

ICT Cover Lesson /Year 7/7.5 CVR1

Teacher Instructions

Students will need:

A copy of 7.5CVR1 pupil worksheet

A copy of the file **7.5crossword** (Pupils can find this in **Year 7 >> ICT Cover Work**)

- **Students will need ICT access for this lesson**
- **Students will not need to use the internet**

1. Please issue the sheet and explain the written task
2. For task one students need to make sensible suggestions for collecting data which is accurate, relevant and not biased. Answers could include Checking data, creating questions carefully and ensuring that a sample contains equal numbers of boys and girls
3. Any three simple facts can be written down for task 2. For example, *6% of boys wanted to visit the Skydome, Girls wanted to take more spending money than boys.* Some students may struggle to create hypotheses if they have not covered this in their ICT lessons yet. A suggestion is given, but others include:
"Girls will want to take higher amounts of spending money than boys"
"At least twice as many boys want to visit EuroDisney compared to London". The percentage question asks pupils to consider that when quantities are represented as percentages, they are easier to use for making comparisons.
4. The ICT activity is tricky. Students need to open Excel and if they are to get their charts to work, they must **ONLY** copy the categories and the numbers. If they do this it is easy for them to create a chart by highlighting all the data and using the chart wizard. If they get as far as pasting charts into Word, they should print these out and hand them in, ensuring their names are on them. It is important that they label the charts appropriately and choose the chart type with care. They must also have justified their reason for choosing the chart type that they did.
5. Students struggling with this task could attempt the online crossword task first.

SEN:

There are some difficult concepts in this lesson and weaker students could need a lot of support, to complete the work. Students with learning difficulties could attempt the crossword, or, alternatively, try and design a questionnaire which they could use to collect data about an end of year trip. They will need to consider what useful questions they should include, such as gender, preferred venue, how much they are willing to spend, how far they are willing to travel, preferred method of travel etc.

At the end of the lesson:

Please return all work to the ICT Department Office.