| Key Performance Indicators | Year 6 Milestones - Computing |
|---|---|
| Algorithms and Programming | I can use a sequence of selection statements in a programme (including an IF then ELSE statement.) (P) |
| | I can identify the difference between, and use appropriately, IF and IF THEN ELSE statements. (P) |
| | I know that a procedure can be used to hide detail within a sub solution (procedural abstraction.) (P) |
| | I can design solutions by decomposing a problem and creating a sub-solution for each part (decomposition.) (A) |
| | I can use diagrams to express solutions. (A) |
| | I can use logical reasoning to predict outputs, showing an awareness of inputs. (A) |
| Data and Data Representation | I can analyse and evaluate data and information, and recognise that poor quality data leads to unreliable results, and inaccurate conclusions. |
| | I can perform more complex searches for information, for example using Boolean and relational operators. |
| | I can define data types: real numbers and Boolean. |
| Hardware and Processing | I know that computers collect data from various input devices , including sensors and application software. |
| | I can understand the difference between hardware and application software, and their roles within a computer system. |
| | I know why and when computers are used. |
| | I can understand the main functions of the computer operating system. |
| | I can identify the difference between physical, wireless and mobile networks. |
| Communication and Networks | I know how to effectively use search engines, and know how search results are selected. |
| | I can show a responsible use of technologies and online services, and I know a range of ways to report concerns. |
| | I can select, combine and use internet services. |
| Information Technology and Use of Applications | I can make judgements about digital content when evaluating and repurposing for a given audience. |
| | I can identify the audience when I am designing and creating digital content. |
| | I can understand the potential of information technology for collaboration when computers are networked. |
| | I can use criteria to evaluate the quality of solutions, identify improvements, making some refinements to their solutions. |