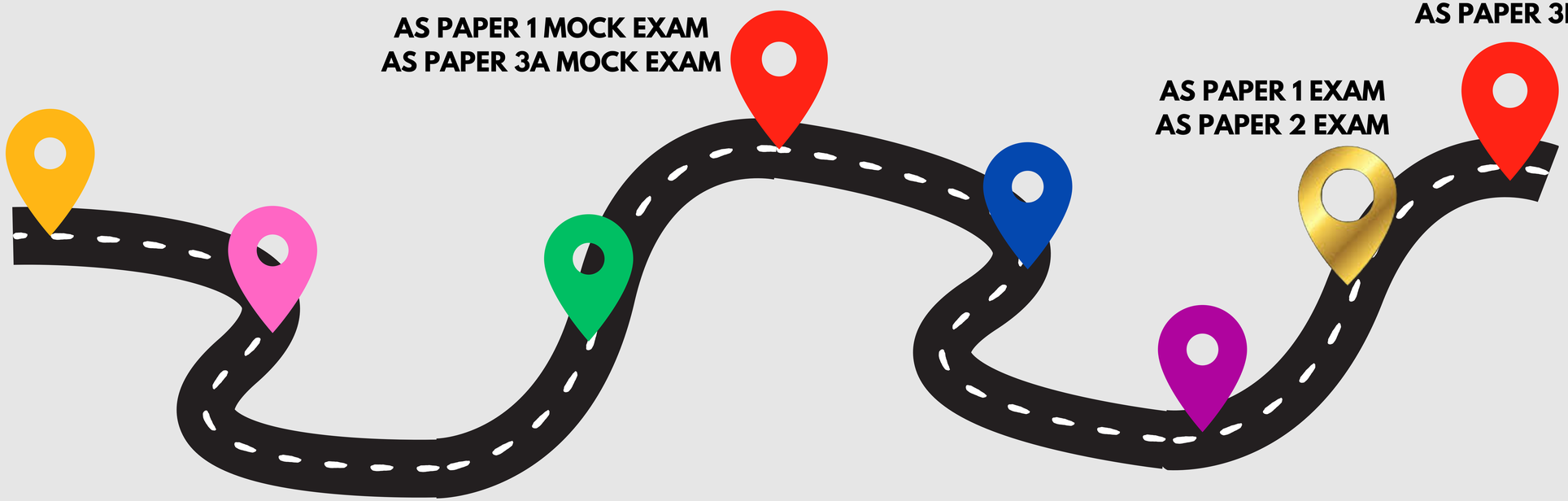
AS PHYSICS

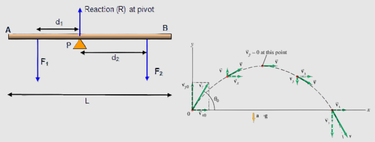


1 WORKING AS A PHYSICIST

1.1 Units
1.2 Estimation

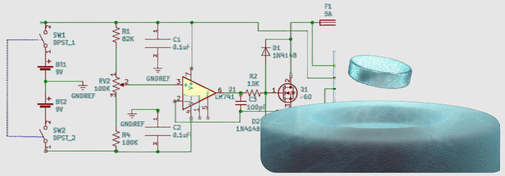
2 MECHANICS

2.1 Motion
2.2 Energy
2.3 Momentum



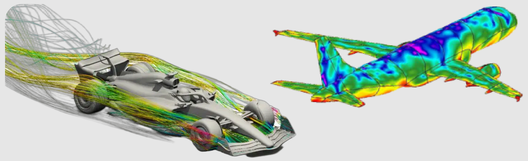
3 ELECTRIC CIRCUITS

3.1 Electrical Quantities
3.2 Complete Electrical Circuits



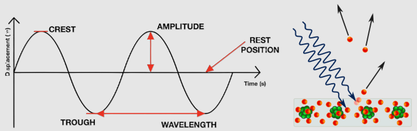
4 MATERIALS

4.1 Fluids
4.2 Solid Material Properties



5 WAVES & PARTICLE NATURE OF LIGHT

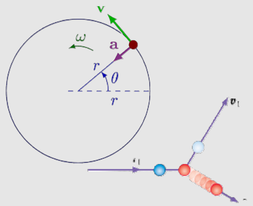
5.1 Basic Waves
5.2 The Behaviour of Waves
5.3 Optics
5.4 Quantum Physics



A LEVEL PHYSICS

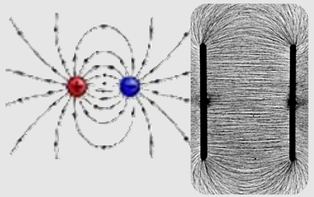
6 FURTHER MECHANICS

6.1 Further momentum
6.2 Circular motion



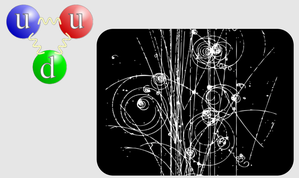
7 ELECTRIC & MAGNETIC FIELDS

7.1Electric fields
7.2 Capacitors
7.3 Electromagnetic effects



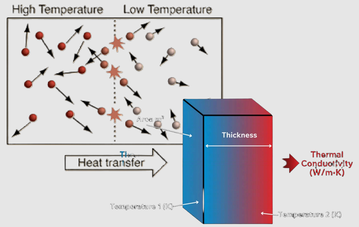
8 NUCLEAR & PARTICLE PHYSICS

8.1 Probing matter
8.2 Particle accelerators and detectors
8.3 The particle zoo



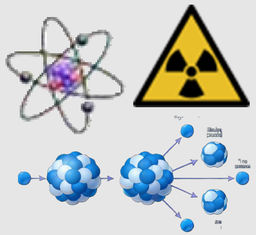
9 THERMODYNAMICS

9.1 Heat and temperature



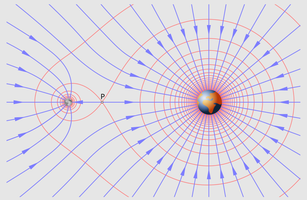
10 NUCLEAR RADIATION

10.1 Radioactivity



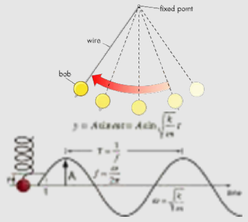
11 GRAVITATIONAL FIELDS

11.1 Gravitational fields



12 SPACE

12.1 Space

13 OSCILLATIONS

13.1 Oscillations