

I'm Dr. Matt Zakreski, everyone calls me "Dr. Matt"

Who am 1?

I'm a clinical psychologist, professional speaker, and neurodivergence advocate

I'm known as someone who marries clinical practice and neuropsychology to help people develop skills to live better lives

Goals for Today

1

Develop an understanding on how trivia can serve gifted/2e learners in building socialemotional skills

2

Workshop how to implement trivia games to test the skills of gifted/2e learners

3

Take the time to process potential challenging moments and develop skills to overcome/navigate them

My Trivia Story



The Strengths of Being Gifted/2e



You know a lot of things



You often like to share how much you know



You may often be competitive and good at winning



You likely can think and process quickly

The Weaknesses of Being Gifted/2e



You may be emotionally very intense



You may have lower or less consistent resiliency



You may struggle to connect with your peers



You may struggle with teamwork



Experiential Learning

- Not all things can be effectively taught didactically
 SEL is #1
- There is power of doing in vivo learning (and intervention)
- Real experiences better connect the skills we have developed to the moments to use them
- Gives more insight into how to use things and how it feels to do so
- Naturally pushes back on black-or-white thinking

Why Trivia?



It's like exercise for the mind – works on strengthening the intersection of the frontal cortex and the hippocampus



Natural way to gain new knowledge while also recalling old information



Fun! Lots of dopamine involved in playing trivia games



Lower stakes than tests, quizzes, or formal competition



It's a sneaky way to practice study skills



An organic way to practice SEL skills, including cognitive flexibility and resiliency

Why Trivia for Gifted/2e Kids?

You can't know everything about everything – yes, I promise.

What do other people know that you don't? Cognitive Flexibility and Theory of Mind

Repeated, meaningful challenge

Opportunities to practice winning and losing

Promotes leadership and teamwork

The role of luck – trivia isn't about what you know; it's about how lucky you get (we must let go of some control)



Questions to Consider



Do you roll dice or go one question at a time? https://www.calculator.net/dice-roller.html



Teams or individuals? If teams, how many per team?



What do you do with someone who wants to quit during the game?



What do you do with someone who initially doesn't want to play?

Guidelines

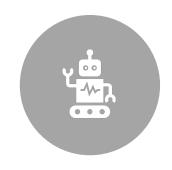
- Setting expectations
- Following the rules
- Don't answer other peoples' questions
- How you talk to your teammates (volume)
- How you talk to other teams (be kind or be quiet)
- Cheating



Traditional Trivia Questions



See attached sheets



Vertical thinking – what do you know, and can you retrieve it?



Processing speed



Collaborating and communicating with others

Categories

ELA – English/Language Arts – books, authors, stories, grammar, etc.

GB – Grab Bag – can be anything!

Sc – Science – biology, astronomy, physics, chemistry, etc.

PC – Pop Culture – TV, movies, Netflix/streaming, comics, YouTube, etc.

H – History – US government, world wars, anthropology, leaders, flags, etc.

M – Math – famous mathematicians, concepts, theorems (not problems!)

BoD – Bridge of Destiny – Backwards questions, looking for a category

Traps



BOMB – If you get this question wrong, you lose a turn





SPRING – if you get this question wrong, you go back to start



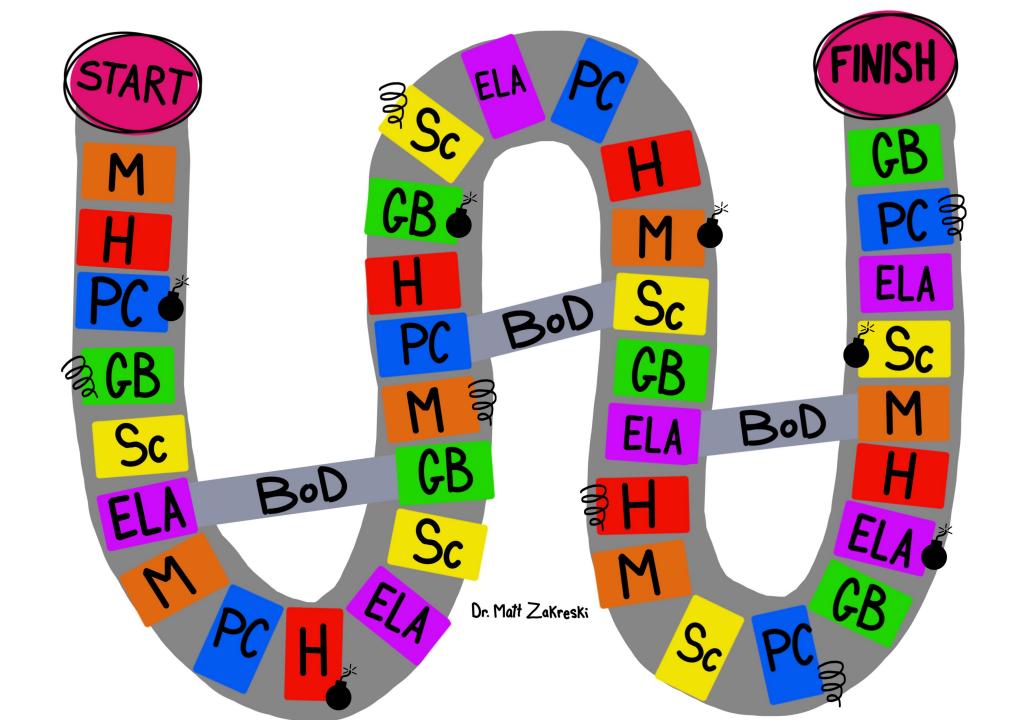


BRIDGE OF DESTINY - you must get the question next to the Bridge correct and then you are on the Bridge until you get the question right



The Finish Line

- For every group that makes it to the Finish Circle, they will have to answer one more question to win
- Another group will pick their category of question (not the question itself)
- If you get the question wrong, nothing happens (you can try again next round)
- If you get the question right, you win!
- If more than one team wins, repeat the final process until one team is the winner



Other Ways to Play





Visual Cues

Abstract Questions

 Testing the ability to form connections and relationships between objects or concepts

•	For	examp	le:

- If Hammer: Nail, then Screwdriver is to ?
 - A. Wrench B. Lugnut C. Screw D. Tack

- If Superman: Lex Luthor, then Spider-man is to ?
 - A. J. Jonah Jameson B. Felicia Hardy C. Kingpin D. Otto Octavius

- If New York Giants: Lombardi Trophy, then Detroit Redwings is to
- A. The Stanley Cup B. Larry O'Brien Trophy C. The Commissioner's Trophy D. Bill France Cup
- If Florida: The Sunshine State, then New Hampshire is to ____?
- A. The Garden State
 B. The Empire State
 C. The Show-Me State
 D. The Ocean State

Word Puzzles

57HV – fiftyseven Heinz Varieties BR31F – Baskin-Robbins 31 Flavors 7WOTW- Seven Wonders of the World

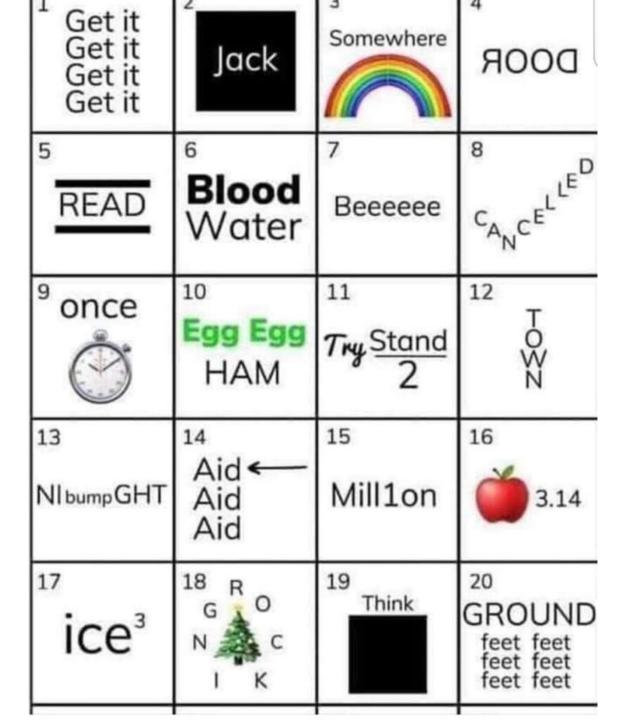
101D – 101 Dalmatians

ABAT40T – Ali Baba and the 40 Thieves

12AM – 12 Angry Men D500 – Daytona 500 I500 – Indianapolis 500

SWAT7D – Snow White and the Seven Dwarves

Rebus



More resources

- https://www.gamesver.com/the-importance-of-trivia-games-thingsto-consider-benefits-mental-health/
- https://quizrunners.com/blogs/news/benefits-of-trivia-games-forteam-building
- https://ischoolconnect.com/blog/top-reasons-why-quiz-games-arebeneficial/
- https://this.deakin.edu.au/society/the-surprising-benefits-of-pubtrivia-in-melbourne

Questions?



Email: drmattzakreski@gmail.com



Website: www.theneurodiversitycollective.com



Facebook: www.facebook.com/drmattzakreski

References

- Alamu, F. O., Adesina, A. M., & Awokola, J. A. (2021). Emotional Regulation of Stress Disordered Patients using Trivia Games. LAUTECH JOURNAL OF COMPUTING AND INFORMATICS, 2(2), 11-28.
- Caldas, O. I., Aviles, O. F., & Rodriguez-Guerrero, C. (2020). Effects of presence and challenge variations on emotional engagement in immersive virtual environments. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 28(5), 1109-1116.
- Herman, B., Aragon, C., Evans, S., & Shanley, L. (2020). Advancing diversity in human centered data science education through games. *Proceedings of the Association for Information Science and Technology*, *57*(1), e314.
- Jach, H. K., DeYoung, C. G., & Smillie, L. D. (2022). Why do people seek information? The role of personality traits and situation perception. *Journal of Experimental Psychology: General*, 151(4), 934.
- Lambros, K. M., Kraemer, B., Paz, J. L., Tran, T., & Lehal, J. K. (2023). Interdisciplinary Support Teams to Enhance Social Emotional and Behavioral Outcomes for Students With Disabilities: Project BEAMS. In Handbook of Research on Interdisciplinary Preparation for Equitable Special Education (pp. 396-419). IGI Global.
- McGuire, M., & Pate, J. (2023). Game On!: Creating Community and Engagement through Team Trivia at the Library. Alabama Libraries, 60(2), 6.
- Mertz, S., Leroy, M., & Giordano, J. (2021). Adventure and Experiential Learning Take Flight at Evergreen Community Charter School. In Trailblazers for Whole School Sustainability (pp. 154-167). Routledge.
- Moreno, A. (2022). Purpose-Driven Learning: Unlocking and Empowering Our Students' Innate Passion for Learning. Taylor & Francis.
- Ocaña, J. M., Morales-Urrutia, E. K., Pérez-Marín, D., & Pizarro, C. (2023). About Gamifying an Emotional Learning Companion to Teach Programming to Primary Education Students. Simulation & Gaming, 10468781231175013.
- Padulo, C., Marascia, E., Conte, N., Passarello, N., Mandolesi, L., & Fairfield, B. (2022). Curiosity Killed the Cat but Not Memory: Enhanced Performance in High-Curiosity States. *Brain Sciences*, 12(7), 846.
- Swain, J. E., Bogardus, J. A., & Lin, E. (2021). "Come on Down": Using a Trivia Game to Teach the Concept of Organizational Justice. *Management Teaching Review*, 6(3), 210-222.
- Taylor, J., & Dearybury, J. (2021). The Courageous Classroom: Creating a Culture of Safety for Students to Learn and Thrive. John Wiley & Sons.