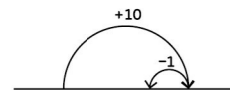


Activities for Home

Adjusting



Dear Families

This week at home we are learning to use facts we know already to work out calculations that we don't know yet. We call this strategy 'Adjusting'. Using what we know to work out what we don't yet know is a really important skill in maths. Here are a couple of examples of what we have learnt:

Adding 9: We have learnt that we can add 9 by first adding 10 and then adjusting. E.g.,

$$\begin{array}{rcl} 6 + 10 & = & 16 \\ 6 + 9 & = & 15 \end{array}$$

1 less *1 less*

Near Bonds to 10: We have learnt that we can solve some additions by noticing that they are one more than a bond to 10. E.g.,

$$\begin{array}{rcl} 3 + 7 & = & 10 \\ 3 + 8 & = & 11 \end{array}$$

1 more *1 more*

Your children have learnt other ways to calculate these over the last few weeks, but we've taught adjusting as it is such a useful strategy in maths. If you see your child stuck on calculations, or starting to count on their fingers to solve a calculation, talk to them about any facts they already know which could help them work out this new calculation. You don't need to be the expert – it is just about talking about numbers and different ways to work things out with your child.

Here are a couple of simple activities which use adjusting which you could do with your child:

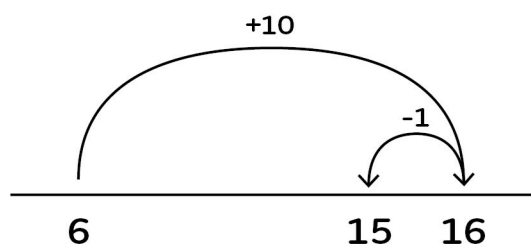
Bond to 10 or one more?

Say a pair of numbers – sometimes a pair which make 10 (such as 4 + 6) or sometimes a pair which are one more than this (such as 4 + 7). Your child simply has to shout out 'Bond to 10' or 'One more than a bond to 10'. Discuss the relationship with your child, and that the pairs which are one more than a bond to 10 will always make 11. "Yes that is right, 4 + 6 equals 10 so 4 + 7 must equal 11."

Add 10, add 9

Say a number from 2 to 9. Then help your child to first add 10 and then link this to adding 9. For example if you say 6, your child can then say "6 + 10 equals 16 so 6 + 9 equals 15."

You may want to write the additions down for your child, just like at the top of this sheet. At school we have also been using a number line to help us understand this:



$$\begin{aligned} \text{So, } 6 + 9 &= 6 + 10 - 1 \\ &= 15 \end{aligned}$$