

This activity is designed to help learners:

- interpret data;
- interpret graphs and charts;
- interpret interactive data visualisation;
- access secondary data;
- analyse secondary data;
- report findings.

TIMING: One hour lesson in a computer room. This resource is based on results from the 2011 Census (www.ons.gov.uk/ons/guide-method/census/2011/index.html).

EQUIPMENT:

This task can be carried out in groups of 5-6 people. For TASK A each group will need:

- a set of 36 Statistics Cards – Which Area Statistics Cards.doc
- England and Wales map and answer sheet – Which Area Map and Answer Sheet.doc
- pupil help sheet – Which Area Website Helpsheet.doc
- computer(s)
- pens
- scissors (if pupils are going to cut out the cards)

For TASK B you will need:

- the number of groups x number of children top trumps cards – Which Area Top Trumps Cards
- computer(s)
- pens
- scissors (if pupils are going to cut out the cards)

The teacher will need: The answer sheet - Which Area Answers.doc

TASK A: The statistics cards can be prepared beforehand or the pupils can cut them out during the lesson.

Using the ONS website (for links see: Which Area Website Helpsheet.doc) pupils must locate each of the 6 areas on the map by writing the corresponding letter (from the **COUNTY** section of the answer sheet) in the correct place on the map. For example for Torbay, they would write an F in the county of Devon.

The pupils must look up the statistics on the ONS website for each of the categories in each of the six areas:

- Religion
- Ethnicity
- Population
- Population Density
- Travel to Work

Pupils can use either maps or spread sheets to find the statistics – these can be found on the help sheet for pupils. Once the statistics for each category are matched to an area the letter on the card can be written on the answer sheet in the box which corresponds.

Once the answer sheets and maps are filled in, the pupils can swap them with another group for marking. The answers can be found in - Which Area Answers.doc.

TASK B: To play 'Top Trumps', either ask each child to pick a different area in England or Wales, or choose an area for each child to collect data on from the ONS website. Each child will need a card for every group in the room (so if there are 6 groups, they require 6 cards to fill out). The children look up each statistic required for the top trumps and fill out the same statistic on each of the cards. They should then label the cards on the back with letters (from A to F if there are 6 groups).

Collect all the cards in and sort them into their packs: A, B, C, D, E and F. Give out a pack to each group.

Any number of people can play. Shuffle and deal all the cards face down. Each player holds their cards so that they can see the top card only. The player to the dealer's left starts by reading out an item from the top card (e.g. population density – 45 people per hectare). The other players then read out the statistic on their card for the same category. The one with the best or highest value wins and places all the top cards including their own to the bottom of their pile. It is then their turn again to choose an item from the next card.

If 2 or more cards share the top value or no data is available for that particular subject then all the cards are placed in the middle and the same player chooses again from the next card. The winner of the hand takes the cards in the middle as well. The person with all the cards at the end is the winner.