



Numeracy Home Learning

Week Commencing: 1/6/2020



Numeracy Timetable

Day	Activity	Focus
Monday	1	Number
	2	Your Maths teacher has set you work on Mathletics. Log onto www.mathletics.co.uk Your username and password should be in the front of your planner. If you cannot find it, email your maths teacher (see email addresses at the end of the page)
Tuesday	1	Time
	2	Your Maths teacher has set you work on My Maths. Log onto www.mymaths.co.uk Your username and password should be in the front of your planner. If you cannot find it, email your maths teacher (see email addresses at the end of the page)
Wednesday	1	Money
	2	If you haven't already, join www.themathsfactor.com . This is a now a free website which has been setup by Carol Vorderman. Have fun exploring! Choose your own activities!
Thursday	1	Shape
	2	Visit www.topmarks.co.uk Have fun exploring! Choose your own activities!
Friday	1	Measure
	2	Your Maths teacher has set you work on Mathletics. Log onto www.mathletics.co.uk Your username and password should be in the front of your planner. If you cannot find it, email your maths teacher (see email addresses at the end of the page)

Your Maths Teachers Email Addresses:

Karen.packham@carwarden.surrey.sch.uk

Dean.biddle@carwarden.surrey.sch.uk

Carolyn.lamare@carwarden.surrey.sch.uk

Michelle.black@carwarden.surrey.sch.uk

Monday: Number

Roman Numerals

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV

Can you identify the Roman Numerals as a number?

I = X =

VII = III =

V = IV =

IX = VI =

II = VIII =

Can you write these numbers as Roman Numerals?

1 = 8 =

10 = 3 =

5 = 7 =

2 = 6 =

4 = 9 =

Roman Numerals

Can you identify the Roman Numerals as a number?

I = IV =
 XII = XXII =
 XX = XL =
 L = XLI =
 XXX = VIII =

Can you write these numbers as Roman Numerals?

45 = 50 =
 10 = 32 =
 33 = 17 =
 29 = 6 =
 4 = 19 =

Can you write the next 3 symbols in the sequence?

X, XI, XII, XIII, , , .

VIII, VII, VI, , , .

XIX, XX, XXI, , , .

Complete the grid:

1		11		21	
2		12		22	
3		13		23	
4		14		24	
5		15		25	
6		16		26	
7		17		27	
8		18		28	
9		19		29	
10		20		30	

Tuesday: Time – write the times to the nearest 5 minutes



5:00





12:40





4:20





6:55



Wednesday: Money

Lewis went to the shop and bought a magazine for **£3.80**, and some biscuits at **£3.50**.

How much does he spend **altogether**?



Mia just loves swimming, and she bought some new goggles at **£7.40**. When she took them to the till, they came up at **half price**. How much did Mia's swimming goggles cost?



A One Direction CD costs **£8.40**, whilst Little Mix's CD costs **£5.70**. **How much more** does One Direction's CD cost?



Josh paid **£6.10** for **2 pairs** of new football socks.
How much does **each pair cost**?



Train tickets from Nottingham to Birmingham cost **£11.20** for a **single** journey.

How much would a return journey ticket cost?



Miss Mitchell bought **3 bags of sweets** to fill up Class 4's sweetie tin!
Each bag cost £2.30.

How much did Miss Mitchell spend on sweets?



A child's ticket to the cinema costs **£5.60**, whilst an adult's costs **£8.50**.

How much more does an adult ticket cost?



Hannah went shopping with **£10.10**, and bought some sunglasses for **£7.80**.

How much money did she have left?



Lewis went to the shop and bought a magazine for **£3.80**, and **2 packets of biscuits at £2.50 each**.

How much does he spend altogether?



Thursday: Shape – use a ruler to draw and measure accurately

Construct the following shapes as they are described.

You must use a sharp pencil and a ruler!

1. Draw a square with sides of length 5cm

2. Draw a rectangle with a width of 3cm and a length of 7cm

3. Draw a rectangle with a width of 20mm and a length of 50m

4. Measure the sides of the following rectangle and label them



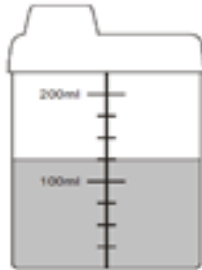
5. Draw an equilateral triangle with side length 3cm

6. Draw an irregular 8-sided shape and measure the sides. Write your answer in both in cm and mm

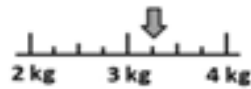
Friday: Measure

1. Read the following scales, make sure you give the correct unit (litres/millilitres/grams/kilograms/degrees centigrade):

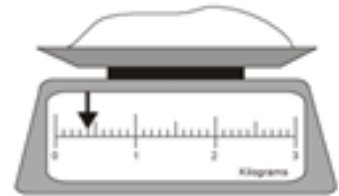
a)



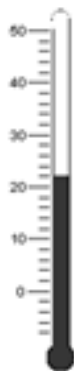
b)



c)



d)



e)



f)



g)



h)



i)



Challenge: Which of these pieces of equipment can you find at home? Can you show the same measurements on any of them?

End of week Challenge:

Take Three Numbers

Choose any two odd numbers and one even number, such as 3,5 and 2.
How would you like to represent these numbers?

XXX

XXXXX

XX

Try adding them together and draw/make the representation of their sum.

XXXXX

XXXXX

What do you notice about the answer?

Look closely at your model.

Would it work in exactly the same way if you used different numbers but still two odds and one even?

Can you use your example to prove what will happen every time you add two odd numbers and one even number?

See if you can explain this to someone else. Are they convinced by your argument?

Once you can convince someone else, see if you can find a way to show the argument on paper. You might draw something or take a photo of things you have used to prove that your result is always true from your example.