



Simply! Science Upper Primary

1. We find out the nature
2. The seasons
3. How the world is built?
4. The structure of a substance
5. Weather
6. The properties of water
7. Precipitations
8. Surface waters
9. Rocks and minerals
10. How the soil is made?
11. Properties of living organisms
12. Relationships between organisms
13. Plants structure
14. Water plants
15. Adaptations of animals to life in the water
16. Terrestrial and aquatic vertebrates
17. The evolution of human
18. Healthy life style
19. People and culture
20. National parks and protected areas
21. Physical properties of bodies
22. The significance of an oxygen
23. Marchy areas
24. Baltic sea
25. Life in Baltic sea
26. Cell - basic structure of organisms
27. Unicellular organisms
28. Multicellular organisms
29. Fungi
30. Lichens and environment pollution
31. Human
32. Diseases
33. The Earth in Universe
34. Discovering the world
35. Relief and landscape of the Earth
36. Electricity and magnetism
37. Light and sound
38. Atmospheric circulation and the Earth's climate
39. Water circulation in nature
40. Seas and oceans
41. Rivers and lakes
42. Mineral resources

43. Soils
44. Crop plants
45. Classification of organisms
46. Phytogeography
47. Zoogeography
48. Race, language and religious diversity
49. Why do we get sick?
50. Air pollution
51. Types of wastes and their resources
52. Types of nature preservation all over the world

Simply! Mathematics Upper Primary

1. The properties of divisibility by 2, 3, 4, 5, 9, 10, 25, 100
2. Addition and subtraction of decimal fractions
3. Addition and subtraction of fractions with different denominators
4. Addition and subtraction fractions
5. Addition of integers
6. Addition of natural numbers
7. Operation on integers and fractions
8. Division of integers
9. Division of natural numbers
10. Division of decimal fractions
11. Division of fractions
12. Prisms. Nets of right prisms.
13. Collection, ordering and graphical representation of data
14. Angles and how to measure them
15. Angles and their types
16. Construction of the triangle
17. Circle and disc
18. Integers
19. Natural numbers - prime number and composite number
20. Natural numbers - order of precedence
21. Natural numbers -comparing numbers using difference and division
22. Measures of angles in quadrilateral
23. Measures of angles in triangle

24. Multiplication and division of algebraic sum by number
25. Multiplication of integers
26. Multiplication of natural numbers
27. Multiplication of decimal fractions
28. Multiplication of fractions
29. Volume of cuboid and cube
30. Perimeters and areas of plane figures
31. Subtraction of integers
32. Subtraction of natural numbers
33. Pyramid
34. Basic plane figures
35. Area of a rectangle and square
36. Area of a rhombus
37. Area of a parallelogram
38. Area of a trapezium
39. Area of triangle
40. Comparing fractions
41. Power of natural number
42. Cuboid and cube
43. Types of quadrilaterals
44. Types of triangles
45. Equations in one variable
46. Prime factor decomposition
47. Expansion and reduction of the fractions
48. Solving the word problems using equations
49. Scale and plan
50. Algebraic sums. Reduction of like terms
51. Decimal and Roman numeral system
52. Decimal fractions
53. Decimals - distance, speed and time in exercises
54. Rounding decimals
55. Fractions as part of whole
56. Cylinder, cone, sphere
57. Polygons
58. Algebraic expressions
59. Units - using decimals
60. Converting decimals into fractions and fractions into decimals

Simply! Biology Lower Secondary

1. The structure of the bacterial, animal and fungal cell
2. The structure and function of plant cell
3. The structure and function of primary plant tissues
4. Adaptation of organisms to the environment
5. Photosynthesis
6. Respiration in plants
7. Plants movements
8. The flower, the seed, the fruit - structure and functions
9. The reproduction strategies of plants
10. Reproduction of angiosperms
11. The epithelium, the muscle, the nerve
12. The connective tissue
13. The outer covers of animal bodies and their functions in various environments
14. The nervous system as the recipient of environmental stimuli
15. The structure and function of animal sense organs
16. The diversity of animal motion
17. Animal nutrition
18. The perfection of circulation in vertebrates
19. Animal respiration
20. Asexual and sexual reproduction
21. The characteristics of the structure and function of the human skin
22. The skeleton
23. Various groups of muscles and their activities
24. The structure of the blood circulation system
25. The human respiratory system
26. The human urinary system
27. The structure of the human digestive system
28. The activity of the digestive system
29. The role of food components in human life
30. The nervous system
31. The eye and the ear - our main sources of information
32. Smell, taste, touch
33. The endocrine system
34. Why do organisms reproduce?
35. A boy becomes a man
36. A girl becomes a woman
37. 38 weeks in its own world
38. Alcohol, nicotine, narcotics - their influence on human health
39. Infectious diseases
40. The causes and prevention of neoplastic diseases

41. Mitosis - the way somatic cells divide
42. Meiosis - the way in which reproductive cells are made
43. The mystery of nucleic acid structure
44. From the genetic code to proteins
45. The chromosomal theory of inheritance
46. Why does genetic information change?
47. Man manipulates genes
48. The evolution of living organisms
49. The evolution of man
50. What units does an ecologist measure the environment with?
51. A portrait of a population
52. The ecology of eating
53. Exchanging profits, obstructing, taking away
54. Food creates the strongest bonds
55. Energy flows through nature
56. The circulation of matter in nature
57. The geography of living organisms
58. Every action brings a reaction
59. Types of pollution
60. Nature preservation

Simply! Chemistry Lower Secondary

1. The chemical substances around us
2. Metals and non-metals
3. Mixtures of substances
4. A physical phenomenon vs. a chemical change
5. What is air?
6. Oxygen, Nitrogen and Hydrogen
7. Air pollution
8. The atom: the smallest unit of an element
9. How is an atom structured?
10. Isotopes and radioactivity
11. The periodic table of elements
12. The symbols of elements and chemical formulae
13. How are molecules built of atoms?
14. Chemical equations
15. The law of conservation of mass and the law of constant composition
16. Water - its role in nature and pollution of natural waters
17. Structure of the water molecule
18. Investigating dissolution of substances in water and colloidal solutions
19. Solubility of substances and factors determining the speed of dissolution

20. The concentration of a solution
21. Oxygen acids
22. Binary acids
23. Acids - structure, division and colours of indicators in solutions of acids
24. Electrical conductivity of acids. Electrolytic dissociation of acids
25. Hydroxides
26. Methods of hydroxide preparation and their properties
27. Electrolytic dissociation of bases
28. Colours of indicators in solutions of acids and bases
29. Salts and their names
30. How can a salt be obtained?
31. Properties of salts and its reactions
32. Salts around us
33. Limestone rocks as a raw material
34. Preparation and application of burnt lime. Mortar
35. Gypsum rocks
36. Silicon(IV) oxide and its forms. Glass
37. Soil and its properties
38. Occurrence and preparation of metals
39. Coal and Petroleum
40. Seeking sources of energy
41. Occurrence of carbon in nature
42. Alkanes - saturated hydrocarbons
43. Homologous series of hydrocarbons
44. Ethene - an unsaturated hydrocarbon
45. Ethyne and its properties
46. Alcohols as hydrocarbon derivatives
47. Properties of alcohols
48. Occurrence and structure of carboxylic acids
49. Long-chain carboxylic acids
50. Soaps and detergents
51. Esters
52. Chemical compounds of food
53. Fats and their properties
54. What is the structure of proteins?
55. The properties of proteins
56. Natural and synthetic fibres
57. Discovering sugars
58. Sucrose, Starch and cellulose
59. Medicinal chemistry
60. Alcoholism, Nicotine and Drug addiction

Simply! Physics Lower Secondary

1. Ways of obtaining information
2. Forces and their effects
3. Friction

4. Principle of conservation of momentum
 5. Movement of a body as a result of force action
 6. Newton's second law of motion
 7. Newton's first law of motion
 8. Circular uniform motion
 9. Motion induced by forces of elasticity
 10. Gravitational force
 11. Free fall of bodies
 12. Oblique throw
 13. Work
 14. Power
 15. Potential energy
 16. Kinetic energy
 17. First-class lever
 18. Simple machines
 19. Temperature
 20. Internal energy and the ways it can be changed
 21. Thermal energy exchange
 22. Heat
 23. The results of changes in internal energy
 24. The properties of water and their importance for life
 25. Natural energy resources
 26. How do mechanical waves propagate?
 27. Diffraction, interference, reflection and refraction of mechanical waves
 28. What is sound?
 29. The sounds we can hear
 30. Ultrasounds and infrasounds
 31. Electric charge
 32. Electrostatic field
 33. Ways of charging bodies
 34. Voltage
 35. Electric current
 36. Sources and receivers of electrical energy
 37. Ohm's Law
 38. What the resistance of conductors depends on?
 39. Ways of connecting electrical energy receivers
 40. The power of current
 41. Current in liquids and gases
 42. The magnetic properties of bodies and substances
 43. Magnetic field and current-carrying conductors
 44. The phenomenon of electromagnetic induction
 45. The voltage and current of alternating current
 46. Application of electromagnetic induction
 47. Electromagnetic spectrum
 48. Diffraction and interference of light
 49. Development of views on the nature of light
 50. Reflection of light. Flat mirrors and their application
 51. Refraction of light
 52. Types and properties of lenses
 53. Structure of the human eye. Vision distortions
 54. Optical instruments
 55. Structure of the atom and the atomic nucleus
 56. Natural radioactivity
 57. Nuclear energy
 58. Application of nuclear energy
 59. Structure of the Solar System
 60. Hierarchical structure of the Universe
- Simply! Mathematics Lower Secondary**
1. Quadrilaterals
 2. Statistical data
 3. Random experiment
 4. Operations on rational numbers
 5. Operations on algebraical sums (I)
 6. Operations on algebraical sums (II)
 7. Function
 8. Linear function
 9. Linear function $y=ax+b$
 10. Prisms
 11. Monomials
 12. Angle between a line and a surface. Dihedral angle
 13. Sphere
 14. Numbers
 15. Numbers and operations on numbers
 16. Multiplication and division of roots with the same index
 17. Multiplication and division of powers
 18. Exponential notation
 19. Areas of polygons
 20. Calculating the value of expressions with roots
 21. Circle
 22. Circumscribed circle
 23. Inscribed circle
 24. The axis of symmetry
 25. Pyramides
 26. Square and cube roots
 27. Similarity
 28. Similarity of triangle and ratio of areas of similar shapes
 29. Similarity of right-angled triangles
 30. Division of a segment into equal parts and with a given ratio
 31. Area of a circle
 32. Surface area and volume of solids
 33. Power with an integer exponent
 34. Power with a natural exponent
 35. Application of percentages
 36. Percentages
 37. Transformation of algebraic expressions using multiplication formulas
 38. Solving inequalities with two unknowns
 39. An equation and its solution
 40. Factorisation of algebraic sums
 41. Solving linear inequalities with one unknown
 42. Solving linear equations with one unknowns
 43. Solving equation as ratios
 44. Solving systems of linear equations with two unknowns
 45. Solving problems involving proportions
 46. Decimals
 47. Cone
 48. Bisector of a segment, angle bisector, symmetry point
 49. Triangles
 50. Pythagorean theorem
 51. Thales' theorem
 52. The Cartesian system of coordinates
 53. Simultaneous equations, with one solution, infinitely many solutions and no solutions
 54. Cylinder
 55. Algebraic expression and its value
 56. Equation of the line
 57. Formulae for short multiplication
 58. Application of systems of equations to solve textual tasks
 59. Sets and operations in sets
 60. Sets

