

Sample Challenge Cards for **Evo's In It to Win It**

coding	academic	other
Program your Evo to turn green for 1 second, then red for 1 second, then blue for one second.	What is 35×25 ? You have 1 minute.	Skip around the room for 15 seconds.
Program your Evo to move in a square, then turn green when finished.	What is the capital of Canada? You have one minute.	For 30 seconds, pat your nose and rub your tummy at the same time.
Program your Evo to skate forward, spin, then laugh.	Put these words in alphabetical order in one minute. Reindeer, rodeo, review, rover, reinvent, revive.	You have ten seconds to prove whether or not it is possible to touch your nose with your tongue.
Program your Evo to move in a figure eight.	What are three differences between a trumpet and a tuba? You have one minute.	If you are right-handed, use your left hand to write the entire alphabet. If you are left-handed, use your right hand.
Program your Evo to make the "surprised" sound and stop moving when you put your hand in the way.	Give two reasons why a whale is a mammal and not a fish. You have one minute.	Make a paper hat for Evo. Evo has to travel at least 50 cm without the hat falling off. No tape, glue, or string allowed to hold it on Evo.
Program your Evo to travel to a line and then follow it.	Who painted "Starry Night"? You have one minute.	Make a tunnel for Evo to travel through. It must be at least 25 cm long.

Program your Evo to zigzag while blue, then go straight while green.	How could four people share three cookies fairly? You have one minute.	Evo must push, pull, or carry a ping-pong ball (or wad of paper that size) for 30 cm.
Program your Evo to sing: Play the note A for .5 seconds, G for .5 seconds, then C for .5 seconds.	Can you use to, two, and too correctly all in one sentence? You have one minute.	Evo must travel up to a domino and knock it down. You get to move an extra space if you can knock down two dominos at once.
Program your Evo to travel forward for 20 cm, then wait 2 seconds before traveling in a different direction for 20 cm.	Compose a short poem that rhymes "think" and "pink".	Design and test a paper gate or door that Evo can open and pass through by itself.