



Year 11, 12 and 13 extra learning opportunities

In addition to the suggestions in the Redhill independent study guide there are also many useful online learning platforms, podcasts and YouTube channels that you can use. The time you have at the moment can help you to prepare you for A levels/college courses/apprenticeships, deepen your A level knowledge, get you ready for University study or you can simply learn something new beyond your subjects. These activities will also keep your brain active and sharp also helping you to make sure you keep thinking and challenging yourself.

The best place to start is Futurelearn. This contains 100s of MOOCs - these are free courses provided on a variety of topics from universities around the world. Here is the link;

<https://www.futurelearn.com/>

You can search by course or topic area.

Here are 3 examples of courses you can do right now.

1. Forensic investigation- 8 weeks , 3 hours a week. Open University.

<https://www.futurelearn.com/courses/forensic-psychology>

Discover forensic psychology and solve a crime using only eyewitness evidence

Despite advances in forensic science, eyewitness testimony remains a critical component of criminal investigations. But psychological research has revealed the dangers of relying on this testimony and how careful the police must be when questioning witnesses.

Using videos of real witnesses, from behind the scenes of a police investigation, this course explores the forensic psychology behind eyewitness testimony.

You'll get the chance to test your own cognitive skills and see if your investigative powers are as good as police officers', as you try to solve a crime using nothing but eyewitness evidence.



2. How to write your first song. – 6 weeks, 3 hours a week. The University of Sheffield
<https://www.futurelearn.com/courses/songwriting>

Courses / Creative Arts & Media

How to Write Your First Song

Get a practical introduction to the mechanics of songwriting and meet established songwriters with this free online course



Join course for free

3. Causes of climate change. Bergen University (Norway) 3 weeks, 4 hours
<https://www.futurelearn.com/courses/causes-of-climate-change>

Uncover the past, present, and future of the causes of climate change

This free online course provides the basis for understanding the underlying physical processes governing climate variations in the past, present and future.

YOUTUBE

YouTube - has some great channels where you can watch documentaries, mini-tutorials or lectures.

Tedtalks - free lectures usually less than 30 mins on every topic you can imagine

<https://www.youtube.com/user/TEDtalksDirector>

School of life - whole programmes of 10 minute vids on Philosophy, Sociology, Politics, Literature, etc

<https://www.youtube.com/user/schooloflifechannel/playlists>

RSA animate - Great animations that simplify complex ideas

<https://www.thersa.org/discover/videos/rsa-animate/2010/05/rsa-animate---the-secret-powers-of-time>

The Royal institute - interesting videos on everything Science based from “Can we trust Maths” to “Why have we not found aliens?”

<https://www.youtube.com/user/TheRoyalInstitution/playlists>



Universities

Universities themselves often offer lists of resources.

To really push your learning try the material on the Cambridge HE+ website

<https://www.myheplus.com/>

Or explore interesting questions with **Explore** (hosted by the University of Oxford)

<https://explore.org/>

Podcasts

Houston we have a podcast - NASA's official podcast

Stuff you should know - over 1000 episodes to choose from.

OR try the **BBC website** with a quality podcast for every topic you can imagine.

<https://www.bbc.co.uk/podcasts>



Hopefully this should get you started with ideas.... enjoy exploring.

