

# **CHESS**

## **STUDENT LEARNING OUTCOMES**

### **PK-2**

- **Cognitive:**
  - Recognize basic chess pieces and their movements.
  - Understand the concept of capturing a piece.
  - Develop basic problem-solving skills through simple chess puzzles.
- **Social-Emotional:**
  - Learn to take turns and wait patiently.
  - Develop sportsmanship and respect for opponents.
  - Improve focus and concentration.

### **3-5**

- **Cognitive:**
  - Master the rules of chess, including checkmate and stalemate.
  - Develop tactical thinking skills to identify and execute winning strategies.
  - Analyze chess games to understand common tactical patterns.
- **Social-Emotional:**
  - Enhance critical thinking and decision-making abilities.
  - Improve self-esteem through success in chess.
  - Develop resilience and perseverance in the face of challenges.

### **6-8**

- **Cognitive:**
  - Understand the concept of positional play and long-term planning.
  - Develop strategic thinking skills to evaluate the overall strength of positions.
  - Analyze chess games at a deeper level to understand the nuances of grandmaster-level play.
- **Social-Emotional:**
  - Foster a love of the game and a desire to continue learning.
  - Develop leadership skills through coaching or mentoring younger players.
  - Improve communication and teamwork abilities.

## 9-12

- **Cognitive:**
  - Explore advanced chess concepts, such as endgame techniques and openings.
  - Develop a deep understanding of chess theory and principles.
  - Analyze chess games at a professional level to identify key strategic decisions.
- **Social-Emotional:**
  - Foster a strong sense of community and belonging within the chess program.
  - Develop lifelong learning skills and a passion for intellectual pursuits.
  - Explore potential career paths related to chess, such as coaching, tournament organization, or analysis.