
Teacher Guide

Unit 3: ICT Solutions for Individuals and Society

INTRODUCTION

This unit requires students to carry out research using online and local sources, to analyse numerical data and to present their findings in a report. With the exception of task b: *an explanation of the impact of the availability of electronic information on individuals and society*, it is the methods used to locate, analyse and present information, rather than the information itself that is being assessed. The evidence will, therefore, need to include screen prints and observation records to demonstrate the search methods used and the level of independence demonstrated.

[AICT_Unit3_assignments.doc](#) contains three sample assignments that teachers might like to use or adapt to teach this unit. Please note that all ideas contained within the assignments are suggestions only, and teachers are free to teach the unit as they wish.

Research Commissions – useful websites to start with

The following websites will provide useful starting points for the three enquiries in the main assignment.

Enquiry Title	Starter Websites
1 In what ways have the UK's spending patterns on leisure activities altered in the last ten years?	<ul style="list-style-type: none">• http://www.statistics.gov.uk/• http://www.bbc.co.uk/• http://goliath.ecnext.com/coms2/page_home• http://www.datadepot.co.uk/
2 How has flooding and coastal erosion changed in the UK over the past ten years?	<ul style="list-style-type: none">• http://www.metoffice.com/• http://www.geographypages.co.uk/• http://www.floodrisknet.org.uk/• http://www.defra.gov.uk/• http://www.sepa.org.uk• http://www.ncl.ac.uk/wrgi/wrsrl/index.html
3 Has increased TV coverage affected the attendance of live sports events?	<ul style="list-style-type: none">• http://www.marketresearch.com/• http://www.football-data.co.uk/• http://msn.skysports.com/skysports/home• http://www.viewingfigures.tv• http://www.uksport.gov.uk/home.asp

Other Research Ideas

	Enquiry Title
1	In what ways have public libraries been affected by the growth in use of the Internet?
2	What effect has Broadband had on Internet usage?
3	Has the North / South divide in the UK increased in the last five years?
4	Is the UK economy stronger or weaker than ten years ago?
5	How has the rise in high-risk sport participation affected the demands upon emergency services?
6	What are the major changes to holiday patterns in the UK?
7	Is the population of the UK healthier than it was five years ago?
8	What effect are fast food restaurants having on the UK?
9	Are school leavers better prepared for adult life than they were ten years ago?

Any of these titles can be presented in a similar fashion to the three given in the longer assignment brief.

The nature of the title should allow candidates to interpret the brief in both general and specific terms. For example for title 3, two similar sized towns in the UK could be investigated, enabling purposeful access to local data sets as well as more general national data sets.