

# Summary of sample teaching units (STUs)

## **ICT STU 7.1: Using ICT for exchanging and sharing information** (DfES 0399/2002)

Unit 7.1 is an introductory unit for Year 7 pupils, who will enter with varying levels of attainment and experience. The purpose of the unit is to develop pupils' ICT capability, building on their existing knowledge, skills and understanding in the subject. The lessons suggested in the unit also provide opportunities for teachers to find out what pupils can do and to give support to those with less experience or limited expertise in the necessary skills.

## **ICT STU 7.2: Using data and information sources** (DfES 0013/2003)

This unit reviews pupils' learning from Key Stage 2 and introduces some of the ICT Framework objectives for Year 7 in the theme 'Finding things out'. The unit focuses on using data and information sources, and searching for, selecting and evaluating information on the Internet.

Aspects of information handling are taught in English, history and mathematics. You might find it helpful to ask colleagues in these departments what they have covered before you teach this unit. You could then refer to the work pupils have done in these other subjects at appropriate points in their ICT lessons.

## **ICT STU 7.3: Making a leaflet** (DfES 0410/2002)

This unit is for Year 7 pupils, who will enter with varying degrees of attainment and experience. The unit provides opportunities for teachers to find out what pupils can do, and to give support to those with less experience or limited expertise in the necessary skills. It also enables pupils to build on work done in unit 7.1.

## **ICT STU 7.4: Introduction to modelling and presenting numeric data** (DfES 0417/2002)

Unit 7.4 is the first unit in Year 7 that teaches pupils to use spreadsheets as a modelling tool. It gives pupils the opportunity to review the learning from Key Stage 2 as well as introducing them to the Framework objectives for Year 7.

## **ICT STU 7.5: Data handling** (DfES 0447/2002)

Unit 7.5 is a unit about data handling for Year 7. It allows you to review pupils' learning from Key Stage 2 and to introduce them to some of the ICT Framework objectives in the theme 'Finding things out'.

Since handling data is one of the National Curriculum attainment targets in mathematics, you should consult the mathematics department as to which aspects of data handling have been taught in Year 7 mathematics lessons, including the use of ICT. The handling data section of the supplement of examples in the *Framework for teaching mathematics: Years 7, 8 and 9*, included on the CD-ROM accompanying this unit, illustrates the kind of work that pupils in Years 7, 8 and 9 will do in their mathematics lessons.