



**Main activity ( 45 mins )**

**25 mins** ability groups: Explain to the children that they are going to find out the most/least common mode of transport for getting to school. Explain the transport symbols (poster or OHT) to the children. Using the card, ask all the children to copy a symbol onto their card to show the way in which they travel to school.

Ask the children to sort their modes of transport cards into groups and to arrange each group vertically on the wall, to build a pictogram. Discuss with the children what is meant by the term 'pictogram' – pictorial/graphical representation of information/data.

Can they see which mode of transport is the most common immediately? Can they use the pictogram to find the least common way of travelling to school?

Encourage more able children to use the pictogram to find out as much information as possible e.g. how many more children travel by car than by bus/coach? How many more children travel to school by car than walk?

**15 mins** Individual work: Ask the children to look again at the wall display of pictures showing a range of different modes of transport and to add up the total for each mode of transport and record on the pre-prepared record sheet. Check the totals with the children. Ask the children which is the most/least common mode of transport?

Use of additional support: LSA will support Group 1.

**Plenary ( 10 mins )**

Ask the children what a pictogram is.

Can the children say whether it is easier to show information in a pictogram than a bar chart and explain why? i.e. it's clearer straight away

Tell the children that all information that is sorted into groups can be displayed in this manner. Explain that weather patterns, temperature charts in hospitals and so on are all displayed in a similar way to show the information clearly and at a glance.

Ask the children - Is it easier to get answers to the questions about the information/data from the pictures on the wall or from their record sheet? If so why?

**Homework**

None

The Buckinghamshire ICT Curriculum Support Team contributed this lesson plan. Additional resources to support this lesson may be found at <http://www.bucksict.org.uk/Downloads/LessonPlans.htm>