

2p	1p	5p	1p	
5p	2p	1p	2p	
1p	10p	1p	1p	
5p	5p	1p	1p	

1p	1p	5p	2p	
2p	5p	5p	2p	
2p	1p	2p	2p	
5p	2p	2p	1p	

I have attached a couple of cards for 1:1 teaching, make others if needed for more players. Most rows total 10p, some less than 10, I have also included a couple of rows above 10 which would not be out of reach.

First level:

- Tips:** There will be lots of modelling from the practitioner who takes the first turn. Give lots of praise, make it fun!
- Make a 'money' die with 1p, 2p, 5p and 10p stickers and double up two of the coins. (six sides)
 - Have a pile of real coins on the table and a pencil for each player.
 - As a player completes a line (vertically or horizontally) he/she totals up the money in that row and writes the amount in the empty box. Remind the player to say pence after the number!
 - Prompts for adding up each row - start with the biggest value, then find the next biggest and so on. When it's the teachers turn, emphasise each coin verbally as well as pointing whilst adding up.
 - Finally, player gets an inducement ie a sticker or score points (say 1point for a horizontal line, 2 for a vertical line 5 points for finishing first) (More practice with addition!)
 - If placing a coin completes a row both vertically and horizontally, both rows are totalled giving more practice adding up and writing in amounts (give 4 points).

How to play:

Toss the die, say the amount out loud, find the appropriate coin, match coin to number on the card.
Take turns selecting and placing coins appropriately.
Total completed rows.
Write in amounts.

Second level

To practice making an amount using multiple coins e.g. - 5p could be 2p, 2p, and 1p

Tips: Put more of some coins and less of others in separate piles on the table. Make a second dice.

How to Play:

- Toss both dice, say both amounts
- find coins match to own card
- continue to play as before
- Practitioner begins by making up one of his/her amounts with multiple coins, talking through what you are doing

Building and broadening in small steps.

- Keep changing amounts on cards, later include amounts such as 3p, 4p, 7p and so on.
- Make other dice to reflect the new amounts
- Pupil will make up say 4p with choice of 4 x 1ps or 2 x 2ps or 2p and two 1ps. Etc.
- Try to give one or two higher amounts (over 10) to stretch the pupils. And to see how they would tackle it.

© Vikki Horner 2010
01747 861 503

vikki.horner@mathsextra.com
www.mathsextra.com