





There are a lot of interesting online resources to learn how mathematics occurs in the real world and is embedded in our everyday lives.

- Marcus du Sautoy, [The Secret Rules of Modern Living Algorithms](#). He also has many other videos worth watching.
- Hannah Fry, we recommend the [Christmas lecture series](#) as well as her other videos.
- Jim Al-Khalili, we recommend the [Science and Islam](#) documentary.
- The [Institute of Mathematics and its Applications](#) (IMA) have some interesting content available.
- We also recommend the [MathsCareers](#) website.

## Read

- James Stewart, "Calculus", 8th edition (International Metric Version), Thomson Brooks/Cole, 2016. The 6th and 7th editions of this book are equally suitable.
- Howard Anton and Chris Rorres, "[Elementary Linear Algebra: With Supplemental Applications](#)", 11th edition, Wiley, 2015. The 8th, 9th and 10th editions of this book are equally suitable.
- Dennis D. Wackerly, William Mendenhall, Richard L. Scheaffer, "Mathematical Statistics with Applications", 7th Edition, Thomson Brooks/Cole, 2008.
- Brian D. Hahn, Daniel T. Valentine, "Essential MATLAB for Engineers and Scientists", 6th Edition, Academic Press, 2017. The 3rd, 4th and 5th editions of this book are all suitable. This will be available as an e-book at Brunel library once you are a registered student.
- Kenneth Rosen, "Discrete Mathematics and its Applications", 8th edition, McGraw Hill (Brian D)31 (. 21 F0009-BDC ( )TJ7th )Tg

