learning experiences that make the difference

it'sLearning365
everything you do

Computing Science @ GCSE

Computing systems affect almost everything we do – doing business, controlling machines, using social media on our phones and tablets, navigating using SatNav and supporting administration. Our computing Science @ GCSE module is designed specifically to help you engage with and motivate your students to become the next generation of computing scientists.

Theory and Controlled Assessment

Studying computer science can be daunting to some. Our interactive resources help you introduce and teach all parts of the theory and controlled assessment units in ways that encourage independent thinking, problem solving and questioning.
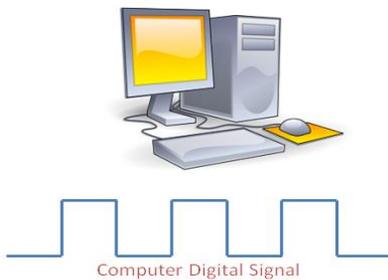
Bringing it Down to Earth

To help everyone in your class become fully engaged and an active learner, all our materials are written with your students in mind. Each topic is presented in an easy to understand format with practical real-life examples to explain how computing systems work and how we interact in them.

Our interactive resources help your learning understand all aspects of computing through ...
Simple screen designs   Decide how to use your resources   Interactive learning elements

A 12month subscription for your organisation can start from as little as £495 + VAT!
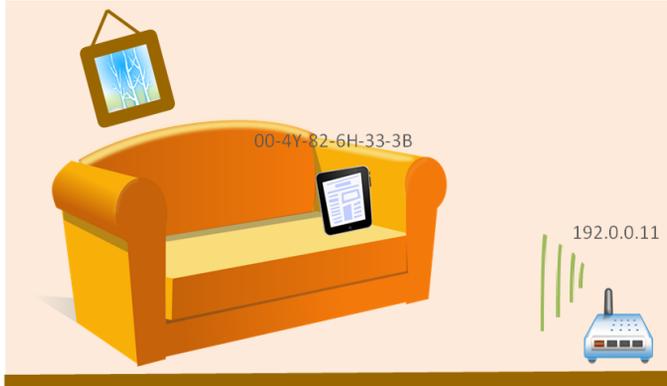**Call** today for more information.

MODEM ...

it'sLearning 365

Computer Digital Signal

Telephone Analogue Signal

Next ...

00-4Y-82-6H-33-3B

192.0.0.11

When Mark connects his phone to his Wi-Fi router, the phone sends out it's own MAC Address.

The MAC Address is the Physical Address for the phone.

The router recognises the MAC Address for the phone and issues

We ensure our resources are presented in the most appropriate format, using interactivity to communicate complex ideas:

Point and Click

Automated

With Video

Our Key Learning Features ...

- ✓ What is Computing?
- ✓ Understanding Algorithms
- ✓ Components of a Computing System
- ✓ Handling data – Binary, ASCI, Images, Sound, Video
- ✓ Managing and Developing Software
- ✓ Databases and Using SQL
- ✓ Data Security and Encryption
- ✓ Communication and Networking
- ✓ Network Infrastructure
- ✓ Protocols and Addressing
- ✓ Programming and Programming Languages; including
  - ✓ Python
  - ✓ Java
  - ✓ C
  - ✓ HTML
- ✓ Computer Memory and Data storage
- ✓ Computing and Society

Explore and Learn

Using different resources, including blogs, wikis, research pages, assessments and click and do, your students can take control of their own learning and understanding.

Plus 24/7 access to the Learning Gateway means the learning does not stop when you students leave the classroom.

Contact us today to try out our sample resources on **0843 886 0183** or email **info@itslearning365.com**

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