



## **SHELL STREAM PROGRAMME**

### **TECH CLUB**

### **LEARNING OBJECTIVES**

By participating in the club for the term I period (November-December 2022), students will cover the following topics and objectives in the specified subject areas:

#### **Technology**

*Topic: Coding with Minecraft*

Students should be able to:

- outline the steps in problem-solving;
- explain the concept of algorithms;
- develop algorithms to solve simple problems;
- explain commonly used terms and concepts in programming; Testing, debugging, logic errors, dry run, test data.
- declare variables and constants;
- use control structures; Conditional branching: if-then, if-then-else, Loops: while, repeat, for

