlm.nih.gov/articles/PMC3609876/ https://www.sciencedirect.com/topics/biochemistry-genetics-and-molecular-biology/electrical-synapse#:~:text=An%20electrical%20synapse%2C%20also%20known,one%20cell%20to%20another%20(Fig https://www.sciencedirect.com/topics/neuroscience/muscarinic-acetylcholine-receptor https://my.clevelandclinic.org/health/articles/24568-acetylcholine-ach https://www.cancer.gov/publications/dictionaries/cancer-terms/def/eccrine-gland	

		https://www.sciencedirect.com/topics/medicine-and-dentistry/apocrine-gland	
Jan 22	Experiment		First round
Jan 23	Writing and experiment		Second round
Jan 24	Writing		
Jan 27	Experiment discussion	https://docs.google.com/spreadsheets/d/19KE47in4Tcb3FNCGAS83jHLxB_qXG9j7lzca8S4Yydk/edit?resourcekey=&gid=153094320#gid=153094320	Done with both partners and mentor
Jan 31	Research/Writing	https://www.healthline.com/health/thermoregulation#process https://pmc.ncbi.nlm.nih.gov/articles/PMC4551211/ https://pubmed.ncbi.nlm.nih.gov/16601266/	
Feb 7	Writing		
Feb 9	Writing	https://wires.onlinelibrary.wiley.com/doi/full/10.1002/wcc.665	
Feb 14	Writing		

Feb 19	Writing		
Feb 24	Presentation prep		Formatting the slideshow with most information
Feb 28	Writing		
March 2	Writing	https://www.betterhealth.vic.gov.au/health/healthyliving/heat-stress-and-heat-related-illness	
March 5	Presentation Prep		
Mar 14	Presentation Prep		
Mar 16	Filming of video		