

Materials Needed

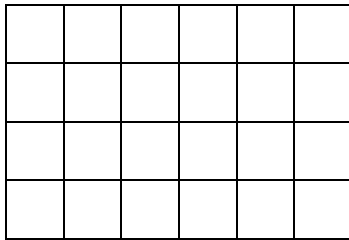
- Printed memory cards (preferably on thicker paper so the terms and definitions do not show through)
- Scissors

Setup

1. Print out one copy of the memory cards for each student. If students are playing in pairs, then print out one copy for each group.
2. Cut each sheet of memory cards along the lines. You should have 24 cards.
3. Shuffle each deck of memory cards.
4. Have your students read and take notes on the four articles listed in "Teacher Background."
5. Distribute one stack of the 24 memory cards face down to each student/pair.

How to Play

1. Ask each student to keep their cards face down, and to shuffle their stack of memory cards again.
2. Ask the students to place their cards face down along the desk in a 4 x 6 grid:



3. Explain that this is a matching game, which means that students are trying to match the definition to the term.
 - a. For example, the card "Turning on certain genes may lead to modifications within neurons that change the strength and number of these, stabilizing new memories." Would match with the card "synapses."
4. Students can only flip over two cards at a time. If the definition and the term match, the cards must be removed from the table. If the definition and the term do not match, then they must be flipped back over so the blank side is facing up.
5. Have students keep their matches together in small piles, by the end of the game each player should have 12, two-card piles.
6. As students finish go around the room and check their small piles. If some of their definitions and terms do not match have them make corrections. Or after all the students have finished call on individuals to share their answers with the rest of the class.

Alternatives

- Treat this game like a race. The first student to find all the correct matches is the winner.
- Have the students compete in pairs. Students take turns flipping over two cards at a time. Once all the matches have been made, the student who finds the most correct matches is the winner.