

ICT Lesson Plan IE

QCA Unit	1E Assessment Task (Representing Information Graphically: Pictograms)		
Year Group	1	Number in class	
Time for lesson	1hr.	No. of computers	
Preparation Eye, hair colour survey data recording sheets x 15.			
Resources 2Count			
Learning objectives <ul style="list-style-type: none"> To use ICT to classify information and present findings as a pictogram 			
Technical Vocabulary Icons Collect Pictogram Sort			
Assessment Teacher/LSA observation – that the children <ul style="list-style-type: none"> Accurately enter collected data/information into a graphing program with a pictogram facility Understand that a computer can be used to create pictograms Printout their pictogram 			
Introduction (10 mins) Explain to the children that they are going to collect and sort information/data about party foods to find out which is the most/least popular in the class and printout this information/data as a pictogram. Tell the children they can only choose 1 party food from the choices. Teacher records results as a tally chart on the flip chart. The children add up the total for each party food. Recap: Last lesson what did we use to create a pictogram of our pets? (the computer). Which program did we use? How do we load the program? Teacher loads the program. Teacher reads out the list of possible files that could be used to record the results of the survey, then asks the children which file will we choose to record our data about party foods? (Food). How do we enter our data? Teacher demonstrates by clicking on a food icon. Teacher also demonstrates how to use foods which aren't listed (by drawing it in My Pictures).			

Main activity (40 mins)

Children working individually/independently.

The children will individually/independently load the program, select the Food file and enter/edit collected data about party foods.

After asking permission, the children will printout their pictograms. Ask them how they will do this?

The more able children will manage independently or use 2Graph to show their information.

Some children may need support with correcting inaccurate entries of the data.

Assessment sessions: LSA will supervise/support the remainder of the class during the assessment sessions. Ask the children to carry out surveys of hair and eye colour. LSA to record results as a tally chart on the flip chart. Pupils add up totals for each subject. What is the most /least common eye/hair colour? Depending on ability of the children, using the pre-prepared recording sheets they will create a pictogram and/or a block graph of the results of the surveys. Ask the children to use their graphs to say what is most/least common eye/hair colour?

Plenary (10 mins)

Ask the children to look at their pictogram printouts to help them answer the following questions.

Ask the children which is the most popular party food? Who else agrees that this is the most popular party food? Using their pictograms ask the children to explain how they know this?

Ask the children which is the least popular party food? Who else agrees that this is the least popular party food? Using their pictograms ask the children to explain how they know this?

Ask the children what other information could be presented as a pictogram (months of birth, favourite pop group, favourite sport, favourite fruit etc.).

Homework

None