

NUMBER BONDS 1-10

These activities can be done with an adult but once you have had a go together they are great to play with as this helps to remember all the different patterns.

LI: I am learning my number bonds from 1-10

SC: I can say the number bonds.

I can make the number bonds.

I can recall the number bonds quickly.

Number bonds are equations that all make the same number. It is important for you to know them off by heart as it helps you with your mental maths. You can also use your knowledge of number bonds to help you with harder equations later.

For these activities you will need number cards from 1- 10. You can make these with paper or with old cardboard like an old cereal packet.

5/10 FRAME – good for learning number bonds for 5 or ten.

Make/draw a number frame for 5

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or 10.

- Using two different kinds of objects how many different ways can you fill up the spaces?
- Adults write down the equation.

Want to try it for six? Then use an egg box.

LITTLE BOXES

Two boxes and some small objects that fit inside.

- Choose a number from 1-10.
- Count out that many objects.
- Now split them between the two boxes.
- Count how many are in each box.
- Adults write down the equation.

Remember sometimes one of the boxes can be empty.

BUILDING BLOCKS

You will need some kind of building blocks (lego, duplo, mega blocks).

- Choose a number from 1-10
- Make the number using the colour blocks.
- Now pull them apart in different ways.
- Count how many are in each hand,
- Adults write down the equation.

MAKE A BOOKLET

Make a booklet for each number showing all of the equations.

Add some pictures to help people understand.

HIDING HANDS

Choose a number and count out that many objects.

One person closes their eyes and steals some of the objects.

The other person looks at what is left and says how many have been stolen.

<p style="text-align: center;">ONLINE VIDEOS</p> <p>NUMBER BONDS for 1 https://www.youtube.com/watch?v=BLuoYNmxkkU</p> <p>NUMBER BONDS for 2 https://www.youtube.com/watch?v=YfzLt3oFev0</p> <p>NUMBER BONDS for 3 https://www.youtube.com/watch?v=vh481gFigQk</p> <p>NUMBER BONDS for 4 https://www.youtube.com/watch?v=vvKwQEkbJa8</p> <p>NUMBER BONDS to 5 https://www.youtube.com/watch?v=y1oa6o0fMKk</p> <p>NUMBER BONDS for 6 https://www.youtube.com/watch?v=wIyEWSoz9UY</p> <p>NUMBER BONDS for 7 https://www.youtube.com/watch?v=Ihl_9qjvWuc</p> <p>NUMBER BONDS for 8 https://www.youtube.com/watch?v=MOKb6hpbwB2U</p> <p>NUMBER BONDS for 9 https://www.youtube.com/watch?v=edQvjdtQR7A</p> <p>Number Bonds for 10 https://www.youtube.com/watch?v=ID9tjBUiXs0</p> <p>Check out YouTube there are loads!</p>		<p style="text-align: center;">ONLINE GAMES</p> <p>Hit the button https://www.topmarks.co.uk/maths-games/hit-the-button</p> <p>Top of the class http://www.snappymaths.com/addition/make10/interactive/make10totc.htm</p> <p>Ten Frame https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Ten-Frame/</p> <p>Number Bonds II https://www.mathplayground.com/number_bonds_II.html</p> <p>Number Bonds – Make ten https://www.mathplayground.com/number_bonds_10.html</p>	
<p style="text-align: center;">FOR GROWN UPS</p> <p>This video has lots of great strategies for making number bonds. These strategies can be used for all numbers not just 10. https://www.youtube.com/watch?v=PAV-gwoLTIs https://www.youtube.com/watch?v=Tf22rLxyx6E https://www.youtube.com/watch?v=uWjFOu5HJ5s</p> <p>TEN FRAME https://www.youtube.com/watch?v=RojFVU0Ik80</p>	<p>Want to know if you have all the equations? Whatever number you are working with there is always 1 more equation. Working with 3 – there will be 4 equations.</p>	<p>Check you have them all Put them in order starting with the lowest start number Equations for 3 $0+3=3$ $1+2=3$ $2+1=3$ $3+0=3$</p>	<p>You can flip it Remember once you have found one equation you can flip it to get another one (cummutative law) $3+0 = 0+3$</p>