

# Chemistry – Prove Your Passion

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Below are some ideas for you to consider that will help enhance your subject knowledge.

## READ SOME BOOKS:

1. ***Why Chemical Reactions Happen.*** Keeler and Wothers
2. ***The chemistry of explosives.*** Akhavan, Jacqueline
3. ***The periodic kingdom – a journey into the land of the chemical elements.*** Atkins, Peter
4. ***Chemistry in the market place.*** Selinger, Ben
5. ***Bad science.*** Goldacre, Ben
6. ***Bad Pharma.*** Goldacre, Ben
7. ***The chemistry of fragrances.*** Pybus, David & Sell, Charles
8. ***Prometheans in the lab – chemistry and the making of the modern world.*** McGrayne, Sharon Bertsch

## VISIT SOME WEBSITES:

- **Catalyst** (<http://www.catalyststudent.org.uk/>), a science magazine for students aged 14-19
- **Resources for students collated by Royal Society of Chemistry** (<http://www.rsc.org/Education/SchoolStudents/index.asp>)
- **Chemistry World magazine** (<http://www.rsc.org/chemistryworld/index.asp>)
- **ChemNet society** (<http://www.rsc.org/Membership/Networking/ChemNet/index.asp>)
- **New Scientist** (<http://www.newscientist.com>)
- The Periodic Table videos from the University of Nottingham (<http://periodicvideos.com>)
- AS/A level resources from the University of Liverpool (<http://www.liv.ac.uk/chemistry/Undergrad/ALevel.html>)
- Animations of organic reactions mechanisms (<http://www.chemtube3d.com/ALevel.html>)
- A level chemistry notes (<http://www.chemguide.co.uk>)

## Watch some TV:

There are always loads and loads of Science (and more importantly Chemistry) documentaries on TV

Look out for:

1. Anything involving Jim Al-Kalili
2. Royal Institution Christmas Lectures (<http://www.rigb.org/christmas-lectures>)
3. Professor Brian Cox is always worth a look