

Teaching Strategies - Number lines to 10

Why use a number line?

Number lines show the sequence of numbers and where they sit in relation to each other.

Unlike ten frames, which show the actual number of objects, number lines focus on order.

Number lines help students to find the number before and after easily, and they are an efficient way of teaching the difference between two close numbers as students can easily see the number of hops between the two numbers.

How to use a number line:

- Have your students point to the number on the line as they read out the number. This establishes one to one correspondence.

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- Don't let your students point to numbers at a different pace to that being counted. There is no benefit in students reading "six" when they are pointing to 7 or 5. In fact it is counter productive.
- Don't let your students count pointing to the space.
- Don't let your students finger cover the line or the number. This blocks out the very information that you want your students to learn. For this reason the number line used should have the numbers above the line, not beneath it.
- When counting on a number of hops from 7, make sure the students count "one" only after hopping one space from the 7. Many students want to count "one" as they place their finger on 7. Say to them. "Wait! You haven't gone anywhere yet. Now point to 7 again. Start on the 7 and hop one... two.."
- Once students are very familiar with counting on a number line with numbers on it, try them counting on a number line with the numbers. This makes the student visualize the numbers counted. www.profpete.com

Information regarding use of these worksheets

Remember: Use the worksheets **AFTER** you have used the Flash Cards as per the Teaching Strategies.

FOCUS worksheets: There are multiple daily **focus** worksheets that are recommended be completed; one set for each of the weekdays. W1 stands for Week 1.



W1— week 1

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W3 2
Week 3
Template 2

It is recommended that only the focus worksheet/s and one other worksheet is completed each day. **Do not** do all the worksheets. That would be very stressful for your child; rather, choose the best worksheet to suit your child's needs. If it takes two or more days to succeed at the focus activity for the day, then use the extra worksheets on those days. It is better to achieve, than push ahead and have your child fall behind later. Remember success is an important reward!

Use unused worksheets at a later date to revise In the weeks ahead.



Draw the dots in one colour and then add two more dots in a different colour to make a new number.

Two more than 8 is

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Two more than 5 is

Two more than 2 is