

Raspberry Pi

Task 6: Translation quiz support sheet

Before you start

Before working through this support sheet, make sure that your program:

- Has a subroutine for the startup instructions from Task 1 and 2
- Has a subroutine for the quiz code
- Runs the start up instructions and the quiz code **When the green flag is clicked**
- Populates a list of ten words to be used in the quiz
- Hides the list
- Asks for ten translations from the word list
- Provides feedback
- Keeps a score

If you do not know how to do the above steps then ask for the earlier support sheets.

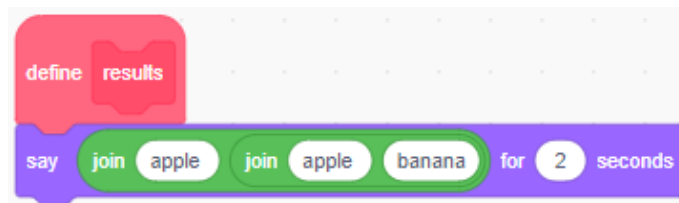
After ten words have been quizzed it should display the score out of ten

Steps	Guidance
1. Create a subroutine that will display the result of the quiz.	Name the subroutine 'results'.
2. Add the Say block.	There are three parts to displaying the score out of ten: • Your score is • (score) • out of 10 You need to join these three elements together so that it appears in one Say block. In the 'results' subroutine, add the Say block.

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3. Add two join blocks to make three separate elements.

You will need to use two **Join** blocks in order to have three elements in a **Say** block.

Place them in the **Say** block like this:



Note that the second **Join** block has been placed inside the 'banana' section of the first **Join** block.

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4. Enter text and variables to the **Join** blocks.

Replace the first 'apple' with 'Your score is...'

Replace the second 'apple' with the variable 'score'.

Replace 'banana' with 'out of 10'.

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5. Add the 'results' subroutine so that it plays **When the green flag is clicked**.

Look at your code and decide where the 'results' subroutine needs to be placed so that it will run at the right time.

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6. Test your code.

Test that your new 'results' subroutine works by playing the quiz and seeing if it displays the score out of ten at the end.

Resources are updated regularly — the latest version is available at: ncce.io/tcc.

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