

Learning Outcomes

The learner

- Participates in activities in English like role play, group discussion, debate, etc.
- Recites and shares poems, songs, jokes, riddles, tongue twisters, etc.
- Responds to oral messages, telephonic communication in English and communicates them in English or home language.
- Responds to announcements and instructions made in class, school assembly, railway station and in other public places
- Reads a variety of texts in English / Braille and identifies main ideas, characters, sequence of ideas and events and relates with his/her personal experiences
- Reads to seek information from notice board, newspaper, internet, tables, charts, diagrams and maps etc.
- Responds to a variety of questions on familiar and unfamiliar texts verbally and in writing
- Uses synonyms, antonyms and appropriately deduces word meanings from clues in context while reading a variety of texts
- Writes words / phrases / simple sentences and short paragraphs as dictated by the teacher
- Uses meaningful sentences to describe / narrate factual / imaginary situations in speech and writing
- Refers to dictionary to check meaning and spelling, and to suggested websites for information
- Writes grammatically correct sentences for a variety of situations, using noun, pronoun, verb, adverb, determiners, etc.
- Drafts, revises and writes short paragraphs based on verbal, print and visual clues
- Writes coherently with focus on appropriate beginning, middle and end in English / braille
- Writes messages, invitations, short paragraphs and letters (formal and informal) and with a sense of audience
- Visits a language laboratory
- Writes a book review.

Learning Outcomes

The learner —

- Solves problems involving large numbers by applying appropriate operations (addition, subtraction, multiplication and division).
- Recognizes and appreciates (through patterns) the broad classification of numbers as even, odd, prime, co-prime, etc.
- Applies HCF or LCM in a particular situation.
- Solves problem involving addition and subtraction of integers.
- Uses fractions and decimals in different situations which involve money, length, temperature etc. For example, $7\frac{1}{2}$ meters of cloth. Distance between two places is 112.5 km etc.
- Solves problems on daily life situations involving addition and subtraction of fractions / decimals
- Uses variable with different operations to generalize a given situation. E.g., perimeter of a rectangle with sides x units and 3 units is $2(x+3)$ units
- Compares quantities using ratios in different situations. E.g., the ratio of girls to boys in a particular class in 3:2
- Uses unitary method in solving various word problems. For example, if the cost of a dozen notebooks is given, she finds the cost of 7 notebooks by first finding the cost of 1 notebook
- Describes geometrical ideas like line, line segment, open and closed figures, angle, triangle, quadrilateral, circle, etc., with the help of examples in surroundings
- Demonstrates an understanding of angles by
 - a) Identifying examples of angles in the surroundings
 - b) Classifying angles according to their measure
 - c) Estimating the measure of angles using 45° , 90° , and 180° as reference angles
- Demonstrates an understanding of line symmetry by
 - a) Identifying symmetrical 2-dimensional (2- D) shapes which are symmetrical along one or more lines
 - b) Creating symmetrical 2-d shapes
- Classifies triangles into different groups / types on the basis of their angles and sides. For example scalene, isosceles or equilateral on the basis of sides, etc.
- Classifies quadrilaterals into different groups /types on the basis of their sides / angles
- Identifies various (3-d) objects like sphere, cube, cuboid, cylinder, cone from the surroundings
- Describes and provides examples of edges, vertices and faces of 3-d objects
- Finds out the perimeter and area of rectangular objects in the surroundings like floor of the class room, surfaces of a chalk box etc.
- Arranges given /collected information such as expenditure on different items in a family in the last six months, in the form of table, pictograph and bar graph and interprets them.

Learning Outcomes

The learner —

- Identifies materials and organisms, such as, plant fibers, flowers, on the basis of observable features, i.e., appearance, texture, function, aroma, etc.
- Differentiates materials and organisms, such as, fiber and yarn; tap and fibrous roots; electrical conductors and insulators; on the basis of their properties, structure and functions.
- Classifies materials, organisms and processes based on observable properties, e.g., materials as soluble, insoluble, transparent, translucent and opaque; changes as can be reversed and cannot be reversed; plants as herbs, shrubs, trees, creeper, climbers; components of habitat as biotic and abiotic; motion as rectilinear, circular, periodic etc.
- Conducts simple investigations to seek answers to queries, e.g., what are the food nutrients present in animal fodder? Can all physical changes be reversed? Does a freely suspended magnet align in a particular direction?
- Relates processes and phenomenon with causes, e.g., deficiency diseases with diet; adaptations of animals and plants with their habitats; quality of air with pollutants, etc.
- Explains processes and phenomenon, e.g., processing of plant fibres; movements in plants and animals; formation of shadows; reflection of light from plane mirror; variations in composition of air; preparation of vermi compost, etc.
- Measures physical quantities and expresses in SI units, e.g., length. Draws labelled diagrams / flow charts of organisms and processes, e.g., parts of flowers; joints; filtration; water cycle, etc.
- Constructs models using materials from surroundings and explains their working, e.g., pinhole camera, periscope, electric torch, etc.
- Applies learning of scientific concepts in day to- day life, e.g., selecting food items for a balanced diet; separating materials; selecting season appropriate fabrics; using compass needle for finding directions; suggesting ways to cope with heavy rain / drought, etc.
- Makes efforts to protect environment, e.g., minimizing wastage of food, water, electricity and generation of waste; spreading awareness to adopt rain water harvesting; care for plants, etc.
- Exhibits creativity in designing, planning, making use of available resources, etc.
- Exhibits values of honesty, objectivity, cooperation, freedom from fear and prejudices

Learning Outcomes

- Distinguishes between stars, planets and satellites e.g., sun, earth and moon
- Recognises that the earth is a unique celestial body due to existence of life, zones of the earth with special reference to biosphere
- Demonstrates day and night; and seasons
- Locates directions on the flat surface; and continents and oceans on the world map
- Identifies latitudes and longitudes, e.g., poles, equator, tropics, States /UTs of India and other neighboring countries on globe and the world map
- Locates physical features of India such as- mountains, plateaus, plains, rivers, desert, etc. on the map of India
- Draws a neighbourhood map showing scale, direction, and features with the help of conventional symbols
- Examines critically the superstitions related to eclipses
- Identifies different types of sources (archaeological, literary etc.) and describes their use in reconstruction of history of this period
- Locates important historical sites, places on an outline map of India
- Recognises distinctive features of early human cultures and explains their growth
- Lists out significant contributions of important kingdoms, dynasties with examples viz., Ashokan inscriptions, Gupta coins, Ratha temples by Pallavas etc.
- Explains broad developments during the ancient period, e.g., hunting-gathering stage, the beginning of agriculture, the first cities on the Indus etc. and relates the developments occurring in one place with another
- Describes issues, events, personalities mentioned in literary works of the time
- Describes the implications of India's contacts with regions outside India in the fields of religion, art, architecture, etc.
- Outlines India's significant contributions in culture and science viz. Astronomy, medicine, mathematics, and knowledge of metals, etc.
- Synthesises information related to various historical development
- Analyses basic ideas and values of various religions and systems of thought during ancient period
- Describes various forms of human diversity around her /him.
- Develops a healthy attitude towards various kinds of diversity around her /him
- Recognises various forms of discrimination and understands the nature and sources of discrimination.
- Differentiates between equality and inequality in various forms to treat them in a healthy way
- Describes the role of government, especially at the local level
- Identifies various levels of the government— local, state and union