

Options Talks

GCSE

Information
Technology

Do you like...

Technology
Applications
Digital
Solving-problems
Connectivity
Devices



Why choose IT?

- Technology are changing every part of our lives at an ever increasing rate – why not drive the future?
- In this GCSE:
 - Experience a range of IT and Multimedia Software
 - Find out how the technology is impacting everything
 - Discover emerging technologies
 - Solve logical problems
 - Develop transferable software skills
 - Increase knowledge on cyber security and how to stay safe
 - Gain some practical skills in IT and Media software



Drones

- Drones are already used for film making, search & rescue and surveying
 - In the future, deliveries to your house could be made by drone
 - They will need programmers to tell them where and when to go each day
- Would you like to be a part of this future?



Project Management

- This is a course which has practical skill development
 - Plan and monitor projects
 - Budgeting skills
 - Analyse
 - Decision making



Multimedia

- There is a range of Multimedia software that students explore including Dreamweaver and Photoshop.
 - Web Design
 - Apps
 - Graphics
 - Animation
 - Sound
 - Video



Practical Software Skills

- Office 365
 - Word
 - Excel
 - PowerPoint
 - Access
 - OneNote
 - Outlook
 - OneDrive
- Adobe
 - Dreamweaver
 - Photoshop / Fireworks
 - Animate
 - Audition



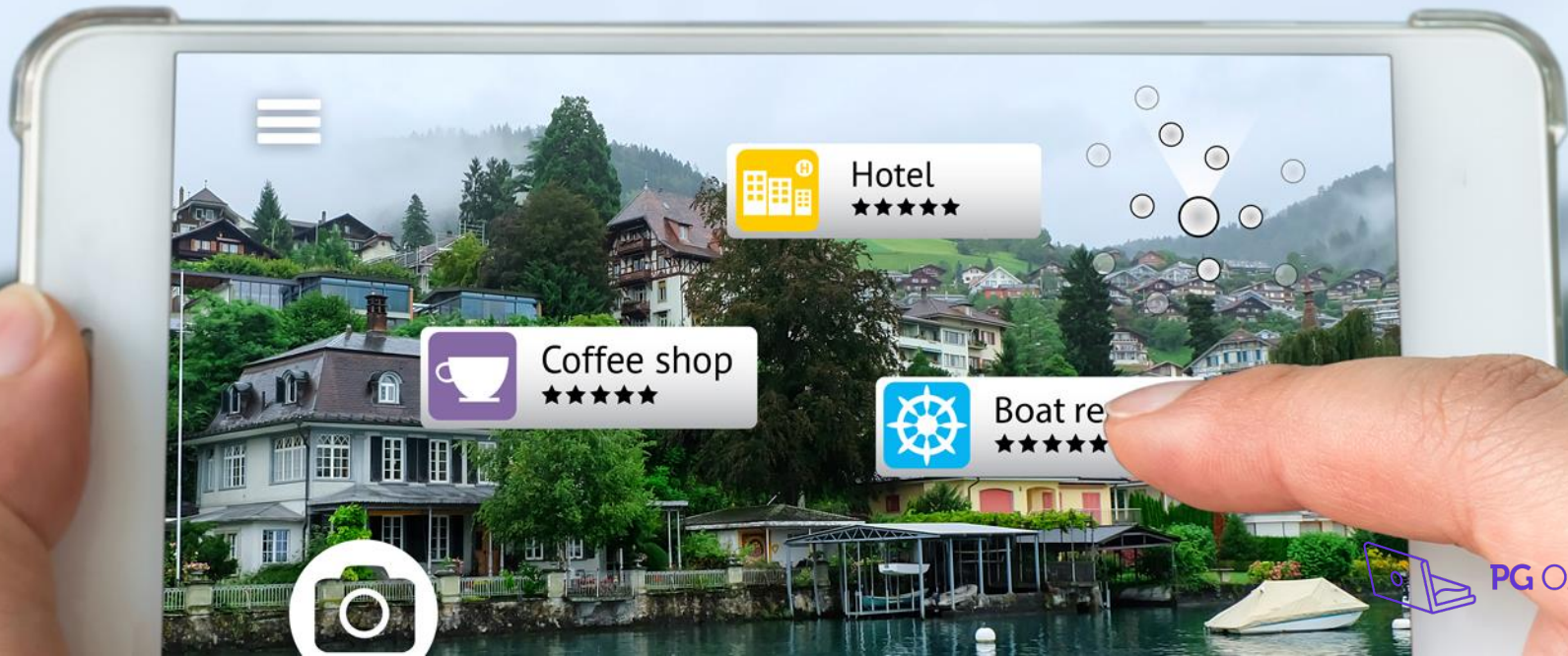
Cyber Security

- Cyber attacks are costing millions!
- The following are huge concerns:
 - Ransomware
 - Viruses
 - Social Engineering
 - Malicious Code
 - Man in the Middle
 - Identify Theft



Augmented reality

- By adding information to the world we can:
 - add reviews on shops and cafés as we see them
 - utilise a heads-up display when driving
 - or play Pokémon Go



Entrepreneurs & start-ups

- It took just three people to create Snapchat
 - Bobby Murphy was the programmer who coded the app
- Within four years the software was sending six billion videos per day
 - Most entrepreneurs can't imagine having made it without a knowledge of IT and Computer Science



ICT at GCSE Level

Paper	Assessment	Weight
One	Theory – 2 hours	40%
Two	Practical – 2 hours 30	30%
Three	Practical – 2 hours 30	30%

DESC IT Exam Performance
A*/A - 30% (DESC) vs. 18% (UK)
A*-C - 90% (DESC) vs. 65% (UK)
ALIS Residual: +0.35

Future Options
Advanced Level IT (DESC)
Self Employment
Apprenticeships
Career Pathways



ابتكر شارك تفوق تجرأ
Dare Excel Share Create



Further Information

- Mr. Rawat
- Subject Teacher

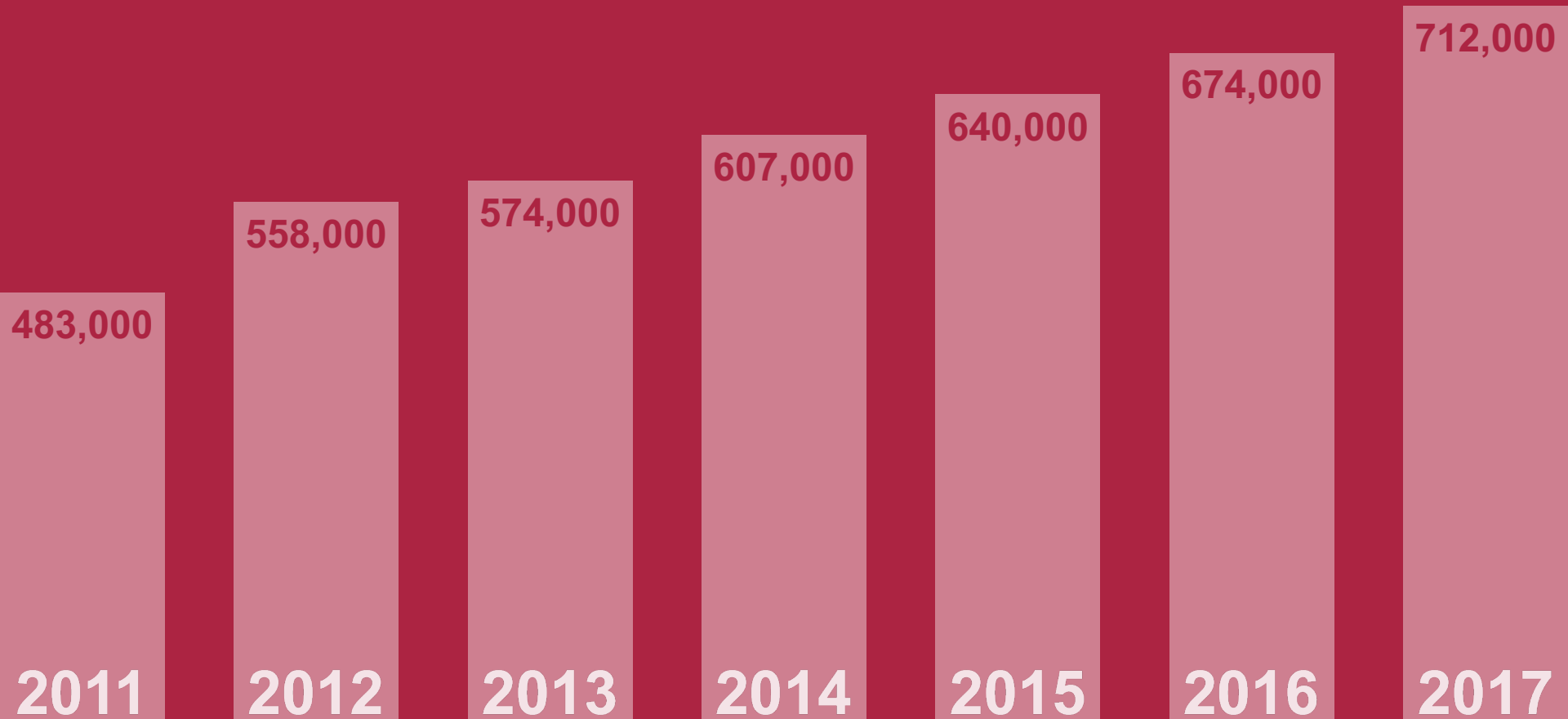
Big companies in the UK

- Major international companies are present in the UK and looking for bright new talent
 - Google
 - Microsoft
 - Apple
 - Samsung
 - Facebook
 - Amazon



Equip yourself for success

- IT, programming and computer services have an ever-growing number of jobs in the UK



Big careers in...

Systems engineer
Design **Robotics**
Future careers electronics
Games **Web** Cyber-Security
Data **Entrepreneur** App
analysis UX/UI Programming
Consultant



The world needs **YOU**
to help develop the future.

Are you in?

