Fractions Home Information Sheet
First Level (a)

I will be exploring fractions by taking part in practical activities, I can show my understanding of:

- *how a single item can be shared equally*
- *the notation and vocabulary associated with fractions*
- *where simple fractions lie on the number line.*

MNU 1-07a

Over the next few weeks we are going to be learning about halves and tenths:

- Split items into a number of equal parts and associate this action with the language of fractions, e.g. If I cut the pizza into 2 equal parts each part will be one half
- Link the action and language of "splitting" with correct notation, e.g. one half can be written as 1/2
- Understand what simple notation means, e.g. a half is 1 part out of 2 equal parts and is written as ½
- Develop an awareness of the relationship between simple fractions and whole numbers, e.g. that ½ is bigger than ¼ but less than 1 whole
- Use the language of fractions in describing and comparing things, e.g. I have eaten about one half of my bar of chocolate but you have eaten all of yours
- Use materials and diagrams to represent fractions where the whole is an object, e.g. fold a strip of paper into ten equal parts and shade 2 parts to show 2/10
- Locate and place common fractions on a graduated number line

Here are some ideas of how you can help me at home!

Halve it! Ask children to find as many examples as they can of halves being mentioned in newspapers or magazines. These examples might come from sports reports (half-time, first half), times (half an hour), adverts (half-price), measurements (half full, half a cup), etc. Children draw, stick or write about them for their homework jotter.

Half a shape Ask children to draw shapes and find different ways of finding half.

Half full Ask children to find containers at home, such as measuring jugs, plastic bottles and cartons, and to half-fill them with water. Then try to find how much each full container holds and work out approximately how much water they have put into each. They record their findings in pictures and words.

Here are some websites that you may find useful to use with me!

http://nrich.maths.org/217 - Happy Halving

http://www.kidsolr.com/math/fractions.html - Scroll down to Fraction Help, click on Fraction Practice