





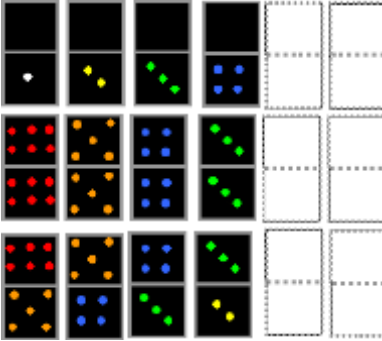
Halesowen C of E Primary School
Home Learning

DATE: 18.5.20-22.5.20

YEAR GROUP: Year 3 and 4

Maths Problem Solving Focus Week

THEME/FOCUS: Little Red Riding Hood

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<p>In the forest that Little Red riding Hood walks through there is a Deca Tree. A Deca Tree has 10 trunks,</p>  <p>and on each trunk there are 10 branches,</p>  <p>and on each branch there are 10 twigs</p>	<p>In the forest there are wolves and people.</p> <p>The wolves have 4 legs and the people have 2 legs.</p> <p>Whilst walking through the forest Little Red Riding Hood counted 36 legs.</p> <p>When she arrived at Grandma's house Little Red Riding Hood counted 12 more pairs of legs.</p> <p>Little Red Riding Hood thinks she saw 10 wolves and 4 people.</p> <p>What is Little Red Riding Hood's mistake?</p> <p>Convince me how many wolves and people Little Red Riding</p>	<p>For this activity, you'll need to work with a partner, (could be a parent or sibling)</p> <ul style="list-style-type: none"> • Together count from 1 up to 20, clapping on each number, but clapping more loudly and speaking loudly on the numbers in the two times table, and quietly on the other numbers. • Now clap the five times table together up to about 30, so this time you are clapping more loudly and speaking loudly on the multiples of five and quietly on the others. • If one of you claps the twos in this way and one of you claps the fives, at the same time, can you predict what you would hear?- (Think about this first- <u>do not do the activity straight away</u>) 	<p>Little Red Riding Hood made three cakes to take in her basket. The first cake was cut into $\frac{1}{2}$, the second cake was cut into $\frac{1}{3}$ s and the third cake was cut into $\frac{1}{4}$s.</p> <p>If Little Red Riding Hood shared one of her cakes with Grandma which cake would be best and why? What cake would Little Red Riding Hood share if she shared with Grandma and the Wolf? What about if she shared with the wolf, woodcutter and Grandma. Which cake would best now and can you explain why?</p> <p>EXT- Can you make and decorate a cake for you to share with your family members? How would you cut it to share it</p>	<p>Little red Riding Hood was playing dominoes with Grandma.</p> <p>Unfortunately, they ran out of dominoes.</p> <p>Complete the pattern for Grandma and Little Red Riding Hood.</p>  <p>Have a go and create your own dominoes. Grandma thinks there are only 5 more patterns. How many patterns can you create?</p>

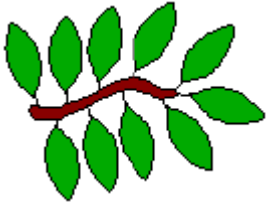


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and on each twig there are 10 leaves:



- One day a woodcutter came along and cut down one trunk from the tree.
- Then he cut off one branch from another trunk of the tree.
- Then he cut off one twig from another branch.
- Finally he pulled one leaf from another twig.

How many leaves were left on the tree then?

Hood saw throughout her journey.

Magic Box-

Grandma has got a magic box on the kitchen table.

The number inside the box is 56.

How many different ways could that number have been made inside the box?

What methods have you used?

- Which numbers would be quiet?
- Which numbers would be fairly loud and which would be very loud?

• Now try it - what did you hear?

Were you right?

Choose another pair of tables and repeat what you have just done and you can increase the number e.g.

- How about the 4's and 8's up to the number 50?
- Why not try the 3's and 9's up to 60?

Choose times tables that you are working on learning at the moment.

Each time predict what you will hear before you clap - which numbers will be loud, which fairly loud and which quiet?

equally? You could send us a photo of you and your family sharing the cake!

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EXT-

Can you find some rocks/stones and create your own domino set using either coloured pens or paint.



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