

PLAYGROUND MATH TRIVIA

Level	1 (Age group 6 – 7)
Resources Required	Pencil (1 per player) List of questions (1 per player prepared by the adult)
Alternate Options for the Resources	Any writing utensil that it is safe to run with: chalk or crayons
Strand Covered	Numbers and Operations, Shapes & Measurements
Targeted Skills	Use place value understanding and properties of operations to add and subtract up to 100
Inspired by	Third space Learning
Time Required	Set up time 15 minutes Game time 20 minutes
Previous Learning Required	Ability to read. Knowledge of basic shapes. Addition and subtraction using numbers 1-20.
Support Required	High supervision

Goal	Be the first player to return with all of the correct answers.
Rules	
Steps	<p>Step 1: The adult writes five word-based questions that the student can answer by visiting the local playground, schoolyard, or other physical location that the players are able to easily visit. Some sample questions are below. The adult should write one of these lists of questions for each player.</p> <p>Step 2: Give the questions to the student. Give them a 15 minute time limit.</p> <p>Step 3: Players return to the adult when they think they have correctly answered all of the questions.</p> <p>Step 4: If any of the problems are incorrect, the adult indicates which questions are incorrect and sends the player back to correct their mistake. The adult should not provide the correct answer.</p>

	<p>Step 4: The player who returns with all five correct answers first wins.</p> <p>Step 5: The adult should share the correct answers with all of the players so that everyone has the opportunity to check their work and ask questions.</p>
<p>Images or Illustrations</p>	 <p>GrassrootED, 2017.</p> <p>Sample Questions:</p> <ol style="list-style-type: none"> 1. How many trees are in the playground? 2. If you add the number of swings with the number of slides, what number do you get? 3. How many chairs are there at every table? How many chairs are there in total? 4. If 2 children spend 5 minutes on the seesaw, and there are 4 children in total, how long will it take for all of them to get a turn on the seesaw?
<p>Variations of the Game</p>	<p>Use multiplication and division questions instead of addition and subtraction questions.</p> <p>The players themselves can ask their own questions.</p>
<p>Enrichment</p>	<p>Take your students on a field trip to a park, museum, or other new location. Prepare a set of questions for this new location.</p>
<p>Simplification</p>	<p>Use only counting questions, especially for students who are still learning their numbers.</p>