

A test plan: an introduction to testing

Arrange test data in to a table such as this:

Test data	Why testing	Expected outcome	Actual outcome

Suggested tests for a spreadsheet:

Aim to include a variety of tests.

- Formulas generate expected results.
 - Totals, means and scaled values are correct.
- Use headings within sections of the table, 'Basic calculations,' 'Totals,' 'Mean marks.'
- Check VLOOKUP's refer to correct cells and generate correct responses.
- Find errors in formulas, incorrect inequalities or use of functions.
- Check referenced cells are correct (use of absolute and relative).
- Test using extreme data (very large numbers, 0, negative numbers).
- Check boundaries for different results.
- At least 15-20 results.