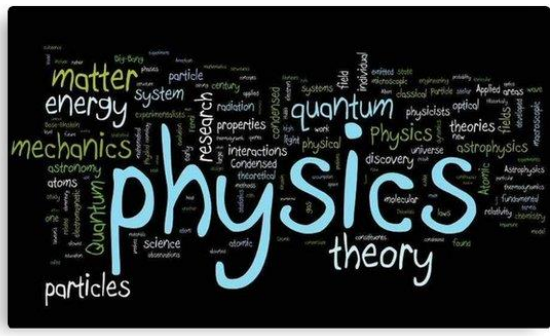
What Independent Study Looks Like In…Physics

1. Write out each equation from the topic in words and then describe the relationships (eg As X increases, y decreases).
2. Pick a key word (eg Light, forces, energy,) and list all of the links – add diagrams, definitions and equations for all related bits of physics.
3. Read a section of your text book and then read the same topic section in at least one other book (eg revision guide), then try to summarise in a few bullet points the principles of the topic, highlighting key words.
4. Create quizlet or flash cards for definitions, equations and relationships.
5. Use a learning website such as Seneca, khan academy or physicsclassroom and work through a tutorial on a topic, then answer some questions.
6. Work through the practice questions in the text books and revision guides and then check your answers.
7. Download past papers and examiners reports (available on Edmodo). Afterwards look at the mark scheme and examiners reports.
8. Make “cheat sheets” for practical work, listing measuring equipment, quantities to measure, graphs and how to analyse the data.
9. Make “cheat sheets” for explanations of core areas (eg Newtons law), with a list of bullet pointed sentences that you must refer to.
10. “Put it on a Page” Try and condense a topic area to one piece of A4 (diagrams, definitions, notes, equations).