

Lesson 4 Is a computer a digital device?

Digital Devices in KS1

Phil Bagge

Computing Inspector/Advisor HIAS  Hampshire
Services
HIAS SCHOOL IMPROVEMENT

CAS Master Teacher  Computing at School


Teacher Otterbourne Primary 

& Ringwood Junior Schools 

Author code-it.co.uk resources 



All digital technology
must move

 TRUE

FALSE 



All digital technology must move



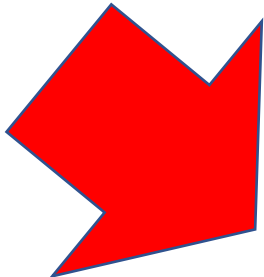
some might
not all



TRUE



FALSE



All digital technology must have a display



TRUE

FALSE



All digital technology must have a display



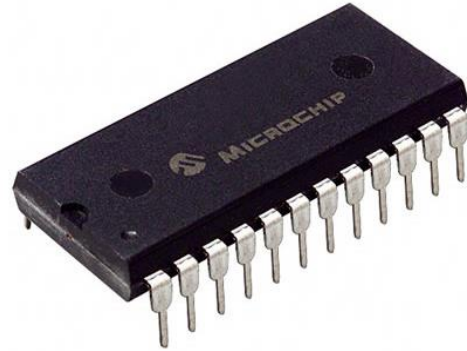
some
might
not all

TRUE

FALSE



All digital technology must have



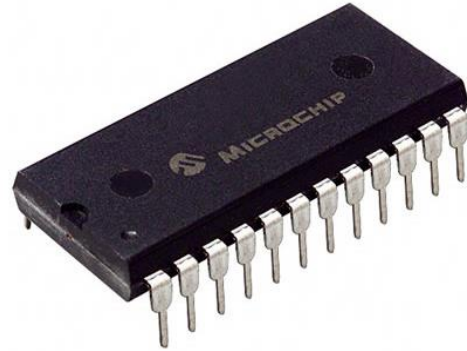
Instructions inside

TRUE

FALSE



All digital technology
must have



Instructions inside

TRUE

FALSE



power

display

button

knob

Can you find a digital device in the class and label it?



light up

move

sound

dial



Digital Devices



Must have	Might have or Might do
<ul style="list-style-type: none">• Instructions (microchip)• Power	<ul style="list-style-type: none">• Digital display• Buttons knobs dials• Spoken instructions• Light up, move, make sound



Look at these toys
Label the toys
Which ones are digital devices?



Digital Devices



Must have	Might have or Might do
<ul style="list-style-type: none">• Instructions (microchip)• Power	<ul style="list-style-type: none">• Digital display• Buttons knobs dials• Spoken instructions• Light up, move, make sound



Knowledge so far

We know that digital devices can come in many shapes and sizes

We know that a digital device contains coded instructions to make it do things



Laptop & Desktop Computers



Laptop



Desktop



Is a computer a digital device?



Is a computer a digital device?



Has it got power?



Is a computer a digital device?



Has it got power? ✓



Is a computer a digital device?



Has it got a display?



Is a computer a digital device?



Has it got a display? ✓



Is a computer a digital device?



Has it got buttons,
knobs or dials?



Is a computer a digital device?



Has it got buttons,
knobs or dials? ✓

Keys a type of
button

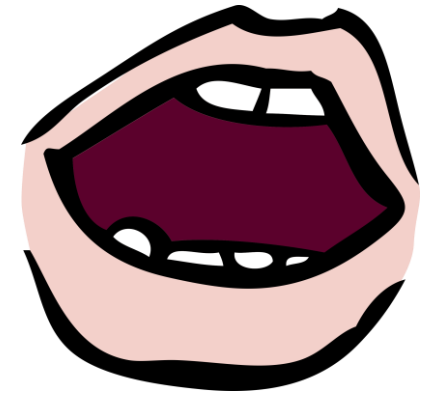




Is a computer a digital device?



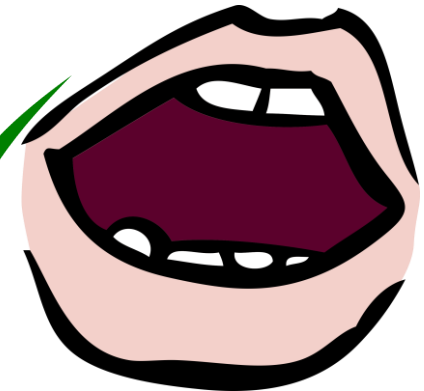
Can we put spoken information in?



Is a computer a digital device?



Can we put spoken information in?



Is a computer a digital device?



Does it do something?
Lights up
Make sound
Move



Is a computer a digital device?



Does it do something?

Lights up ✓

Make sound ✓

Move ✗





Labelling parts of a computer



power button
display
keys
keyboard screen
speakers mouse
trackpad

Knowledge so far

I know that digital devices can come in many shapes and sizes

I know that a digital device contains coded instructions to make it do things

I know that computers are one form of digital device

