

Grade 1 – Learning Area specific course descriptions

ENGLISH

By the end of Grade 1, students begin to read and write independently. They will show consistency in letter formation and begin to practice joined up writing. Students explore the purpose of language and reflect on how language is used as a tool to think, communicate and learn.

Students are exposed to different kinds of texts and genres as they begin to understand and respond to the work of Fiction, Non-fiction and Poetry. They apply various strategies such as phonics, grammar, and context to help decode unfamiliar words.

Students express an opinion supported with a reason, making text-to-self and text-to-text connections. They recognize and derive meaning from the elements of stories and poems such as characters, settings, rhyme and rhythm.

MATHEMATICS

By the end of Grade 1 students learn to count up to 100 and develop number skills like number bonds, ordinal numbers, addition and subtraction with the same. They are introduced to the concept of multiplication and division using concrete manipulatives. Students will be able to identify shapes and patterns, learn how to read time and also familiarize with the concept of money. They gradually learn to classify, organize and represent data using graphical representations.

SCIENCE

The Science curriculum in Grade 1 helps students explore their place in the world. They conduct investigations that help them identify patterns in the world around them and understand behaviour of things – why and how things happen, their cause and effect. They are introduced to the concept of light and sound – relationship between sound and vibrating materials and the availability of light and the ability to see objects. Students learn about other living things like plant, animals and how they use their external parts (structure and function) to help them survive, grow, and meet their needs.

The curriculum also focuses on the traits and behaviours of parents and their off-springs. Students explore patterns in the sky and learn to observe, describe and predict some movement of the sun, moon and stars in the sky. As part of the curriculum, students participate in a design thinking challenge and use engineering practices to develop simple solutions to real world problems.

SECOND LANGUAGE – HINDI*

By the end of Grade 1, students begin to read and write alphabets independently. They are able to identify simple 2 - 3 letter words (without matras) and barakhadi of specified letters. Students are able to communicate in simple short phrases – sentences about themselves, their likes and dislikes, things in their environment, their views about stories read in class. They will follow simple instructions, learn common greetings of the language and read a few high frequency words

COMPUTER SCIENCE

Students understand the purpose and use of computers. They identify accessories that can be connected to a computer. They understand that rules are needed for maintaining order in the lab and using specific fingers for specific keys helps in typing information faster.

Students find solutions to simple logical problems through visual representation of data. They get an introduction to image editing and text editing software.

Practical Skills:

- Start and shutdown a computer.
- Open, enter simple words and or sentences, save and close text documents.
- Open, edit and save image files in Paint.
- Edit images using simple Paint tools: Eraser, Fill with Color, Shape, Pencil and Text.
- Identify specific Desktop components.
- Practise touch typing using Home row keys.

READING

Grade 1 Reading program aims to inculcate a lifelong love for books and reading. Students participate in guided reading sessions that are used to model effective reading strategies. Students read different genres – fiction, non-fiction and poetry, that helps nurture their imagination, creativity and interests while building a strong foundation in phonemic awareness, comprehension and fluency.

VISUAL ARTS

The curriculum under visual arts is designed to stimulate creativity and imagination among students and hone their artistic skills. Students get to experience various types of media, explore different kinds of art and their techniques. They learn the fundamentals of art and design, gain experience with tools, materials and techniques required for making the art, master the required concept and skills.

PERFORMING ARTS

Through the music curriculum under performing arts, the students develop interest and appreciation towards music. Students learn to differentiate genres, familiarize with famous songs, analyse lyrics and sounds. Higher grades learn how to differentiate between pitch and rhythm while exploring how pattern and repetition work in music. Across all grades, the music curriculum encourages students to express their creativity and talent through classes and competitions.

STORY TELLING

Storytelling is an extremely important component of Grade 1 curriculum. It is considered one of the most innate, humane and important form of classroom discourse and communication. Story telling sessions engages and encourages students to employ their predisposition to respond to story and use their narrative understanding as the primary meaning making tool. Students benefit from storytelling as it:

- Supports and promotes auditory processing skills and listening skills
- Introduces new vocabulary
- Expands visualization skills as children form pictures in their minds.
- Heightens sensory imaging as all senses are elicited: tasting, touching, smelling, hearing, and feeling.
- Brings order through use of thinking skills.
- Improves decision-making skills.
- Enhances memory and stretches attention spans.
- Encourages public speaking.
- Helps them empathise with different characters, events and settings.
- Makes connections and understandings between the past, present, and future.
- Strengthens writing skills as examine the structure of a story.

LIFESKILLS

Life-skills in primary school, encourages students to adopt habits of the mind and heart. Through these, they learn to work independently, develop self-discipline, express emotions appropriately and become confident, resilient and adaptable learners. Students identify personal capabilities – gain and use knowledge, ask questions, clarify concepts and ideas, seek possibilities, consider alternatives and solve problems. They learn how to show respect, how to be considerate and understanding of other's perspectives, emotional states and needs. The program helps students to develop social and emotional skills, learn to manage themselves, relate to others, develop a sense of self-worth, resolve conflict, engage in teamwork and feel positive about themselves and the world around them- i.e. in their daily life, society and the environment.

OTHER

Students in Grade 1 are also exposed to weekly sessions in Yoga, Physical Education, Outdoor games and quiet reading time at the school library.