Education  
   
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Education is the transmission of knowledge and skills and the development of character traits. Formal  
education occurs within a structured institutional framework, such as public schools, following a  
curriculum. Non-formal education also follows a structured approach but occurs outside the formal  
schooling system, while informal education involves unstructured learning through daily experiences.  
Formal and non-formal education are categorized into levels, including early ch

## Wikipedia Excerpt: Image processing

Digital image processing is the use of a digital computer to process digital images through an algorithm. As a subcategory or field of digital signal processing, digital image processing has many advantages over analog image processing. It allows a much wider range of algorithms to be applied to the input data and can avoid problems such as the build-up of noise and distortion during processing. Since images are defined over two dimensions (perhaps more), digital image processing may be modeled in the form of multidimensional systems. The generation and development of digital image processing are mainly affected by three factors: first, the development of computers; second, the development of mathematics (especially the creation and improvement of discrete mathematics theory); and third, the demand for a wide range of applications in environment, agriculture, military, industry and medical science has increased.