



FOUNDATION COURSE SYLLABUS (GRADE 6 TO 10)

- ✓ Mathematics
- ✓ Physics
- ✓ Chemistry
- ✓ Biology

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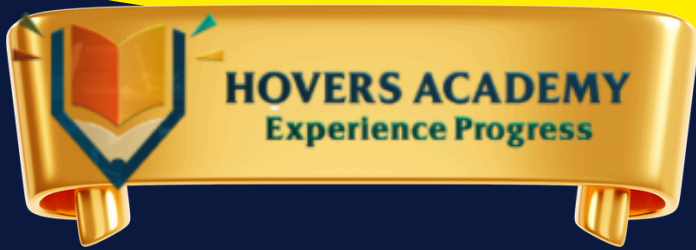


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Bangalore, India





FOUNDATION COURSE SYLLABUS MAIN

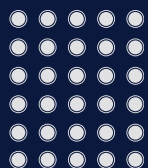
GRADE 6



MATHEMATICS



- ✓ Number Systems
- ✓ Factors and Multiples
- ✓ Fractions and Decimals
- ✓ Ratio and Proportion
- ✓ Basic Algebra
- ✓ Geometry: Angles, Triangles, Circles
- ✓ Mensuration
- ✓ Data Handling



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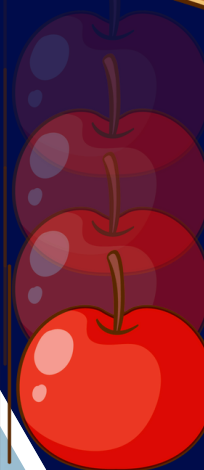


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PHYSICS

GRADE 6



**Motion & Measurement
of Distances**



**Light, Shadows and
Reflections**



Electricity and Circuits



Fun with Magnets



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GRADE 6

CHEMISTRY

SYLLABUS MAIN



ENROLL NOW

CHAPTERS:

- ✓ Sorting Materials into Groups
- ✓ Changes Around Us
- ✓ Separation of Substances



OUR WEBSITE :



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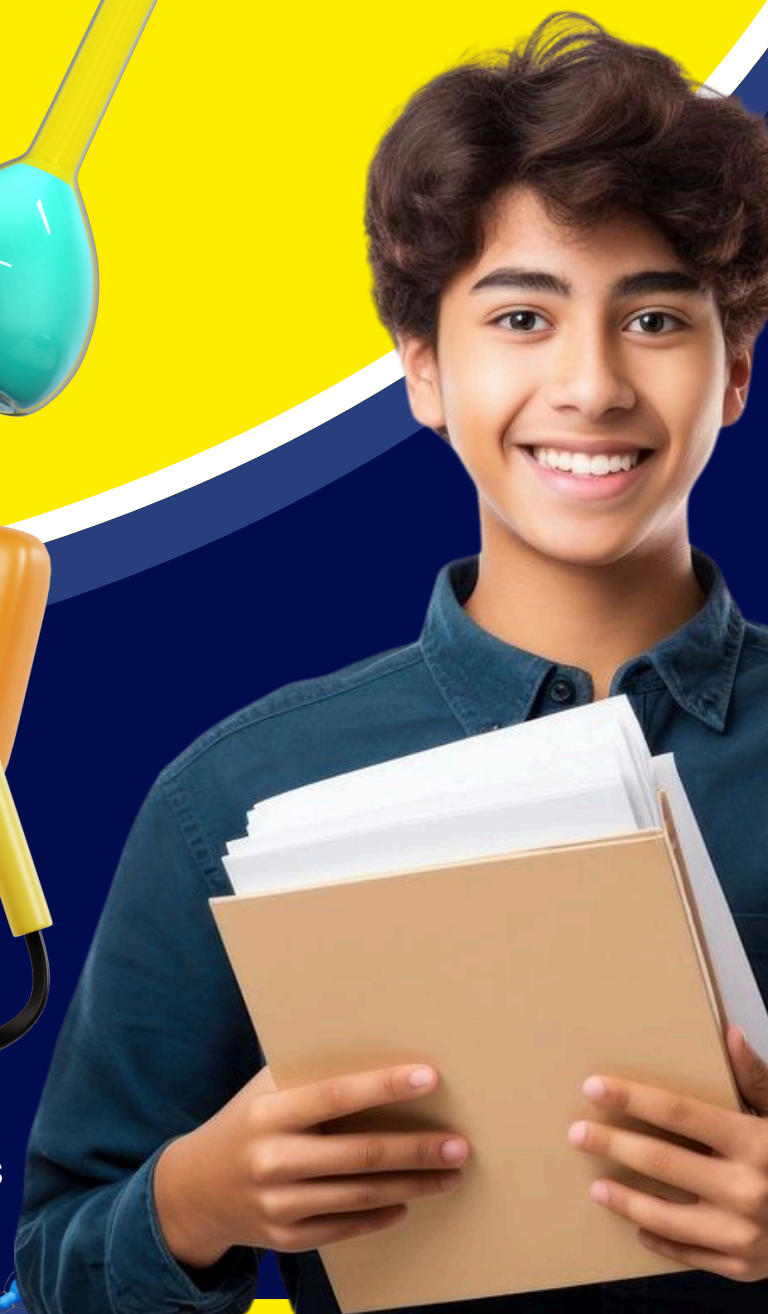


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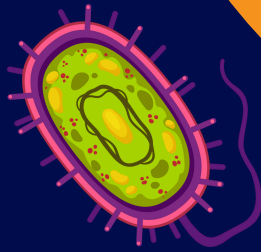
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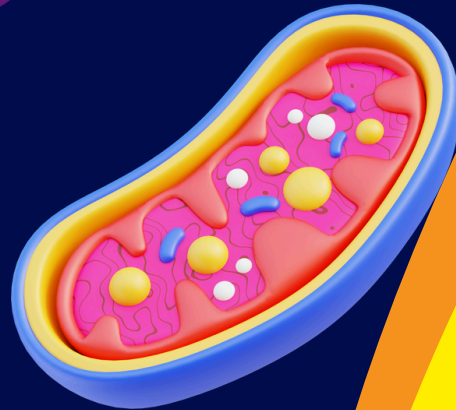
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Experience Progress

GRADE 6 BIOLOGY

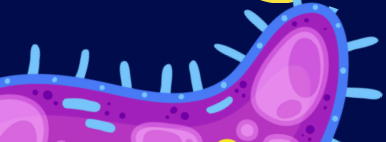


CHAPTERS:

- ✓ Food: Sources and Components
- ✓ Getting to Know Plants and Systems
- ✓ Body Movements
- ✓ Living Organisms and Their Surroundings



For More Information
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FOUNDATION COURSE SYLLABUS MAIN



GRADE 7 MATHEMATICS

CHAPTERS:

- Integers
- Fractions and Decimals
- Simple Equations
- Lines and Angles
- Triangles
- Perimeter and Area
- Data Handling



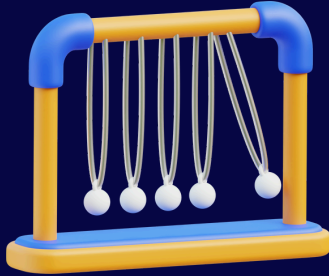
PHYSICS

GRADE 7



CHAPTERS:

- Motion and Time
- Heat
- Electric Current and Its Effects
- Winds, Storms and Cyclones



Start here

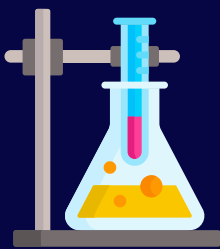


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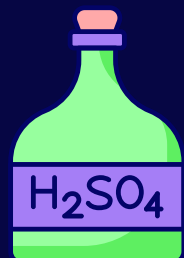


GRADE 7 CHEMISTRY



CHAPTERS:

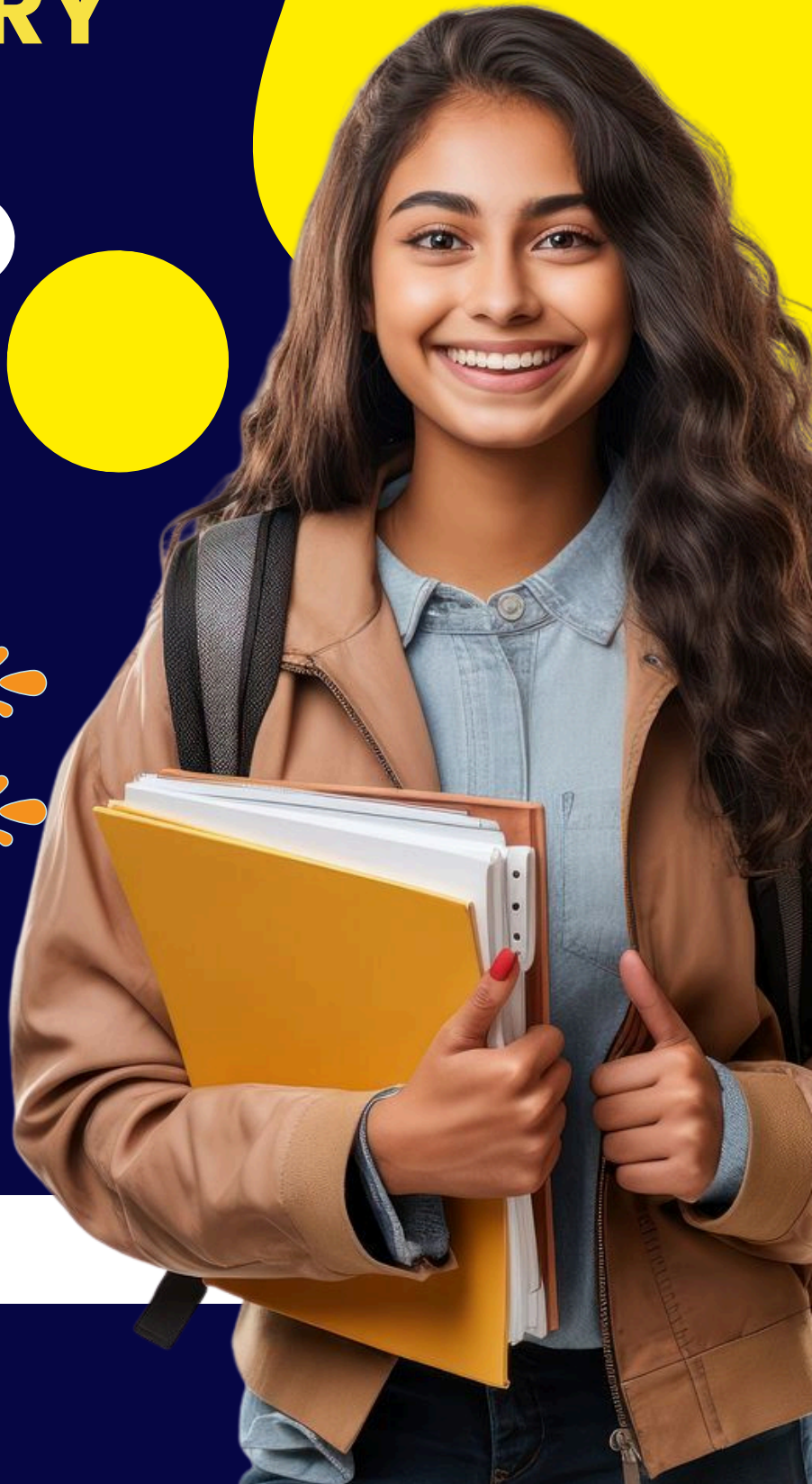
- Acids, Bases and Salts
- Physical and Chemical Changes



ENROL NOW

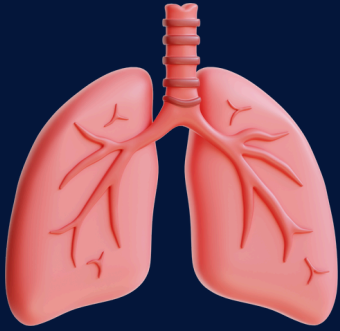


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BIOLOGY

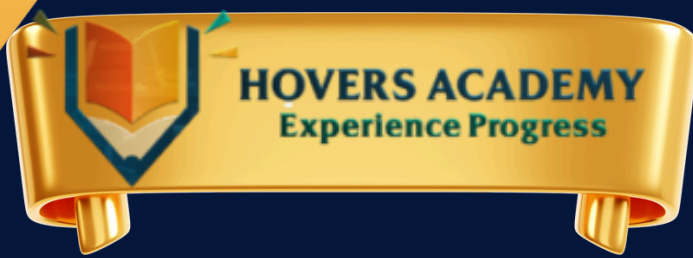
GRADE 7



CHAPTERS:

- Nutrition in Plants and Animals
- Respiration
- Transportation in Animals and Plants
- Reproduction in Plant





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MATHEMATICS

GRADE 8

CHAPTERS:

- Rational Numbers
- Linear Equations
- Understanding Quadrilaterals
- Mensuration
- Algebraic Expressions
- Squares and Square Roots
- Data Handling



$$ax^2 + bx + c = 0$$

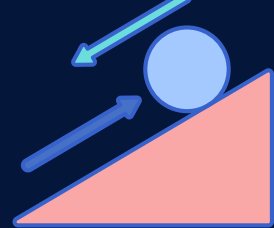
$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$



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PHYSICS

GRADE 8



CHAPTERS:

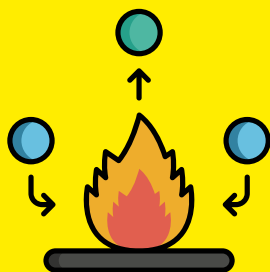
- Force and Pressure
- Friction
- Sound
- Chemical Effects of Electric Current





CHEMISTRY

GRADE 8

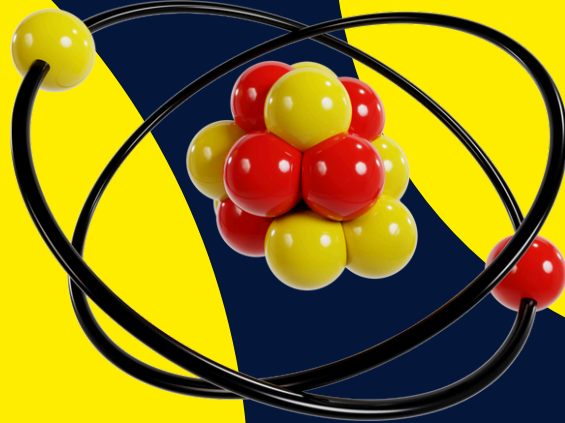


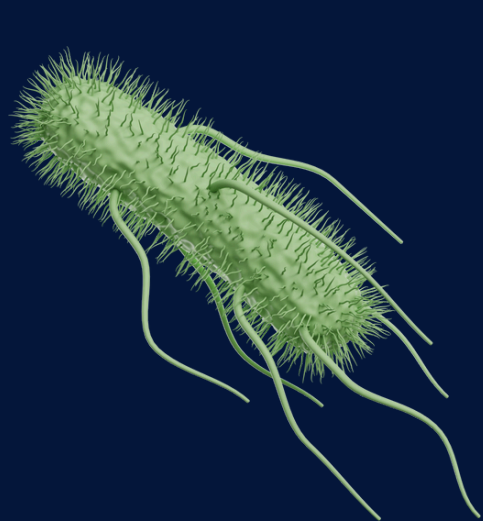
CHAPTERS:

- Synthetic Fibres and Plastics
- Metals and Non-Metal
- Coal and Petroleum
- Combustion and Flame

Get Started

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BIOLOGY

GRADE 8

CHAPTERS:

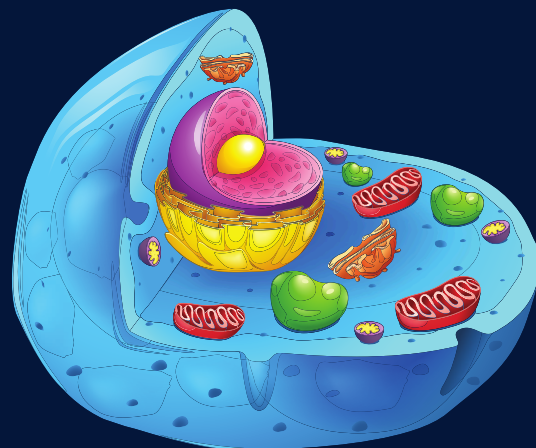
- Crop Production

- Microorganisms

- Cell - Structure and Functions

- Reproduction in Animals

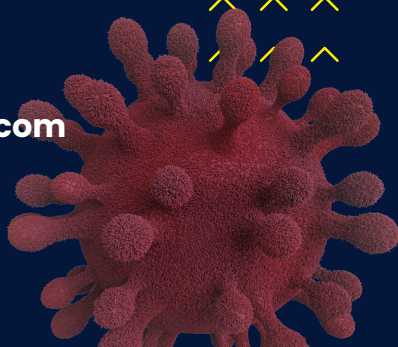
- Pollution of Air and Water



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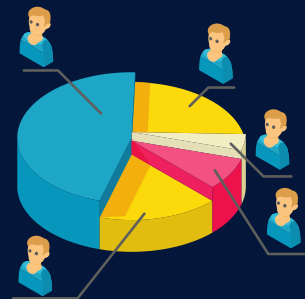


FOUNDATION COURSE SYLLABUS MAIN MATHEMATICS

GRADE 9

CHAPTERS:

- Number Systems
- Polynomials
- Coordinate Geometry
- Linear Equations in Two Variables
- Triangles
- Mensuration
- Statistics



1
2



PHYSICS

GRADE 9



CHAPTERS:

- Motion
- Laws of Motion
- Gravitation

- Work and Energy
- Sound





CHEMISTRY

GRADE 9

CHAPTERS:

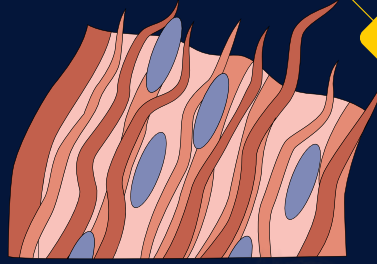
- Matter in Our Surroundings
- Is Matter Around Us Pure?
- Atoms and Molecules
- Structure of the Atom



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BIOLOGY

GRADE 9

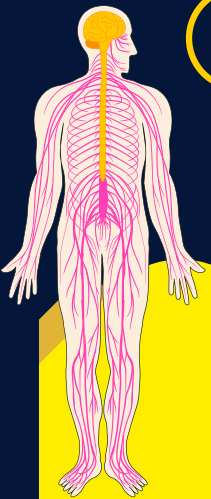


CHAPTERS:

- Cell - The Fundamental Unit of Life
- Tissues
- Diversity in Living Organisms
- Why Do We Fall Ill?
- Natural Resources



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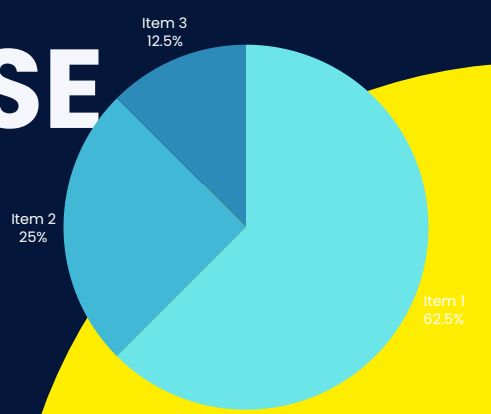
MATHEMATICS

GRADE 10

$$\begin{array}{c} \text{Factors} \\ \overbrace{(x+3)(x-4)} \\ = 0 \\ \hline \hline x = -3 ; x = 4 \\ \underbrace{\hspace{1.5cm}} \\ \text{Roots} \end{array}$$

CHAPTERS:

- ✓ Real Numbers
- ✓ Polynomials
- ✓ Quadratic Equations
- ✓ Arithmetic Progressions
- ✓ Trigonometry
- ✓ Circles
- ✓ Statistics and Probability



GET IN TOUCH



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PHYSICS

GRADE 10

Time

CHAPTERS:

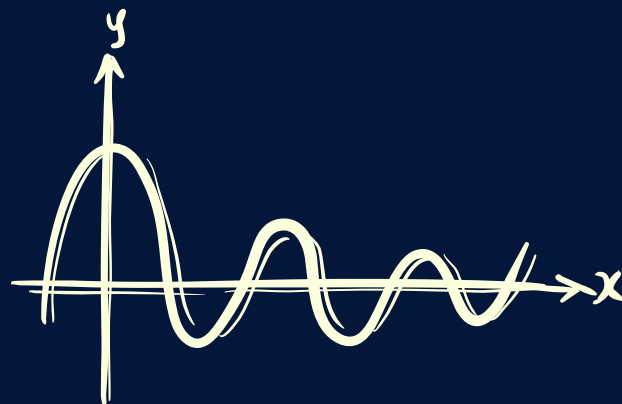
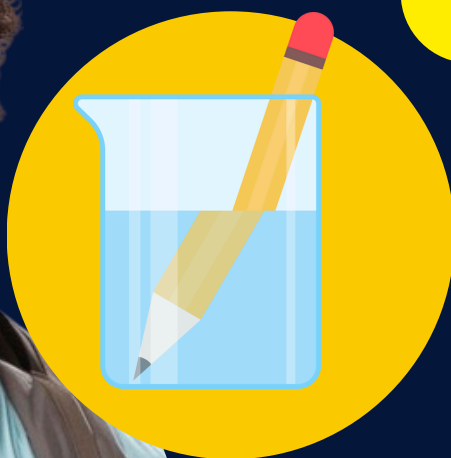
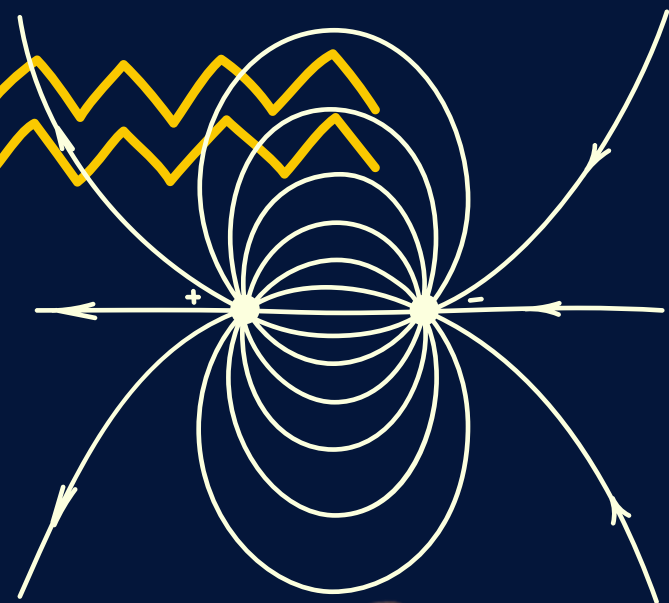
Light – Reflection and Refraction

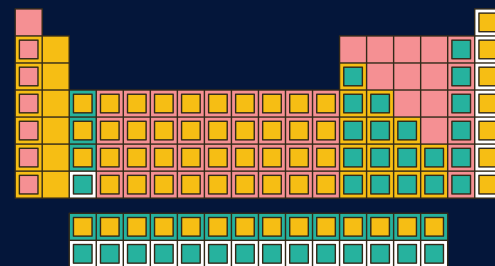
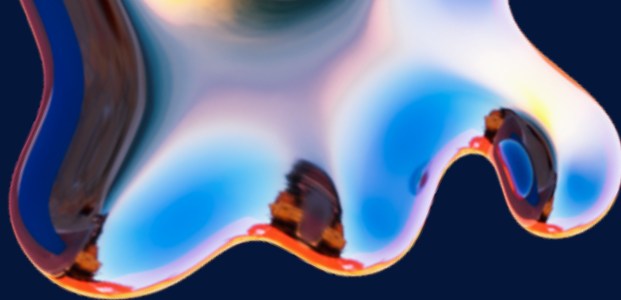
The Human Eye and the Colourful World

Electricity

Sources of Energy

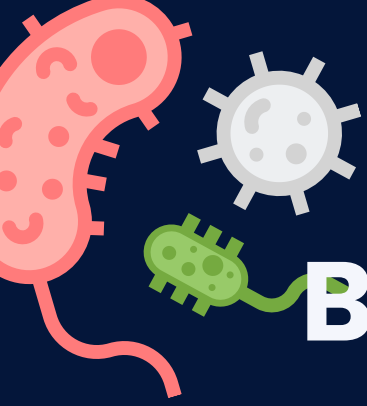
Magnetic Effects of Electric Current





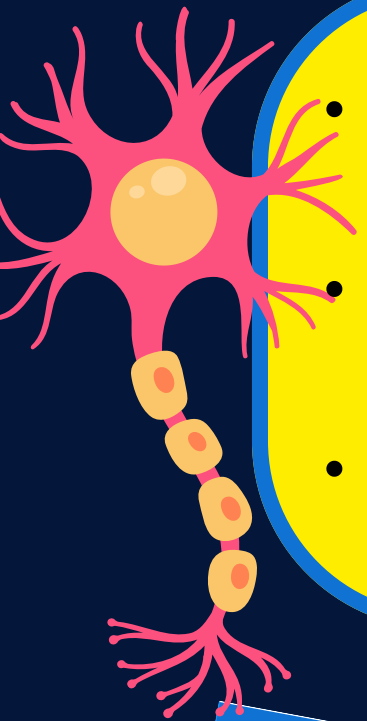
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BIOLOGY

GRADE 10



- How do Organisms Reproduce?
- Heredity and Evolution
- Our Environment

CHAPTERS:

- Cell - The Fundamental Unit of Life
- Control and Coordination



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What We Do?

- Expert Trainers

- Personalized Attention

- Interactive Learning

- Real-Life Application



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THE FUTURE DEPENDS
ON WHAT YOU DO
TODAY
”