Here are some activities you can use to support your child:

http://www.topmarks.co.uk/Flash.aspx?f=dartboarddoublesandhalves

http://topicbox.net/mathematics/doubling_and_halving/5272/

http://www.ictgames.com/robindoubles.swf

http://www.wmnet.org.uk/resources/gordon/Hit%20the%20button%20v9.swf

NUMERACY TARGET

Information for Parents
Y2

Dear Parents/Carers,

At Greengate Lane School we are committed to raising standards and helping every child to achieve their potential.

Each half term we have a different focus in school to improve every child's mental mathematics skills as this forms such a large part of almost everything we do in mathematics.

Specifically, between now and the end of this term we are focusing on the 'Doubling and Halving' and targets have been set for your child.

Your child's target is:
Understand that halving is the inverse of doubling and derive and recall doubles of all numbers to 20, and the corresponding halves
Some children might still be working on recalling the doubles of all numbers to 10 whilst others may move on to use knowledge of number operations and corresponding inverses, including doubling and halving, to estimate and check calculations.
Your child will be undertaking lots of extra activities in school but we would also like you to support them at home. This will form the basis of their homework for this half term.

We are confident that through this approach we will see a rise in standards and confidence in our children.

If you require any further information about this, please speak with your child's mathematics teacher.

Please support your child by checking that homework is complete and spending a few minutes each day working with them on their target.

Useful strategies to support their learning:

Children can count out objects to support their doubling and divide objects into 2 equal piles for halving.

Partitioning:
For numbers larger than 10 partition the number in to tens and units and double/ halve each separately before recombining e.g.

$$\underline{14}$$

10   4

5   +   2   = 7
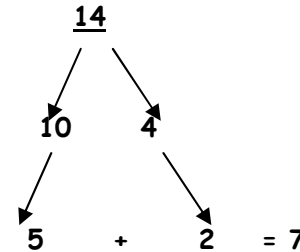
This is a game for two players.

You will need a dice.
How to play:

- Decide on a target number. This is the total that both players are trying to make.
- Player 1 throws the dice. S/he can choose whether to double the number shown or halve the number shown.
- Player 2 throws the dice. In the same way, s/he can choose whether to double the number shown or halve the number shown. Player 2 adds his/her number onto Player 1's number to make a running total.
- Play continues like this with each player rolling the dice, halving or doubling the number and adding the result onto the running total.
- The winner is the player who reaches the agreed target exactly.

Here are some questions to think about:

Must each player always take a turn?
Does it matter if you go first or second?
Are there any particularly good numbers to choose as your target?