

Grade 3 – Learning Area specific course descriptions

ENGLISH

By the end of Grade 3, students read widely and explore the features of fiction, non-fiction and poetry. Students summarize major points from fiction and nonfiction texts. They engage in text-to-world connections, take part in creative responses to texts such as dramatizations, oral presentations, plays and composition. They distinguish fact and opinion, main idea and supporting details. Students read aloud with fluency and comprehension, adapt the pace and volume for the audience and purpose. They begin to infer word meanings from taught roots, prefixes, and suffixes.

Students recognize and respond to all punctuation marks and tenses of verbs. They begin to use cursive handwriting in all writing. They explore alternate openings and endings of stories and start to use paragraphs to organize and sequence ideas. They suggest and implement editing and revision to clarify and refine own writing. Students review work for spelling, mechanics, and presentation.

MATHEMATICS

By the end of Grade 3, students learn to count up to 10000 and perform operations of addition and subtraction with the same. They learn multiplication tables of 6, 7, 8 and 9. Students are introduced to newer concepts in multiplication and division. With the above skills they will be able to attempt word problems involving all four operations.

Students familiarize with measurement involving length, mass and volume. They will also explore the area and perimeter of closed spaces. They continue to learn about money, time and fractions. Students are introduced to the concept of line angles and perpendicular and parallel lines. They will learn to classify, organize and interpret data through bar graphs.

SCIENCE

The Science curriculum in Grade 3 addresses an overarching concept of 'cause and effect' – focussing on content, engineering practices and the science behind it. In physical science, students focus on forces and types of interactions involving motion, electricity, and magnetism. Core ideas in life science include learning about life cycles of organisms, how fossils are evidence of major changes in the environment over time and how traits are influenced by inheritance and the environment. Earth and space science emphasizes on weather patterns, climates and the how they are related.

As part of the curriculum, students participate in a design thinking challenge to develop solutions to real world problems using engineering practices.

SOCIAL SCIENCE

The Grade 3 curriculum focuses on the diversity of people and places and how people participate in their local communities. Students understand how places are represented geographically and how communities express themselves culturally through civic participation. They learn more about diversity as they explore India and its neighbouring countries of Bangladesh, Bhutan, Nepal, Sri Lanka and Maldives.

Students compare the climates, settlement patterns and population characteristics of places. They are encouraged to examine how societies function – through establishing and following rules, decision-making, civic participation and commemoration.

SECOND LANGUAGE – HINDI*

By the end of Grade 3, students begin to read and follow small punctuated texts with full stop and question mark. They communicate their opinions in simple sentences with the use of appropriate grammatical expressions. They will be able to identify rhyming words.

With the help of contextual clues, they predict the opinion of the writer. They write factual and imaginary descriptions using simple short sentences. Students will be able to enact in role plays using a few dialogues with expressions.

COMPUTER SCIENCE

Students infer that a computer needs software in order to do useful work and it requires an operating system to manage its hardware and software. Students understand that Graphical User Interfaces make computers user-friendly. They identify icons on Desktop and organize files and folders stored in the computer.

Students present ideas through well laid out documents and art using Word and Paint. They use age appropriate search engines to search the internet for information. They collect, organize and represent data in a visual manner. They are introduced to MSW Logo. Students write commands to create simple figures in Logo. They learn to interpret a set of commands and predict the output.

Practical Skills:

- Use Edit and Image group in Paint
- Use Thesaurus feature to find synonyms in Word
- Insert images and edit them in Paint and Word
- Modify Page Properties in Word
- Write Logo commands and create simple geometric figures

READING

Grade 3 Reading program encourages students to become passionate and skilled readers. This includes activities like self-selected reading, read-alouds, shared reading and guided reading that hones their reading skills.

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 3 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 3 also attend weekly sessions in Yoga, Physical Education, outdoor games and quiet reading time at the school library.