Online learning for pupils 19.12.25

Year Group	Tasks
7	**MATHS & NUMERACY** 1.) Sparx maths: pupils to complete the online resources on both platforms accessed via their gmail username and passwords **Sparx Maths:** www.sparxmaths.com 2.) TTRS - Timetables Rockstar - pupils can log in to the accounts and complete 'battles' with their rockstar **LLC** 1.) Sparx Reader: pupils to complete the online resources on both platforms accessed via their gmail username and passwords. **Sparx Reader**: www.sparxreader.com 2.) Cymraeg - Learn Welsh with lessons that work - Duolingo **SCIENCE & TECHNOLOGY** 1.) Complete the following Seneca assignment: https://app.senecalearning.com/dashboard/class/vuaq2a1ebz/assignments/assignment/59ece776-350f-4a53-adf1-79f04bcf4121 **HUMANITIES** 1.) Identity of Place - Identity of place - KS3 Humanities Geography - BBC Bitesize
8	**MATHS & NUMERACY** 1.) Sparx maths: pupils to complete the online resources on both platforms accessed via their gmail username and passwords **Sparx Maths:** www.sparxmaths.com 2.) TTRS - Timetables Rockstar - pupils can log in to the accounts and complete 'battles' with their rockstar **ENGLISH** 1.) Sparx Reader: pupils to complete the online resources on both platforms accessed via their gmail username and passwords. **Sparx Reader**: www.sparxreader.com 2.) Cymraeg - Learn Welsh with lessons that work - Duolingo **SCIENCE** 1.) Complete the Seneca assignment: https://app.senecalearning.com/dashboard/class/vuaq2a1ebz/assignments/assignment/59ece776-350f-4a53-adf1-79f04bcf4121 **HUMANITIES** 1.) Identity of Place - Identity of place - KS3 Humanities Geography - BBC Bitesize

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MATHS & NUMERACY

1.) Numeracy challenge

Below is the recipe for a Big Mack burger.
If I have nine whole buns, nine cheese slices, eight tomato slices and ten patties, what is the maximum number of Big Mack burgers I can make?

TOMATO
PATTY
CHEESE
PATTY
BUN

These are all the UK coins in order of size from smallest to largest. How many stay in the same position when they are laid out in value order from lowest to highest instead?
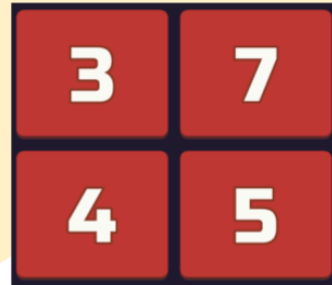
24 Game Rules
Make 24 using + - x ÷
You may only use each number once but you must use all 4 numbers.
You **cannot** put numbers together so if you have a 6 and a 3, you could get 9 (6 + 3), 3 (6 − 3), 18 (6 x 3) or 2 (6 ÷ 3) but **cannot** make 63 or 36.

3 7
4 5

2.) Complete the Divided Islands activity from BBC Bitesize
[Play the Divided Islands Maths Game - KS3 and GCSE maths - BBC Bitesize](#)

LLC

1) Literacy Challenge

Imagine you live in a world with only **20 words.** You can use these 20 words as much as you want, but you **cannot use any other words** at all.

Write a list of the 20 words you'd pick.

BERTIE the Outside-the Box Bird

"Think quirky. Fly differently. Solve brilliantly."

Challenge!
Write a paragraph using *only* your 20 words!
Make sure your paragraph has at least five sentences.

2) Literature activity on 'A Christmas Carol' - [A Christmas Carol by Charles Dickens - KS3 English - BBC Bitesize](#)

SCIENCE & TECHNOLOGY

1.) Complete the Atomic Labs experiments
[Play the Atomic Labs Science Game - Free Online KS3 Science Experiment Games - Year 7, 8 and 9 Virtual Lab - BBC Bitesize](#)

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1.) **Please visit your subject Google Classrooms to complete any outstanding assignments or tasks.**

2.) Literacy Challenge:

Find a Word!

Rules

You can use each letter once only.

You cannot include proper nouns.

A	I	Y	P
H	D	S	R
T	U	F	L
M	N	G	E

Points

3 letters = 1 point

4 letters = 1 point

5 letters = 2 points

6 letters = 3 points

7 letters = 5 points

8 letters = 9 points

Challenge

Using the letters above, can you find:

a verb?

an adjective?

an adverb?

a common noun?

What Am I?

Can you figure out the word, using the letters above to help you?

I am an eight-letter word.

I am an adverb.

I am a desire or need for food.

I am _____.

CONNIE the Conundrum Crow

"Crack the clues, stretch your brain, and fly through literacy!"

3.) Numeracy challenge:

2026 CHALLENGE

Use the digits in 2026 (2, 0, 2 and 6) exactly one time each along with any mathematical symbol or operation of your choosing to create expressions equivalent to the numbers between 1 and 100.

1 =	26 =	51 =	76 =
2 =	27 =	52 =	77 =
3 =	28 =	53 =	78 =
4 =	29 =	54 =	79 =
5 =	30 =	55 =	80 =
6 =	31 =	56 =	81 =
7 =	32 =	57 =	82 =
8 =	33 =	58 =	83 =
9 =	34 =	59 =	84 =
10 =	35 =	60 =	85 =
11 =	36 =	61 =	86 =
12 =	37 =	62 =	87 =
13 =	38 =	63 =	88 =
14 =	39 =	64 =	89 =
15 =	40 =	65 =	90 =
16 =	41 =	66 =	91 =
17 =	42 =	67 =	92 =
18 =	43 =	68 =	93 =
19 =	44 =	69 =	94 =
20 =	45 =	70 =	95 =
21 =	46 =	71 =	96 =
22 =	47 =	72 =	97 =
23 =	48 =	73 =	98 =
24 =	49 =	74 =	99 =
25 =	50 =	75 =	100 =

4.) Revision is KEY -
WJEC Revision resources:

https://www.wjec.co.uk/home/student-support/revision/revision-resources/
- Create a revision timetable for your summer exams.
- Subject knowledge organisers can be found here

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1.) ***Please visit your subject Google Classrooms to complete any outstanding assignments or tasks.***

2.) ***Literacy challenge***

There are many problems facing the UK today. Some of these include pollution, homelessness, and crime.

What do you think is the biggest problem our country faces?

How would you solve it?

BERTIE
the Outside-the
Box Bird

"Think quirky. Fly differently. Solve brilliantly."

Challenge!
Write a letter the Prime minister explaining your concerns.

3.) ***Numeracy challenge:***

2026 CHALLENGE

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11 =	36 =	61 =	86 =
12 =	37 =	62 =	87 =
13 =	38 =	63 =	88 =
14 =	39 =	64 =	89 =
15 =	40 =	65 =	90 =
16 =	41 =	66 =	91 =
17 =	42 =	67 =	92 =
18 =	43 =	68 =	93 =
19 =	44 =	69 =	94 =
20 =	45 =	70 =	95 =
21 =	46 =	71 =	96 =
22 =	47 =	72 =	97 =
23 =	48 =	73 =	98 =
24 =	49 =	74 =	99 =
25 =	50 =	75 =	100 =

4.) Revision is KEY -

- WJEC Revision resources:
  https://www.wjec.co.uk/home/student-support/revision/revision-resources/

- Create a revision timetable for your summer exams. **Guidance:** How do I make a revision timetable for my exams? - BBC Bitesize

- Create a mindmap of revision for one of the following subjects, ready for the summer.
  Maths knowledge organisers
  English language organisers
  Applied science organisers
  Biology organisers
  Chemistry organisers
  Physics organisers
  Additional subject knowledge organisers can be found here