Year 5 - Home Learning Activity Grid 3

Please use the activity grid to engage your child with home learning. There are also a number of website suggestions on our school website, under 'Home Learning' to use alongside this grid. Please find additional materials to support this grid on the pages below.
A new grid will be uploaded to the website each week.

English Activities	**TASK 1** Willy Wonker has put out a call for new Easter egg designers to work for him! As such, I want you to write a **job application letter** as to why you should be Willy Wonker's new chocolate egg designer. Remember this must be **formal** (so no contractions, no dashes, formal sentences must be used, no chatty, informal style). See below for a check list! **Also tell him about your new design from Home activities task 1!**	**TASK 2** Reading comprehension time! Find out the definitions and word classification for the words below. e.g. *Shadow (noun) a dark area or shape produced by a body coming between rays of light and a surface.* Then read the text 'The magic city' and answer the comprehension questions! **Super challenge**: Change the text so that it reads in first person, using pronouns like I, my, me.	**TASK 3** Write **instructions for making your new Easter egg** design! With your Easter egg design for *Home activities task 1*, I want you to write clear and detailed instructions on how to make your design! Scroll down for things that you need to include!
Maths Activities	**TASK 1** **The mystery of the Easter bunny costume!** Your task is to solve the five clues and use the character descriptions of all the people who have a connection with the village and the building the villages meetings are held in, to work out who the contemptible costume wrecker is! Good luck!	**TASK 2** **How many eggs?** • Peter, Melanie, Amil and Jack received a total of 38 chocolate eggs. • Jack had one less than Peter. • Peter had 5 less than Melanie. • Amil had half as many as Melanie. • Peter had 2 more than Amil. **How many eggs did each person have?** **Once you have worked it out, look at the answer on the link below:** https://nrich.maths.org/939/solution	**TASK 3** Divisions with remainders! Scroll down and complete the challenges below! Remember to use the bus stop method! $$1\ 3\ 4\ 1\ r3$$ $$4\ |\ 5\ ^13\ ^16\ 7$$ **Super challenge**: Can you find a 6 digit number that has a remainder of 1, 2, 3, 4, 5, 6, 7, 8 and 9?
Home Activities	**TASK 1** Show Willy Wonker what an EGG-traordinary egg designer you are and design one! Create a detailed design (with labels) thinking about the following: • What ingredients will you use? • What flavours do you want? • What's extra special about it? • What might be inside? • Who is it for? • How is it made?	**TASK 2** **Joyeuses Pâques (Happy Easter!)** I want you to research what Easter time is like in France. Look at the following: • How do they celebrate? • What do they eat? • What is Mardi Gras? • Why are les cloches volantes (the flying bells) important? • What is poisson d'Avril? • What is he same and what is different?	**TASK 3** **Easter anagrams** How quickly can you solve these anagrams all related to Easter? EREATS GEGS THO SSCRO NUBS RISPGN CLACHOOET EREATS GGE UNTH CIKHC NESUATERYN **Super challenge:** Once you have solved these, make some of your own up and text your family with them!

English Task 1 – Application letter to be an Easter egg designer!

Checklist

Does your formal letter include...	✓
the sender's address?	
the address of the recipient?	
the greeting 'Dear Sir/Madam' if you dont know the recipient or 'Dear Mr/Mrs/Miss (surname) If you know the recipient?	
an introduction?	
formal sentence starters such as 'I am writing to inform you' or 'I would like to express'?	
details organised into paragraphs?	
a conclusion saying what needs to happen next?	
'yours faithfully' if you don't know the recipient or 'Yours sincerely' if you do know the recipient when you have finished the letter?	
your name at the end?	

English Task 3 – Instructions to make your own Easter egg!

Checklist!

Remember to use:

- imperative (bossy) verbs/command sentences
- adverbs for time/lists (firstly. then, etc.)
- bullet points,
- what to do subtitle
- sequential,
- you will need list
- additional information in boxes
- diagrams and labels.

English task 2- reading comprehension

The Magic City

Philip stood in the shadow of the dark arch and looked out. He saw before him a great square surrounded by tall, irregular buildings. In the middle was a fountain whose waters, silver in the moonlight, rose and fell with a gentle splashing sound. A tall tree, close to the archway, cast the shadow of its gnarled branches across the path. He listened but there was nothing to listen to, except the deep night silence and the changing, soft sound the fountain made.

His eyes, growing accustomed to the dimness, showed him that he was beneath a heavy domed roof supported on large square pillars and, to each side of him, he saw black, opaque doors, firmly fastened. Philip did not exactly feel frightened, but he did not exactly feel intrepid either.

Super challenge: Change the text so that it reads in _first person_, using pronouns like I, my, me.

Find out the meaning of these words (using a dictionary or online dictionary), writing what type of word they are:

irregular
gnarled
accustomed to
dimness
opaque
intrepid

Now read and answer the following:

1. Explain why Philip did not exactly feel frightened.
2. Explain why Philip did not exactly feel intrepid either.
3. What impression is the reader given about the setting of this text? Use evidence from the text to support your answer.
4. Do you think that Philip will choose to explore? Explain your answer.
5. Why do think the doors were locked? What was behind them?

Maths Task 1 – Division with remainders!

Answer these:

4613 ÷ 5

2575 ÷ 3

9863 ÷ 4

1929 ÷ 4

5182 ÷ 5

A farm has **1523** potato plants. The potatoes are planted in rows of **6**.

Freddie the farmer says he needs 253r5 rows for the potatoes.

Do you agree? Explain your thinking.

Using the last question as an example, write your own maths story where the remainder has to be rounded up. Then, write another maths story where the remainder has to be rounded down.

A chocolate factory has made 3208 chocolate eggs. They pack them in trays of 6.

How many trays are needed?

How many full trays will the factory produce?

How many more eggs will be needed to fill the final tray?

Choose a divisor and a dividend from the lists below. Predict whether your answer will have a remainder or not.

Divisor	Dividend
3	1435
4	2748
5	3750
6	4206
	7825
	2324

Can you explain your reasons? Carry out a short division to check each prediction.

Maths Task 2 – Easter investigation: the mystery of the Easter bunny costume!

An annual village Easter bunny egg hunt is about to start. Sam, the local sweet shop owner, always dresses up as the Easter bunny, and hops through the village hiding eggs for the children to find. It is always a wonderful occasion and the children look forward to it very much.

However, there is a problem this year. Sam has gone to the cupboard where the costume is stored and to his horror, he has discovered it has been cut up into pieces!

Your task is to solve the five clues and use the character descriptions of all the people who have a connection with the village and the building the villages meetings are held in, to work out who the contemptible costume wrecker is! Good luck!

Name	M/F	Age	Hair Colour	Favourite crisps	Owns a dog
Kim Hadley	F	61	black	spicy beef	yes
George Dawes	M	57	grey	smoky bacon	yes
Brenda Girder	F	71	white	cheese/onion	no
Connie Booth	F	56	grey	salt/vinegar	no
Terry Jones	M	28	black	Worcester sauce	yes
Kath Ecclestone	F	33	blonde	cheese/onion	yes
Graham Tone	M	49	black	ready salted	no
Lindsay Cramp	F	29	black	prawn cocktail	yes
Summer Twell	F	22	brown	cheese/onion	no
Dawid Gierak	M	62	grey	pickled onion	yes
Peter Grimes	M	44	brown	spicy beef	no
Wen Li	F	60	grey	ready salted	yes
Hannah Belling	F	38	blonde	cheese/onion	no
Trish Plimsoll	F	61	grey	cheese/onion	no
Enid Gardner	F	78	white	smoky bacon	yes
Usman Hussain	M	66	black	pickled onion	no
Doris Jarre	F	69	black	prawn cocktail	no
Monika Kilmczak	F	37	blonde	ready salted	yes
Derrick Stanley	M	81	bald	spicy beef	no
Sue Guest	F	63	grey	ready salted	yes
Simone Bates	F	70	grey	prawn cocktail	yes
Fenella Pitt	F	65	grey	cheese/onion	yes
Steph Hawes	F	47	blonde	pickled onion	yes
Helena Wickers	F	39	brown	smoky bacon	no
Sharon Charlake	F	43	brown	spicy beef	yes
Jessica Mathers	F	32	red	Worcester sauce	no
Zoe Kuiper	F	38	black	cheese/onion	yes
Tina Flame	F	46	brown	salt/vinegar	yes
Luke Warm	M	69	grey	salt/vinegar	no
Belinda Tower	F	72	grey	cheese/onion	yes

Egg-citing Roman Numerals

See if you can work out which of these Roman numerals are correct and which are not. If there are more correct numerals, than incorrect, the costume wrecker is male. Put a circle around the correct answer.

XVIII = 16   XCIV = 84   XXIV = 24   LXXIV = 64

LXVI = 66   LXXXIX = 89   XXXV = 25   LXVIII = 69

XL = 40

Hop to it!

Help the Easter bunny work out which letters are needed to crack the code. Use the number from the bottom square and match it to an answer in the multiplication square. Use the letter you find there to solve clue 2.

	12	11	10	9	8	7	6	5	4
12	Z	H	W	B	🥚	🥚	A	R	E
11	🥚	U	🥚	Q	%	I	N	J	B
10	W	K	🥚	S	🥚	🥚	R	🥚	🥚
9	&	🥚	S	L	!	F	Z	X	O
8	C	🥚	T	🥚	D	?	E	@	P
7	🥚	I	#	F	+	G	🥚	H	🥚
6	A	N	R	🥚	E	F	O	🥚	Y

72	49	60	48	24

132	72	77	60

120	72	90

63	36	121	66	64

Clue 2: _____

What's the Decade?

Follow the instructions and work out the tens number in the age of the culprit!

$18 \times 10 =$ ▢ →(÷ 6)→ ▢ →(+ 400)→ ▢

▢ ↓(× 2)

▢ ↓(+ 1000)

▢ ↓(− 100)

▢ ↓(− 1000)

▢ (÷ 5) ↑

▢ (− 8) ↑

▢ ←(find half)― ▢ ←(÷ 10)― ▢

Clue 3: The culprit is in their _____

Mix it up!

Work out the anagrams to spell numbers in words. Then use the table below to solve the clue.

VIFRO FETY   ROUNDHEAD FUNDER NO   THEY EGG HIT I

WEYNT VESTO   DEHYDRATION TUFTS HEAVEN WENT

SHIRT TYXI   VEND FUR NONE NO STAYED HERD

TINNEY EN IN

89 crisps	5124 discovered	2035 went
5023 found	45 a	147 floor
72 lead	38 behind	401 was
112 lost	88 dog	67 hair
99 the	291 salt	36 on

Clue 4: _____

🥚🥚🥚 Clue 5 🥚🥚🥚

What's the flavour?

A crisp wrapper was found near the costume cupboard. Work out the answers to the calculations below, then spell out the letters to identify the flavour of crisps and solve the last clue!

A	B	C	D	E	F	G	H	I	J	K	L	M
5	92	24	72	18	12	33	90	3	81	400	30	20

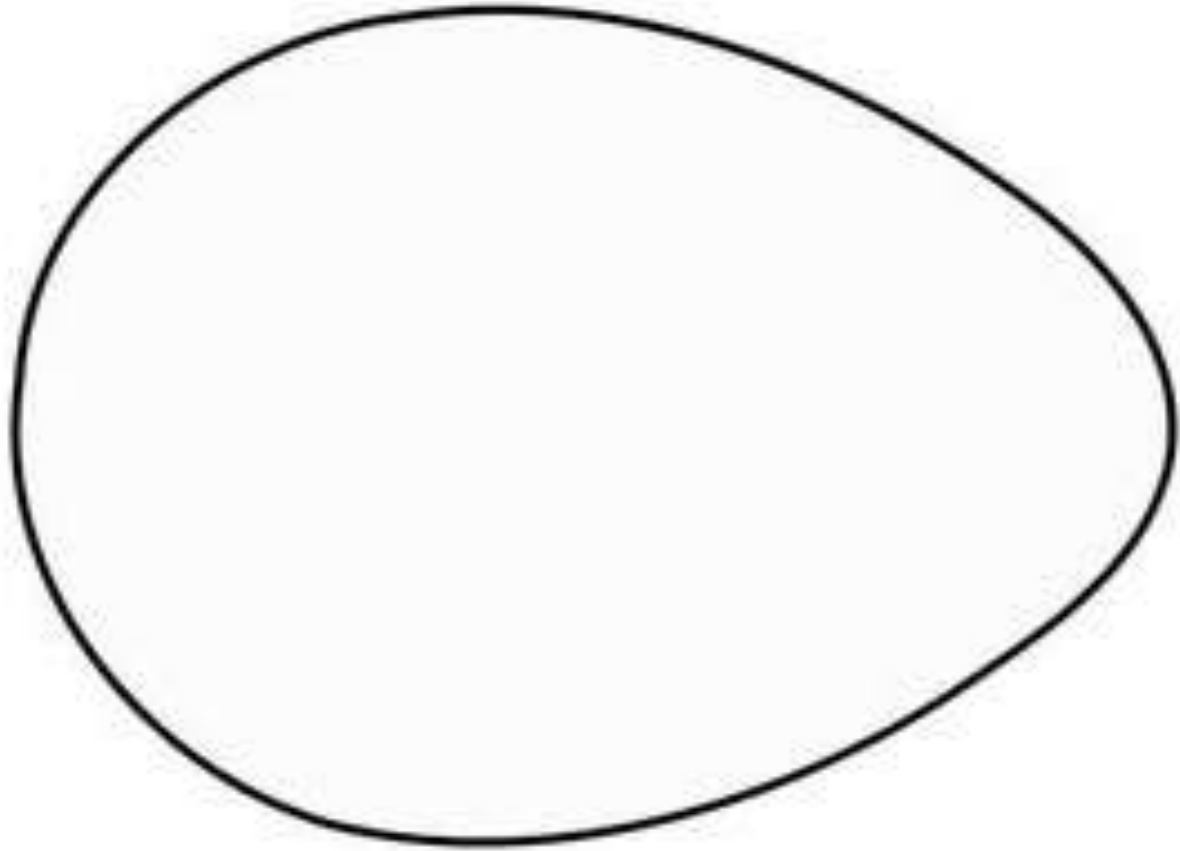| N	O	P	Q	R	S	T	U	V	W	X	Y	Z
40	6	15	4	10	500	82	26	44	100	19	50	1

1. How many minutes are in 1 1/2 hours?

2. If one side of a square is 4.5m long, what is the perimeter of the shape?

3. What is one tenth of 400?

4. 35 days make how many weeks?

5. 0.5 litres is how many ml?

6. How many 50p coins are there in £3?

7. 9 x 8 = ?

8. There are 400 apples at the market. If they are sorted into ten equal sized boxes, how many are in each box?

9. There are 233 tiny tropical fish in a large tank. Ginny buys 215 of them. How many are left?

10. 180 ÷ ☐ = 30

11. How many hours are in 2400 minutes?

12. 6 x 3 = ?

13. There are 80 identical books. In a pile, they measure 24cm tall. How wide is each book in mm?
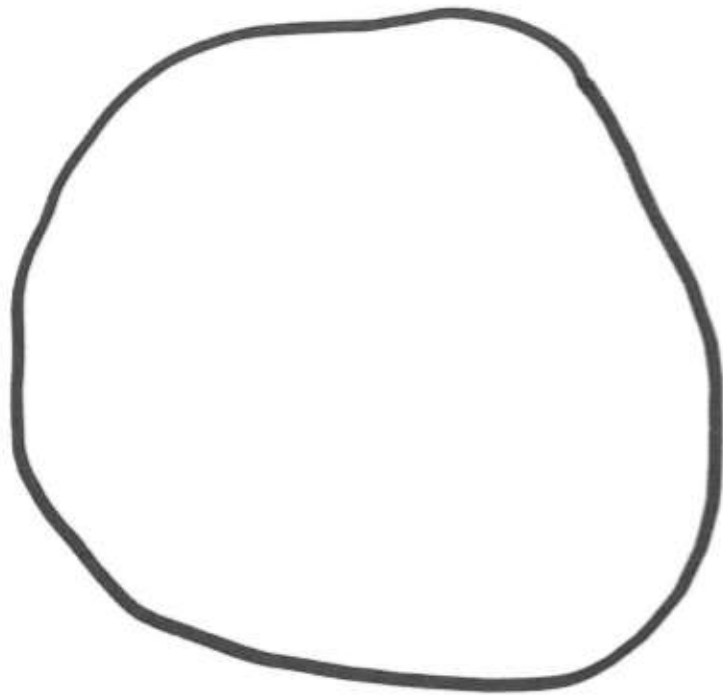
14. 4/7 of 42 = ?

Clue 5: _____

_____

Have you solved the mystery?

The Easter bunny costume wrecker is _____

Maths Task 3 – Design your own Easter egg!

COLOUR OUTSIDE
THE LINES

A page of good thoughts