



Computing

Year 3

Information Technology

Introduction to Photography

Concepts

Identity, Equality, Legacy, Climate, Sunstainability,

Aspirational People

Steven J. Sasson (born July 4, 1950) is an American electrical engineer and the inventor of the self-contained (portable) digital camera.. He attended and graduated from Brooklyn Technical High School. He worked for Kodak shortly after his graduation from engineering school.



How to take a photograph

- Hold the device firmly with both hands
- Point the camera at the subject
- Look at the viewing screen
- Move the device to get the shot you want
- Press the capture button

- Cropping tool removes part of the image



- Recolouring options



- The cloning stamp can duplicate images on screen or cover up imperfections.
- The lasso and magic wand tool can select items in different ways.



Editing

Editing is changing how something looks.

Photograph

The word 'phot' comes from the Greek word for light, and when talking about photography it is used to describe a single image.

Digital

A digital device is an electronic device that can receive, store, processor send digital information.

Subject

The main subject featured in the photograph

Zoom

Changing the focal length, allowing the subject to appear closer than it really is.

Focus

Focussing is the moving of the lens elements until the sharpest possible image is achieved.

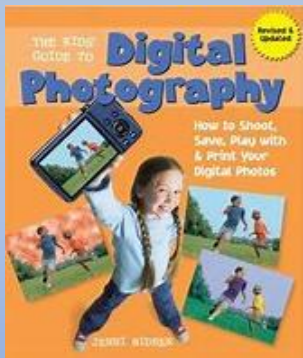
Crop

Removing part of the image to focus on one part of the image or remove distractions.

Sticky Knowledge

Subject Specific Vocabulary

Exciting Books





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Publishing

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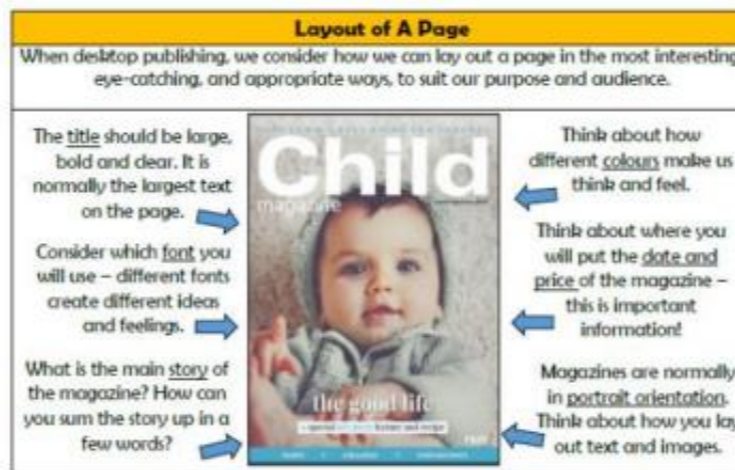
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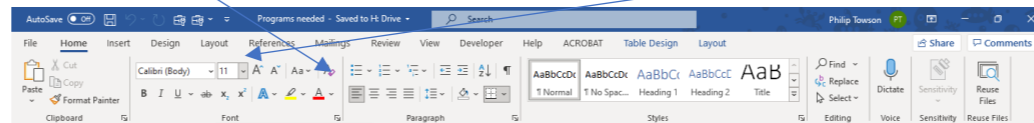
Steven Paul Jobs (February 24, 1955 – October 5, 2011) was the co-founder, chairman, and CEO of Apple; the chairman of Pixar; and CEO of NeXT. He is widely recognized as a pioneer of the personal computer revolution of the 1970s and 1980s, along with his early business partner and fellow Apple co-founder Steve Wozniak.



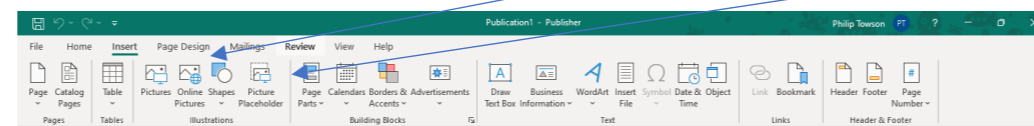
Desktop Publishing is when we create documents using page layout software. We can use desktop publishing to make things like: newsletters, Brochures and Magazines.



The home tab lets us change how something looks, e.g. size or colour



The insert tab allows us to add in a picture or lay out feature.



Landscape

A page with the long edge on the top.

Portrait

A page with the long edge down the side.

Placeholder

Something which fills a space for text or an image to be put in later.

Template

A premade design for how the layout of your work will look.

Orientation

Whether a page or image is in portrait or landscape.

Copy and paste

To make a copy of an image or text and put it somewhere else in the document.

Layout

How your text and images will be arranged on your work.

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Coding

Sequences and Conditional Events

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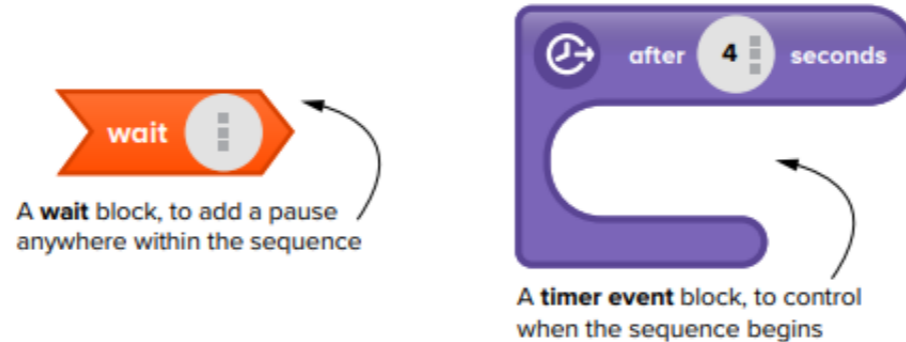
Stephen Gary Wozniak born August 11, 1950), also known by his nickname "Woz", is an American technology entrepreneur, electronics engineer, computer programmer, philanthropist, and inventor. In 1976, he co-founded Apple Computer with business partner Steve Jobs, which later became the world's largest technology company



✦ Placing the blocks in a chain creates a sequence



✦ You can control the timing of a sequence by using:



A wait block, to add a pause anywhere within the sequence

A timer event block, to control when the sequence begins

✦ You use hit events to add selection to your code. Code will execute as a result of -

an object hitting a certain colour.

an object hitting another object.



Sequence

To place programming instructions in order, each executed one after the other.

Action

Something which an object does, such as move or hide.

Wait

This action will pause an object for a specified time.

Timer Event

This code will execute the sequence a specified time after running the program.

Hit Event

The code will execute when an object hits something.

Object

Something on screen, such as a picture, a button or a piece of text.

Condition

Something that must be true in order for something to happen.

Exciting Books



Sticky Knowledge

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