What Children Learn!

ART

Means of Communication

- Describe an awareness of various visual art forms including
  - Sculpture
  - Paint
  - Photography
  - Collage
  - Pottery
  - Weaving
  - Woodworking

- Identify the 3 Primary Colours
  - Red
  - Yellow
  - Blue
- Identify the artistic elements of
  - Line
  - Form
  - Pattern

- Use appropriate vocabulary to describe the concept of texture.
- Use provided art materials to create original artwork.

- Explore elements of art through exposure to prints of “The Masters”

- Demonstrate the appropriate use of painting tools and supplies
- Explore sculpting techniques with clay

- Describe the primary colour combinations to make green, orange and purple.

What Children Learn!

HEALTH

Health Education

- Practise appropriate cooperation and interaction skills.
- Recognise risky behaviours in connection with guns, needles, fire, gang behaviour, poisons, seat belts, helmets, body fluids.

- Describe and explore benefits of Play and Exercise.
- Recognise the existence of germs in spreading diseases.
- Recognise safety signs and procedures at home, school and around the neighbourhood.

- Describe how each person is unique and experiences a variety of feelings and moods.
- Differentiate between helpful and harmful drugs.
- Identify medicines/drugs, their safe use and safe places.

- Identify verbal and non-verbal communication skills.
- Identify health professions (doctors, nurses etc.)

- Identify health products commonly used (soap, shampoo etc.)
- Identify acceptable and non-acceptable behaviour, how to make wise, responsible choices.

- Differentiate between healthy and unhealthy foods.
- Identify body parts.
- Describe family likenesses and differences.

What Children Learn!
LANGUAGE ARTS
Literacy Learning

Reading

- Phonemic Awarenes
- Phonics
- Concepts about Print
- Reading Strategies
- Comprehension

Writing

- Demonstrate understanding and application of steps of writing process
- Write legibly and develop vocabulary.
- Apply rules and conventions for grammar, punctuation, capitalisation and spelling.

Viewing

- Develop an awareness of various media.
- Demonstrate understanding of main idea from various media sources.
- Compare two media that present the same story

Listening

- Listen to gain enrichment and information about various cultures.
- Listen and appropriately respond to a variety of electronic and live presentations.

Speaking

- Develop awareness of speaker and audience behaviours including posture, articulation, volume and use of complete sentences and organisation.
- Orally share known literature through various presentations and activities.
- Express opinions and solve problems while exhibiting courteous, attentive and appropriate behaviour.

What Children Learn!

MATH

Mathematical Awareness

- Demonstrate an understanding of the verbal, symbolic and physical representations of a number.
- Demonstrate knowledge of our numeration system by counting in a variety of ways.
- Identify dollars and cents as a value of money.

- Explore the relationship between the concepts of addition and subtraction including using concrete objects.
- Use estimation to identify a number of objects.
- Evaluate the reasonableness of an answer.

- Recognise, name and form plane shapes.
- Understand appropriate vocabulary for position, distance and size.
- Predict, perform and make decisions based on results of simple probability experiments.

- Replicate and extend patterns and identify the rule (function) that creates the pattern
- Sort and Classify objects by attributes.

- Compare sets of objects using vocabulary.
- Understand appropriate data analysis vocabulary.
- Create and interpret a graph using real objects or pictorial representations.

- Select strategies appropriate for solving a problem including using concrete objects.
- Explore the use of a four function calculator.
- Explore the use of tools for Measurement.

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What Children Learn!

MUSIC

Natural form of expression

- Demonstrate the ability to move to and play a steady beat.
- Identify and sing high and low sounds

- Difference between singing and talking.
- Perform actions to musical selections.
- Perform a dance to musical selections.

- Identify and sing loud and soft sounds.
- Play unpitched instruments as rhythmic accompaniment to a song or a poem

- Demonstrate the use of movement in playing games.
- Demonstrate movement as a response to tempo changes.

- Explore free movement with a steady beat.
- Play unpitched instruments loudly or softly

What Children Learn!

PHYSICAL EDUCATION

Gross Motor Development

- Demonstrate competency in many forms and proficiency in a few movements forms.
- Exhibit a physically active lifestyle.

- Achieve and maintain a health-enhancing level of physical fitness.
- Demonstrate responsible personal and social behaviour in physical activity settings.

- Apply movement concepts and principles to the learning and development of motor skills

- Demonstrate understanding and respect for differences among people in physical activity settings.
- Understand that physical activity provides the opportunity for enjoyment.

- Understand that physical activity provides the opportunity for challenge, self expression and social interaction.

What Children Learn!

SCIENCE

Exploration Skills

- Explore and use various models
- Understand and explore that change occurs and matter comes in various forms (Solid, Liquid, Gas)
- Measure in Non-standard units.

- Explore form and function
- Identify different types of animal adaptations (Camouflage, Hibernation, Mitigation, Evolution)

- Understand concepts of time (before, after, yesterday, today tomorrow)
- Sort animals into wild, exotic, extinct, endangered and domestic categories.
- Recognise the difference between living and non-living things.

- Observe different weather conditions
- Observe and discuss characteristics of the local environment and how its condition impacts humans.
- Explore the concept of recycling and conservation of natural resources.

- Recognise that living systems require food, water and sun to survive.
- Observe and identify the four seasons and their impact on humans.
- Explore evaporation, condensation, precipitation and the water cycle.

- Explore Scientific Inquiry Method by:

1. Brainstorming questions
2. Conducting scientific observations
3. Using scientific tools to gather data
4. Exploring data and evidence
5. Making predictions
6. Exploring different solutions
7. Communicating scientific observations.

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What Children Learn!

SOCIAL STUDIES

Study of a group of people living together

- Identify calendar time by days, weeks and months
- Identify current events involving the community
- Demonstrate awareness that historical events and the lives of famous people (George Washington, Martin Luther King)

- Describe and show respect for rules at home, in school and in the community.
- Recognise that everyone has needs and wants by means of sharing, trading and using money to buy goods and services.

- Identify different means of transportation that are used today and in the past.
- Identify examples of simple machines, inventions and technology used in the home.
- Explore why, when and how we celebrate patriotic and other national holidays.

- Identify people who work in the school, community and be aware of their roles in the different careers.
- Identify the globe as the model of Earth.
- Identify landmasses, water, North and South Poles and the equator on the map.

- Develop awareness of leadership roles in school, neighbourhood, family and society.
- Identify individuals and careers that are helpful to society.

- Identify stories, pictures, celebrations and music of other cultures.
- Demonstrate an understanding of own personal history as part of family, school and neighbourhood.
- Listen to stories that reflect the cultural heritage of Singapore (past and present)

What Children Learn!
TECHNOLOGY
IT as an educational tool

- Identify basic software icons.
- Use technology to create a piece for publication including:
  - Typing of own name
  - Typing a simple sentence
  - Printing
  - Illustrate personal writing

- View instructions through multimedia means to gain knowledge of proper use of software.

- Demonstrate a basic understanding of computer hardware and its operations.

- Demonstrate appropriate care for computers.

- Use appropriate technology vocabulary including:
  - Cursor
  - Programme
  - Software
  - Hardware

- Demonstrate shrinking and expanding and opening and closing a window.
- Understand and follow instructions given in various formats (graphic and audio).

- Demonstrate knowledge of the use of click and drag and left and right mouse buttons.
- Demonstrate starting a programme with an icon.

- Demonstrate knowledge of the use of a keyboard.
- Use appropriate vocabulary to identify the parts of a computer (monitor, printer, processor, keyboard, mouse, mouse pad, modem, memory, floppy disks and hard disks)