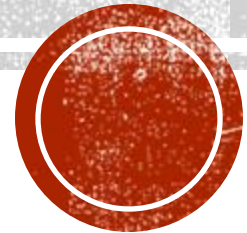


# TY SUBJECT OPTIONS - PHYSICS

P. McMahon



# WHAT IS PHYSICS?

- Physics is the study of the physical world around us.
- **Physics** is the study of the rules and principles governing the behaviour of the physical world in which we live.
- **Physics** seeks to provide explanations to observed phenomenon.



# COURSE BREAKDOWN

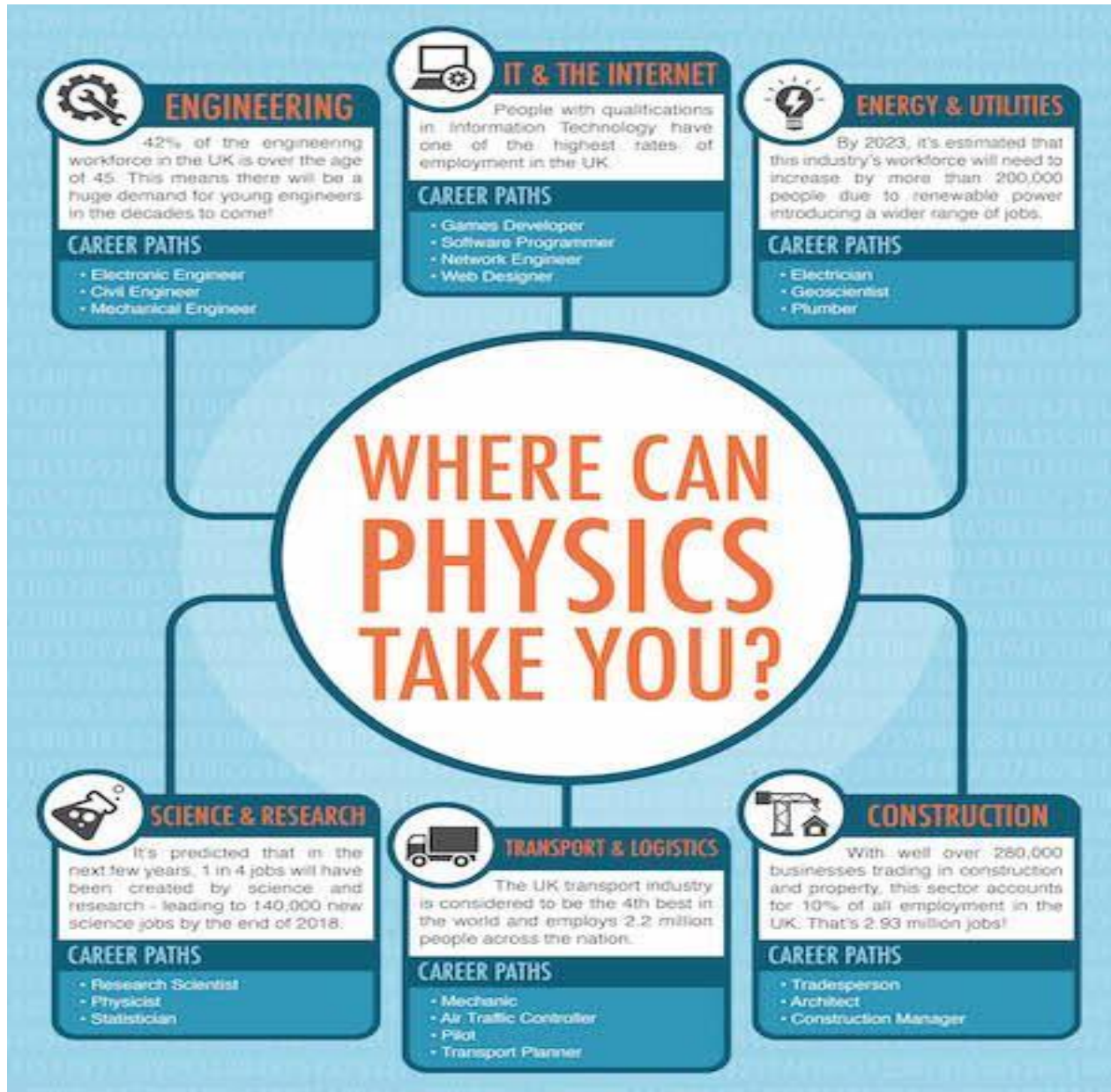
- The Leaving Cert Physics course is quite broad. It is broken down into the following topics;
  - Light.
  - Mechanics.
  - Sound & Waves.
  - Heat & Temperature.
  - Electricity.
  - Modern Physics.
  - Nuclear and Particle Physics.
- Lots of Mathematical relationships.



# EXAM BREAKDOWN

- Broken up into 2 sections.
- Section A consists of **four** questions from which you must answer **three**. Each question carries 40marks. (120 marks).
- Section B consists of **eight** questions from which you must answer **five**. Each question carries 56marks.





## CAREER OPTIONS

- Career options are endless with physics and many university courses may even require it. (Do your research).
- Physics graduates are keenly sought after in many other fields due to their problem solving skills.



Architecture



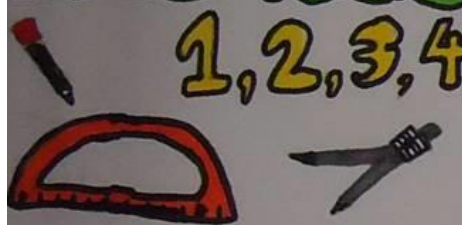
Engineering



Medicine



Mathematician  
1, 2, 3, 4



Physics Careers

Dentistry



Astronomy



Computing

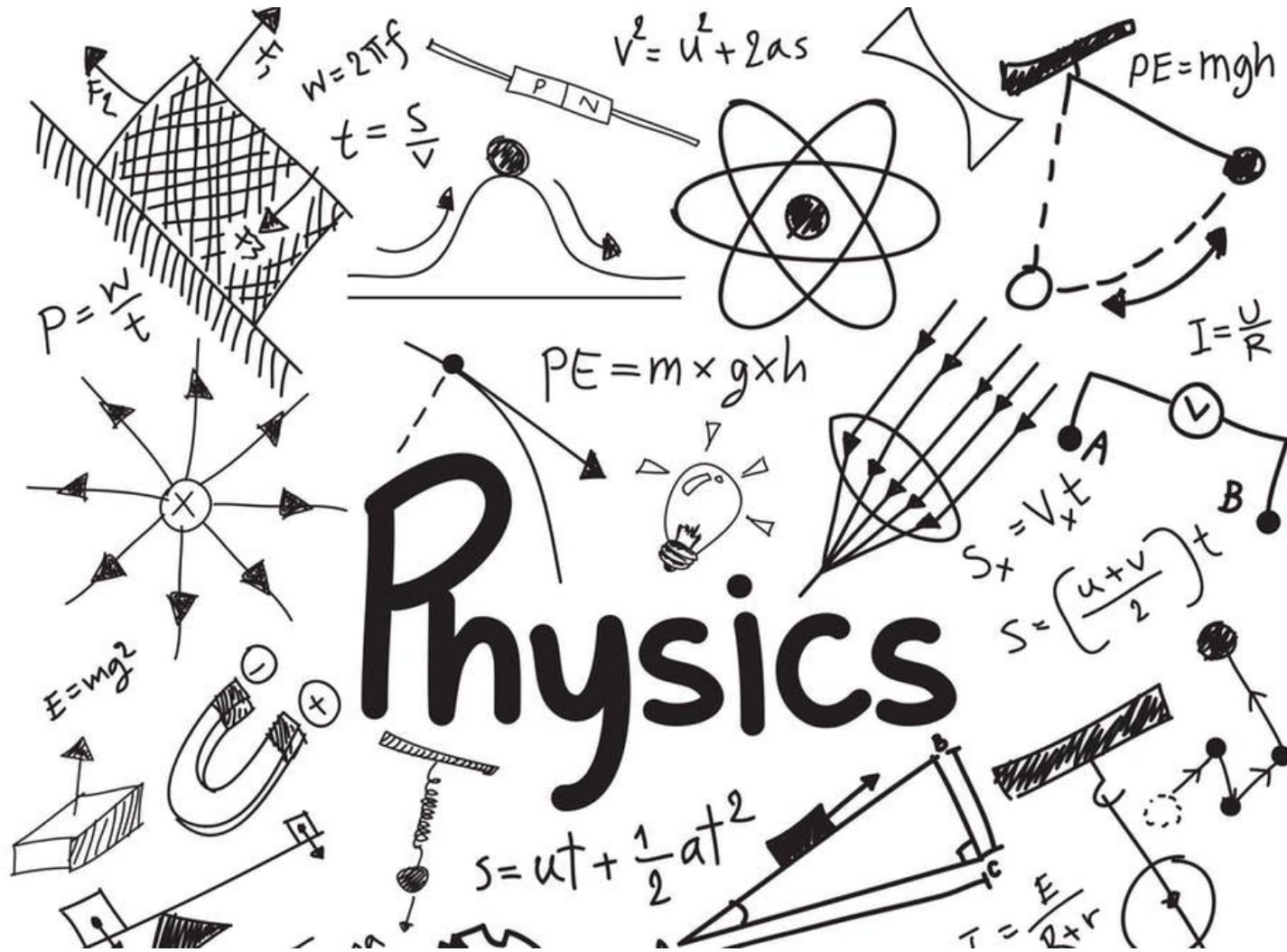


Optician



Physicist





## WHY / WHY NOT PHYSICS?

- Vast career options.
- Interesting to many.
- Requires a good base level of Mathematics from Junior Cert. ( Recommended Higher Level B )
- Very large syllabus.



Questions?

