Mr Andrews Online

HOW DO COMPUTERS IMPACT OUR LIVES?

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KEY IDEAS

It is almost 50 years since Pong's simple electronic arcade game wowed audiences. Since that time, the gaming industry has grown tremendously.

Virtual reality is basically about presenting our senses with computer generated virtual environments that we can explore to a certain extent.

Autonomous robots are programmed to perform independently and will follow their program and don't need humans to tell them what to do.

Semi-autonomous robots mean that while a robot can do a lot of things independently but still need humans to give them instructions from time to time.

Remote-controlled robots are programmed to respond to inputs. The robot does not make any decisions but does what it is told to do. keyboard.

The rise of more automated farming is an attempt to solve these problems by using robotics and advanced sensing.

Social media has changed the way we communicate, do business, and how we access news and information.

Social media has become an integral part of many peoples day to day living. It does however, have its advantages and disadvantages in the way it affects our lives.

Sales made on the high street have dropped. They have not been able to compete with businesses that have a strong presence online.

Cloud computing is basically the delivery of computing services such as storage for files (documents, images, videos), databases, networking, software and more over the internet ('the cloud').

KEY VOCABULARY

Autonomous	Robots have complete freedom to act independently of human control
Virtual Reality	The computer generated simulation of three-dimensional image or environment that can be interacted with by a person using special devices
Social Media	Websites and applications that enable users to create and share content to participate in social networking
Semi-Autonomous	Robots can act independently to some degree but still rely on some human input
Remote Controlled	Robots controlled from a distance by means of radio or infrared signals transmitted from a device
Cloud Computing	Using a network of remote servers hosted on the Internet to store, manage, and process data, rather than a local server or a personal computer.
E-Commerce	Commercial transactions conducted electronically on the Internet.
Video Games	A game played by electronically manipulating images produced by a computer program on a monitor or other display
Robotics	The branch of technology that deals with the design, construction, operation, and application of robots.

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