

Marvellous Maths w/c 25th January

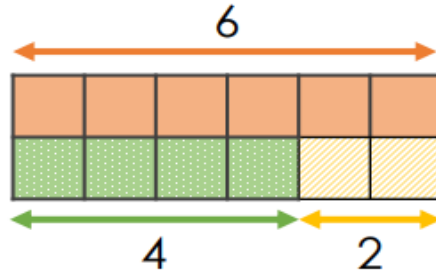
Brain boost: Year 1

This a problem solving activity that can be done on any day.

True or false? ✓ ✗

$$4 + 2 = 6$$

$$4 = 2 + 6$$



$$6 - 2 = 4$$

$$4 - 6 = 2$$

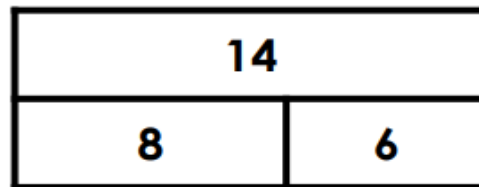
$$6 - 2 = 4$$

$$6 = 4 + 2$$

True or false? ✓ ✗

$$8 + 6 = 14$$

$$14 = 8 + 6$$



$$8 - 6 = 14$$

$$8 = 14 - 6$$

$$14 - 6 = 8$$

$$8 = 6 + 14$$

In addition to the maths lessons, your child needs to continue to their mathematical fluency for example recalling number bonds, counting in 2s etc. They can do this using their Numbots account:

<https://numbots.com/>

or through other games, by making flash cards etc.

We suggest 10 minute sessions every day.



Monday

Today we are continuing with subtraction. Please click on the link below and watch the "Subtraction crossing 10, part 1" lesson.

<https://whiterosemaths.com/homelearning/year-1/spring-week-4-number-addition-and-subtraction-within-20/>

Follow-up task:

Please ask your child to complete the subtraction crossing 10 follow up task on the website. There is also an **extension task** for those children who would like a challenge!



Tuesday

Please click on the link below and watch the "Subtraction crossing 10, part 2" lesson. The "pause" points match up to the follow up task below so stop the video where it recommends and ask your child to complete the corresponding questions. The video goes through the answers to question 4 so don't let it run straight through to the end!

<https://whiterosemaths.com/homelearning/year-1/spring-week-4-number-addition-and-subtraction-within-20/>

Follow-up task:

All groups complete the Year 1 Tuesday maths activity "subtraction crossing 10 part 2" found on the website. As yesterday, there is also an **extension task**.



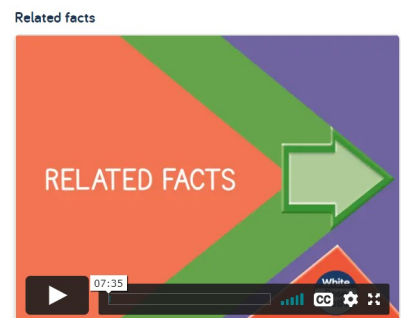
Wednesday

This lesson will focus on all the different number sentences (addition and subtraction) that can be generated from one original number sentence, and portraying these 'fact families' using tens frames, whole-part models and bar models. Please click on the link below and watch the "Related Facts" lesson. You will need the Wednesday Worksheet (see PDF on the website), and to pause to complete the questions when prompted on the video—remember it doesn't matter how long you pause for!

<https://whiterosemaths.com/homelearning/year-1/spring-week-4-number-addition-and-subtraction-within-20/>

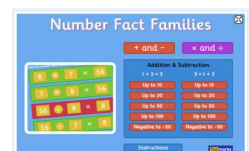
Note, as always, the language in this lesson: '+' can be add or plus, '-' can be take away, subtract or minus, and = is 'is equal to' or 'equals'.

If your child would like an **extension task**, please complete the "Wednesday Extension" sheet, to practise greater depth reasoning and problem solving questions.



This game combines the skills of recognising addition and subtraction pairs (select + and - 'up to 20')

[Number Fact Families - 6 to 11 year olds - Topmarks](#)



This slightly simpler one helps children to quickly recognise the addition number sentence that 'makes sense' with three numbers that are presented : [Water Rafting: Addition Fact Families](#)

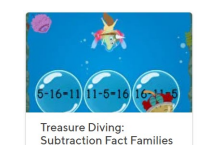
[Within 20 | Game | Education.com](#)



Water Rafting: Addition Fact Families Within 20

And this one does the same for subtraction sentences:

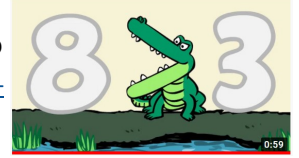
[Treasure Diving: Subtraction Fact Families Within 20 \(Game 1\) | Game | Education.com](#)



Treasure Diving: Subtraction Fact Families

Thursday

Before you start this lesson, please watch the (very catchy!) Greater Gator song, to remind your child about comparing numbers: [Number Gators \(Greater Than, Less Than Symbols Song\) - YouTube](#) (I've put it on the Video Page too)



This lesson will focus on comparing number sentences (addition and subtraction) by solving the question first then comparing the numbers in the answers, also by looking at what is the same and what different in each number sentence, to see if the comparison can be made without having to answer both sides. You might need your 1-20 numberline, and your tens frames to help your child visualise and manipulate the numbers and to "prove" their answers to themselves.

Please click on the link below and watch the "Compare Number Sentences" lesson. You will need the **Thursday Worksheet** (see PDF on the website), and to pause to complete the questions when prompted on the video—remember it doesn't matter how long you pause for!

<https://whiterosemaths.com/homelearning/year-1/spring-week-4-number-addition-and-subtraction-within-20/>



There is also an **extension task** for those children who would like a reasoning challenge!

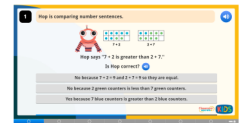
If your child needs more practise comparing numbers, here is the Greater Gator game:

[Less Than or Greater Than Game | Game | Education.com](#)



This really good short interactive game practises the same skills as in the lesson, but using numbers between 0 and 10; it is a game to play together, as it asks the child to explain their answer.

[Year 1 Compare Number Sentences Game | Classroom Secrets Kids](#)



Friday

Today's task is a mini-quiz to assess the children's understanding of the last two weeks' work—it has questions covering each of the stages the children have learnt. Please treat it as a game: your child should work as independently as possible (some may need help to read the questions); for those children who need support from you, that's absolutely fine—please ask them to be the teacher and teach *you* how to do the questions. You will need the **TWO Friday worksheets**, and also tens frames and/or a numberline if your child would find them helpful.

For follow-on activities, please revisit any of the online games from this week or last week to practise any skills that need to be honed.