MECHANISMS AND PIC-MICROCONTROLLERS

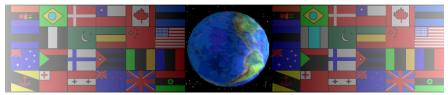
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On behalf of The World Association of Technology Teachers

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The theme park has invested heavily in animatronics as a form of entertainment whilst people are queuing for rides. What is animatronics?

range of mechanisms car ree different types of mec	n be used to produce movement in ani hanisms and explain how they could be	imatronic systems. In the space below di e used in an animatronic system.
IECHANISM 1	MECHANISM 2	MECHANISM 3

The animatronic system (a clown) seen opposite is composed of two arms that move, a bow tie that revolves and a hat with three ultra bright LEDs. The LEDs light in sequence. It is controlled by a PIC Microcontroller.

What does PIC mean?

EDs. The by a PIC

Why are bulbs being replaced by LEDs?