

Matchstick Puzzle Challenge

Matchstick puzzles are puzzles that usually use geometry skills, concepts and vocabulary (but are not limited to) and also include lateral thinking skills (problem solving). Most of the time, the puzzles include moving, adding or removing matchsticks to create/attain a certain result/solution.

Task: I have included two examples below. Please try both examples and see if you can figure out the solutions. I challenge you to either send a small video of how to complete a one of the examples below, or create your own puzzle with specific instructions (make sure you test your puzzle). Whichever option you choose, please send me a video or a picture of the set up and the instructions to complete your made-up puzzle.

***** Matchsticks are not necessarily something that everyone has access to, so feel free to use Q-tips or toothpicks in the same fashion.**

Feel free to do internet research to help you.

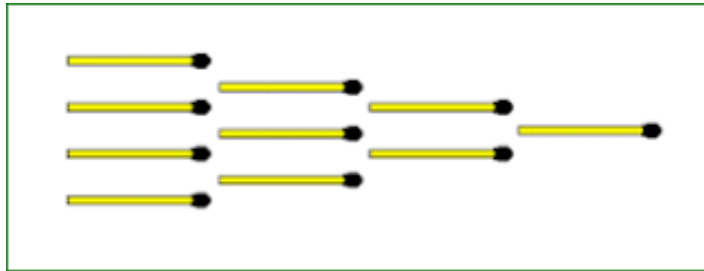
Send all your videos solutions or puzzle submissions to tirwin@nfsb.qc.ca

9 Fish

9 fish are swimming to the right with 1 in front, followed by 2, 3 and 4.

Move three matchsticks to make the fish swim to the right in the exact same order.

Clarification: The order, after moving 3 matchsticks, has to be 1, 2, 3 and 4 (going from left to right).



Rock in the Shovel

There is a rock on the blade of the shovel.

Move two matchsticks to make it so the rock is off the shovel.

However, the shovel has to still be in its original form.

Hint: the shovel after moving the two matchsticks is going to be rotated to a different direction. To clarify, it is now facing upward.

