

# PHYSICS

Units and measurements

1

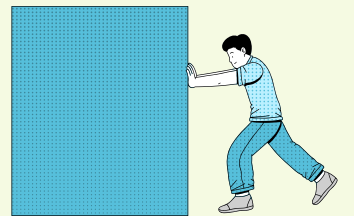


2

Motion in a straight line

Motion in a plane

3



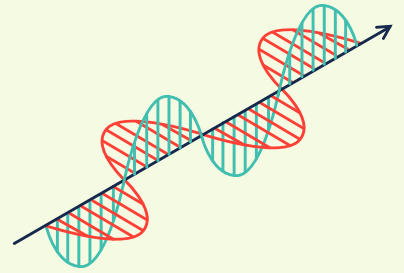
4

Work Energy & Power

$$E=mc^2$$

System of particles & rotational motion

5



6

Gravitation



Mechanical properties of solids

7



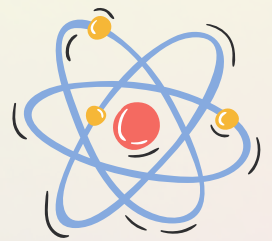
8

Mechanical properties of fluids



Thermal properties of matter

9



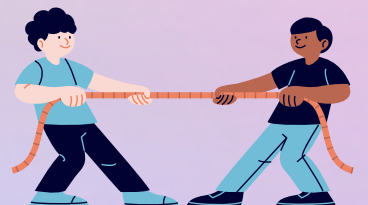
10

Thermodynamics



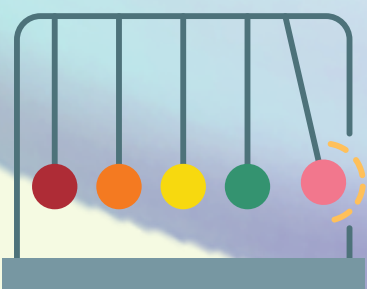
Kinetic Theory

11



12

Waves and Oscillations



# CHEMISTRY

Some Basic Concepts  
of Chemistry

1

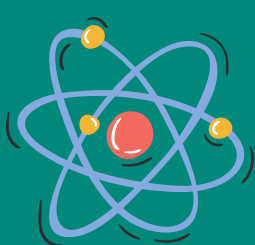
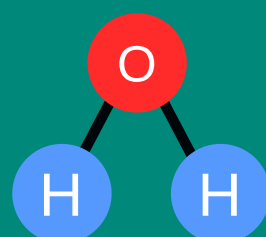


2

Structure of Atom

Classification of  
Elements and  
Periodicity in Properties

3

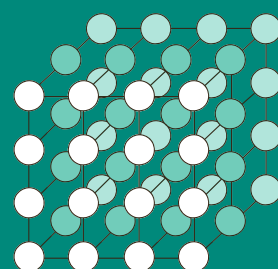


4

Chemical Bonding and  
Molecular Structure

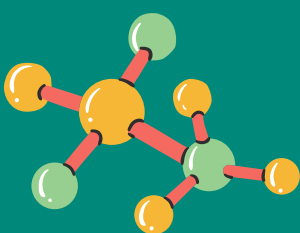
States of Matter:  
Gases and Liquids

5



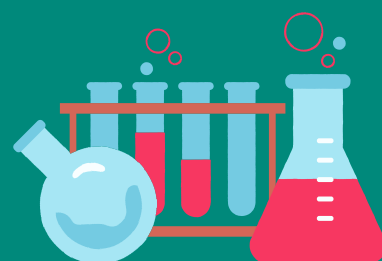
6

Thermodynamics



Equilibrium

7



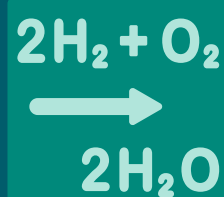
8

Redox Reactions



s-Block Elements

9



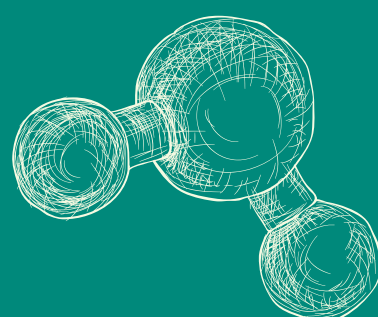
$P.V = n.R.T$

10

Some p-Block  
Elements

Organic Chemistry:  
some basic Principles  
and Techniques

11



12

Hydrocarbons



# MATHEMATICS

Sets

1



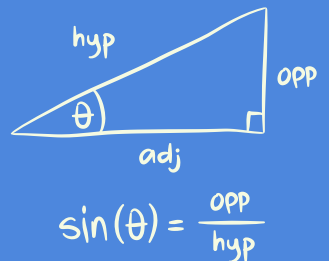
$\pi$

2

Relations and Functions

Trigonometry

3



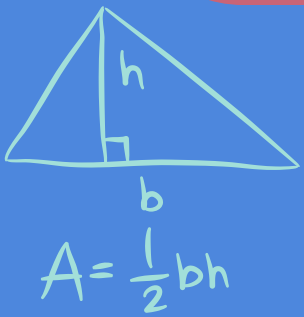
4

Complex Numbers and Quadratic Equations

Linear Inequalities

5

$$\frac{x}{a} + \frac{y}{b} = 1$$

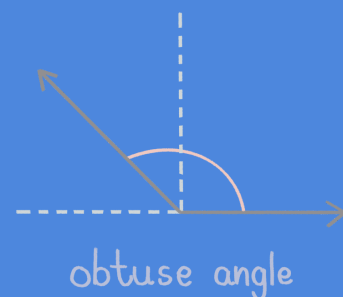


6

Permutations and Combinations

Binomial Theorem and Mathematical Induction

7

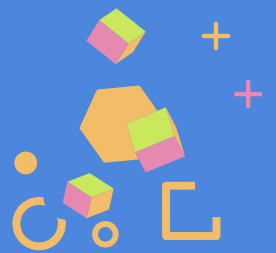


8

Sequences and Series

Straight lines

9



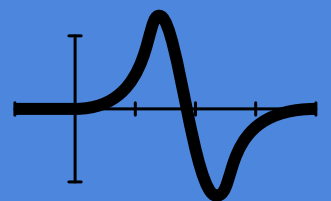
10

Conic Sections



Mathematical Reasoning

11



$f(x)$

12

Statistics