



This course covers the following topics (any items marked with a \* will be covered if time allows):

## Getting started

- Creating a new script
- The script editor
- Writing basic instructions
- Running scripts

## Basic TypeScript code

- The concept of functions
- Adding comments
- Referencing objects
- Applying methods
- Writing to the console

## Getting help

- The Action Recorder
- Using sample scripts
- Online documentation

## Saving scripts

- Saving to OneDrive
- Sharing scripts in a workbook
- Creating buttons

## Referring to ranges

- Referring to specific cells
- Finding the edge of a list
- Offsetting a range
- Referencing rows and columns

## Worksheets

- Creating worksheets
- Referencing sheets
- Deleting sheets

## Variables

- Var, Let and Const statements
- Explicit and inferred types
- Referencing variables
- Variable scope
- Casting values

## Functions

- Declaring functions
- Calling functions
- Function parameters
- Returning values

## Conditional statements

- If statements
- Testing conditions
- Switch statements

## Loops

- For loops
- Do and While loops
- For Each loops
- Break and Continue statements
- Labelled statements

## Arrays

- Declaring arrays
- Populating arrays
- For Of loops
- Collections and arrays

## Error-handling

- Exceptions
- Try Catch clauses
- The Finally block

Maximum 6 people per course. Scheduled classroom courses include lunch at a local restaurant; you can see how our online training works [here](https://www.wiseowl.co.uk/). For more information, see <https://www.wiseowl.co.uk/>.