

- Understanding and applying concepts of angles and trajectory when aiming at enemy planes and tanks
- Calculating distance and speed to determine the time it takes for ammunition to reach the target
- Analyzing and interpreting numerical data and statistics on the performance of planes and tanks
- Applying probability concepts when considering the likelihood of hitting the target or avoiding enemy fire
- Strategic thinking and problem-solving skills by making decisions based on mathematical calculations

To further develop mathematical skills through playing War Thunder, the child could:

- Research and analyze the historical accuracy of the game's weaponry and performance statistics using real-life data
- Create mathematical models to compare the effectiveness of different weapons, vehicles, or strategies
- Organize and participate in multiplayer battles with friends, where teamwork and coordination require quick calculations and decision-making
- Create graphs and charts to visualize the relationships between various in-game parameters
- Explore the physics behind in-game mechanics such as gravity, velocity, and acceleration through additional research or experimentation