**Classwork #1** **|** Lower Secondary

Stage (6-8)

1st Semester | 2023-2024

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| **Subject:** ICT | **Chapter:** 3 |
| **Objectives:** Create a Math game. Use the variable blocks and the operator blocks. | |

Create a Scratch program to add two random numbers, if the user answer is correct say “Correct …Good Job”, else say “Try again”.

Repeat the process 10 times

**Start**

1. Select any backdrop, and any sprite
2. Create three variables: **Num1, Num2**, **Total, Score**.
3. Start when the green flag clicked.
4. Set the three variables **Num1, Num2**, **Total and Score** to 0.
5. Use a loop to repeat the following steps 10 times: -

* Set **Num1** to a random number between **1 and 10**.
* Set **Num2** to a random number between **1 and 10.**
* Set **Total** to a **Num1+Num2**.
* Use an Ask block to ask: **[Num1 + Num2 =]**
* Check if your answer is correct:

If the **Answer** matches the **Total**:

Say “Correct …Good Job”

Change Score by 1

Else

say “Try again”

1. Add a Button Sprite:

If this button clicked then

Stop all