

Teaching Strategies

N.B. It is crucial that your students be able to recognize instantly the numbers to 10 in both layouts before working through these worksheets and activities.

Exploring the individual numbers:

Addition pairs that make any number to 10

Using the 2 coloured ten frames or 2 colours of counters on a ten frame, helps your students to visualise the 2 numbers that together make that number. Another way to look at it is to see that two numbers are hidden inside that larger number.

For instance, visualize 7. Using 2 colours, it is easy to see that 7 has these numbers inside it.



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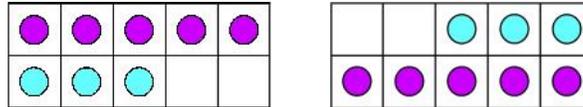
on 1, 2 and 3, but counting on any more than that requires a visual prompt, such as fingers, to keep a track of how many have been counted. E.g. Try counting on 5 from 6? You don't know when you have counted on the 5 unless you use fingers or the like to let you know how many you have counted. It is for this reason that counting on more than 3 is not recommended as a strategy.

Number lines are most efficient when used for finding the relationship between numbers that are close together. This number line shows 6 and 2 is 8.



Rotating the ten frames (turn around facts)

By rotating the ten frames students can see that it does not matter which way around the numbers are placed, they still add together to make the larger number. This prevents students from doubling up on remembering the numbers that go together. Once your students have learnt that 5 and 3 make 8, then 3 and 5 make 8 too.



For students to be able to visualise this it is important that they are able to recognise the ten frames upside down. Playing the dominoes and card games helps with this immensely as the cards are

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Take away is not specifically used in this week's activities or worksheets, but the missing addend is.