

#SkillsAtHome Challenge Series

Challenge #10: Coding

This challenge brought to you by:



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Challenge—We challenge you to “program” your friends or family members! Your challenge is to relay a set of instructions to a blindfolded friend or family member to drink from a cup while seated at a table.

With the Challenger acting as the ‘control’ and the friend/family member as the ‘computer’, the ‘Control’ must shout a series of exactly ten commands, no more or no less, to a person sitting in a chair with their eyes closed – ‘the computer’. The challenge is to have the ‘computer’ drink from a cup of water while seated at a table beginning with their arms lowered at their sides. Post your submission to Twitter, tag and follow @skillsontario, and use the #SkillsAtHome and #SkillsCodingChallenge hashtags!

Challenge Materials

- Another person – could be a family member or a friend (Remember to respect social-distancing rules when applicable)
- Chair and Table
- Cup of Water
- Blindfold (Challengers may also choose to close their eyes instead)

Challenge Rules

1. Challengers must write down their 'commands' on a piece of paper. They are to take a picture of their commands and include that picture in their post submission for full marks
2. The Challenger (Controller) must give exactly ten commands. No more, no less. Challengers will lose marks if a lower or higher amount of commands is given.
3. The family member or friend (Computer) must begin in the seated position, arms lowered by their sides, at a table with their eyes closed or with a blindfold so that they cannot see
4. A glass of water must be placed on the table
5. The 'computer' must set the glass back down onto the table to where they had it within the ten commands given.
6. Post your submission to Twitter, tag and follow @skillsontario, and use the #SkillsAtHome and #SkillsCodingChallenge hashtags!

Skills: Planning, design, creativity & dexterity

Skilled Trades/Technologies: Robotics, Automation and Control, Coding

[Click here for a full list of all recognized Ontario skilled trades](#)

Judging/Scoring

Submissions will be marked in the following:

Submission	Points
Challenger submitted entry but failed to meet requirements.	0 - 5 points
Challenger submitted entry with all requirements.	5 - 10 points
Challenger submitted video entry submission with a picture of their command list.	10 - 15 points
Challenger submitted entry correctly and exceeded expectations with creativity.	15 - 20 points
Total Marks (Total out of 20)	

Creativity of Commands	Points
No command list was provided.	0 - 5 points
Command list was provided but did not meet expectations.	5 - 10 points
Command list was provided and met expectations.	10 - 15 points
Command list provided, challenger wrote commands in a clear and concise manner. Bonus marks given for creativity.	15 - 20 points
Total Marks (Total out of 20)	

Challenger Total Marks: / 40 points