

# COMPUTING

## Jordans School Curriculum



### Purpose of study

See National Curriculum (2014) guidance.

### Aims

See National Curriculum (2014) guidance.

### Attainment Targets

See National Curriculum (2014) guidance.

### Subject Content

#### Year 1:

To recognising technology in school and using it responsibly.  
To choose appropriate tools in a program to create art, and making comparisons with working non-digitally.  
To writing short algorithms and programs for floor robots, and predicting program outcomes.  
To explore object labels, then using them to sort and group objects by properties.  
To use a computer to create and format text, before comparing to writing non-digitally.  
To design and programme the movement of a character on screen to tell stories.

#### Year 2:

To identify IT and how its responsible use improves our world in school and beyond.  
To capture and change digital photographs for different purposes.  
To creating and debugg programs, and using logical reasoning to make predictions.  
To collect data in tally charts and using attributes to organise and present data on a computer.  
To using a computer as a tool to explore rhythms and melodies, before creating a musical composition.  
To design algorithms and programs that use events to trigger sequences of code to make an interactive application.

#### Cross-curricular subject content:

#### Year 1:

Autumn 2 – Art and Design  
Spring 2 – Maths  
Summer 1 – English Writing

#### Year 2:

Autumn 2 – Art and Design  
Spring 2 – Maths  
Spring 1 – Music

#### PSHE:

Rules for and ways of keeping physically and emotionally safe  
(including safety online, the responsible use of ICT)