



Cambridge TECHNICALS in IT



Unit 15: Computer Game Platforms & Technologies

LO 4: *Be able to connect and configure platforms and devices to enable gameplay.*



Xbox 360 Installation



The school needs an Xbox set up and configured with a Kinect to enable students to play games at lunchtimes. The following will be needed:

- ☑ Xbox connected to the television.
- ☑ Kinect connected to the Xbox and configured to work appropriately.
- ☑ Kinect Adventures installed to the hard drive.
- ☑ Wireless configured to allow updates to be downloaded.



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PC Installation



- To enable the children to gain an understanding of the real world the school would like to trial the use of The Sims 3 with a selected group of students. You will need to set up the following:

- ☒ Install The Sims 3 to the PC

- ☒ Install and set up peripherals such as the mouse and monitor to enhance gameplay



Multiplayer Gaming



- Local Area Network (LAN)
- Wide Area Network (WAN)
- Wireless
- Network Interface Controller (NIC)
- Cabled devices
- Wireless devices



Multiplayer Experiences



You will need to look at the following scenarios and decide which connection types would be most suitable and why.

1. *John would like to play World of Warcraft on his laptop computer in the evenings with his friends.*



2. *The staff in the family unit wish to help some selected students with their co-ordination skills and are investigating the use of Guitar Hero or Rock Band for the Xbox 360.*



3. *Charlie is having a games night with his friends and has a Nintendo Wii with a variety of fun multiplayer games.*





L04 Portfolio Evidence



✓ (P4) Connecting & Configuring Platforms

- Set up the Xbox 360 and PC as requested while completing an Installation Record Sheet.
- Write an overview of the installations carried out (including photographs)

✓ (M4) Connection Types for Multiplayer Gaming

- Explain each of the connection types and how they aid multiplayer gaming.

✓ (D4) Justifying Connection Types

- For each scenario, explain which connection types would be the most appropriate and give clear reasons for each choice.

