

## Data and Information

| EYFS           | Year 1   | Year 2   | Year 3  | Year 4  | Year 5  | Year 6  |
|----------------|--|--|---|---|---|---|
|                | <b>Grouping Data</b><br>Exploring object labels, then using them to sort and group objects by properties.                      | <b>Pictograms</b><br>Collecting data in tally charts and using attributes to organise and present data on a computer.  | <b>Branching Databases</b><br>Building and using branching databases to group objects using yes/no questions.   | <b>Datalogging</b><br>Recognising how and why data is collected over time, before using data loggers to carry out an investigation,                         | <b>Flat-File Databases</b><br>Using a database to order data and create charts to answer questions.   | <b>Introduction to Spreadsheets</b><br>Answering questions by using spreadsheets to organise and calculate data.  |
| Key Vocabulary | Key Vocabulary   | Key Vocabulary   | Key Vocabulary  | Key Vocabulary  | Key Vocabulary  | Key Vocabulary  |
|                | object, label, group, search, image, property, colour, size, shape, value, data set, more, less, most, fewest, least, the same | more than, less than, most, least, common, popular, organise, data, object, tally chart, votes, total, pictogram, enter, data, compare, objects, count, explain, attribute, group, same, different, conclusion, block diagram, sharing | attribute, value, questions, table, objects, branching, database, objects, equal, even, separate, structure, compare, order, organise, selecting, information, decision tree. | data, table, layout, input device, sensor, logger, logging, data point, interval, analyse, dataset, import, export, logged, collection, review, conclusion. | database, data, information, record, field, sort, order, group, search, value, criteria, graph, chart, axis, compare, filter, presentation. | data, collecting, table, structure, spreadsheet, cell, cell reference, data item, format, formula, calculation, spreadsheet, input, output, operation, range, duplicate, sigma, propose, question, data set, organised, chart, evaluate, results, sum, comparison, software, tools. |