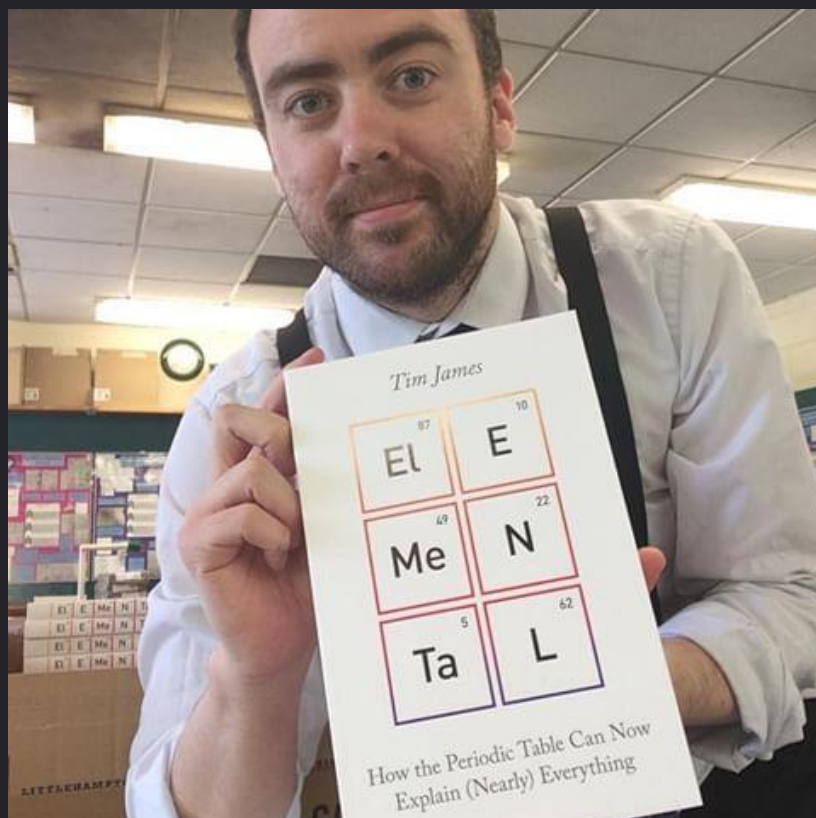


# Why That Shape? The Physics of the Periodic Table

An IOP lecture for the public, presented by  
Science author Tim James

Thursday 6<sup>th</sup> December 2018 – 6.00pm – 7.00pm  
No need to book – just turn up



Science author Tim James presents a talk on how quantum theory and particle physics underpin the laws of chemical reactions and the bizarre structure of the periodic table. Tim has previously delivered talks on string theory, quantum mechanics and the Higgs boson, which can sometimes be perceived as esoteric subjects. In this latest talk, he will show how these mind-boggling principles are directly relevant to our daily lives and how physics forms the backbone of chemistry, biology and life itself.

Location: Main Hall, Northgate Arts Centre, Sidegate Lane, Ipswich IP4 3DL  
For further information please contact [sds@northgate.suffolk.sch.uk](mailto:sds@northgate.suffolk.sch.uk)