

Maths 4U
Sixth Grade
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Outdoor day

Start

Advance preparation

Make the tables / boards using cardboard – cut the sections out, so that you won't need big / large layers.

Ex.

Numbers	Factors
1	1
2	1 2
3	
4	
5	
6	
7	
8	
9	
10	

Write all the factors / answers on small pieces of cardboard – one on each.

Remember that ss will put the factors on the cardboard board – look at the example in green.

You may need 4 sets (1 set = 1 board and the factors / answers cards).

Divide the class into small groups – depending on the number of sets you prepared.

Tell ss that you are going to try one activity outside - at the playground – it will be about finding the factors of some numbers.

Tell them to take their books, a pencil and an eraser with them.

Explain to ss that they will have a board / table that must be completed by putting factor cards (on) in the appropriate sections.

Give out the factor cards (scrambled – or just throw them up in the air).

Remind ss about working in the area they were directed to / given.

Give out some white sheets of paper to each team – just in case they need to write something while the doing is on.

During

While ss work, monitor and make random questions to check understanding and use of information.

Check the boards and use the ones that look organised to get information / answers from.

Tell ss to copy / write the answers in their books – from the boards.

End

Once back in the classroom, ask ss if they remember what a

prime number is – in L1 if needed.

Draw ss' attention to the gapped definition below.

Tell ss to write the definition by using the lines – they are clues to find the words needed to complete it.

They are numbers that have only 2 factors; 1 and themselves.

Elicit – ss will tell which numbers in the table are prime numbers – T writes the list of numbers on the board.

Once it is complete, tell ss to colour the boxes where those numbers are – they can use any colour they want, as long as all the boxes get coloured using the same colour.

There is no need to get extra notes for ss to write, but if you think something is important or necessary, go ahead and get ss writing some notes.