



Aston Fields Middle School

Key Performance Indicators

Pupils who are working at age related expectations at the end of the year will have a secure knowledge of these Key Performance Indicators.

KS3 Computing

Computer Science

- Designs, writes and debugs modular programs using procedures
- Understands and uses IF, and IF THEN and ELSE statements
- Solves problems by breaking them down into smaller parts (decomposition)
- Recognises that different solutions exist for the same problem
- Designs and uses effective variables to govern termination
- Understands why and when computers are used, including the main functions of the operating system
- Understands how to effectively use search engines and how the results are selected

Information Technology

- Performs more complex searches for information e.g. using Boolean and relational operators
- Analyses and evaluates data and information with an understanding of given results
- Knows the difference between physical, wireless and mobile networks
- Recognises the audience when designing and creating digital content
- Uses criteria to evaluate the quality of solutions, can identify improvements making some refinements to the solution, and future solutions

Digital Literacy

- Can evaluate digital content for a given audience
- Demonstrates a responsible use of technologies and online services and knows a range of ways to report concerns
- Understands the benefit of networking computers