EAIE
Esports as Accelerator for Social Inclusive Education

LESSON
YATZY

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YATZY

Students use Yatzy to explore probability, statistics, and decision-making through gameplay and reflection.

Subject and level
Mathematics - Lower secondary / adult education

Connection to curriculum

- Probability calculations
- Strategic thinking
- Data collection and analysis
- Decision-making based on statistics

Didactic and pedagogic considerations
The familiar structure of Yatzy lowers the barrier to participation. Students engage naturally with probability concepts through repeated gameplay and pattern recognition.

Time estimate
45 minutes

Group size
4

Overall introduction to exercise
The teacher introduces probability concepts and discusses how chance influences decisions in games

YATZY

Exercise as presented to the students

- Record your dice rolls
- Calculate probabilities for selected combinations
- Discuss which strategic decisions give the highest expected value
- Compare strategies between groups

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