Year 2 Home Learning

Below is a list of learning you can do at home. You will find the resources for many of the activities attached, and can use the workbook to record your learning.
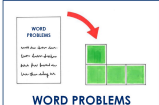
English Reading

Daily Reading	Read a book of your choice and record your reflections in your reading log.
Book Review	Use the template to create your own report for a book you have read.
Book Prediction	Choose a book you haven't read before. Can you predict what you think might happen in the book based on the front cover? Justify your thinking with evidence.

English Writing

Diary Writing	Keep a daily journal of your time at home and of your learning. Remember to include the events, and your thoughts and feelings.
Story Writing	Use the story map to plan your plot, characters, and setting. Then write your own story including descriptive language, adverbs, varied openers, adventurous vocabulary, conjunctions and a range of punctuation. Now can you tell your story out loud to an audience?
Recount writing	Create a recount of a book you have read or a film you have watched from the viewpoint of the main character. Make sure to include: first person, emotive language, noun phrases, 5 senses, adverbs, contractions.
Uplevelling and Editing	Recap GPS features learnt and see if you can "uplevel" examples in real-life magazines, newspapers, reports, websites etc. Can you find and uplevel: - Noun phrases - Varied sentence openers - Adverbs - Contractions - Conjunctions - Varied punctuation
Speech Writing	Write a speech on a topic of your choice. Include your point of view, and what evidence you will use to back it up. Can you deliver your speech to an audience, or record a video to send to your teacher?

Maths

Times Tables Rockstars	Take part in daily times tables competitions, or test your speed by answering multiplication and division questions on https://ttrockstars.com
Four Operations Flashcards	Create your own flashcards for the four operations. Put the question on one side, and the answer on the back. Can you quiz yourself, or have a friend quiz you? **Addition** – 2 digit add 2 digit up to 100(with carrying) **Subtraction** – 2 digit take away 2 digit up to 100(with exchanging) **Multiplication** – 2,3,5 and 10 times tables **Division** – 2,3,5 and 10 times tables
Arithmetic	Practice your arithmetic skills by completing the tests and arithmetic worksheets.
Fractions	Complete the fractions investigations using your knowledge of quarters, thirds, halves and wholes. Remember to use the key vocabulary: Numerator, Denominator
Maths Story	Create your own Maths stories using the operations of your choice. Could you quiz yourself, or a family member?
Word Problems	Create your own word problems for the operations of your choice. Could you quiz yourself, or a family member?

Science

STEM Project: London Eye	Can you create your own ferris wheel based on the London Eye? What materials will you use? How can you get your ferris wheel to spin? Remember to follow the scientific process for a STEM project: - Ask – identify the needs and constraints - Research – research the problem - Imagine – develop possible solutions - Plan – select a promising solution - Create – build a prototype - Test – test and evaluate the prototype - Improve – redesign as needed Record each stage of your project in your workbook, either by writing a reflection, drawing a picture, or by sending a video to your class teacher.
Shelter building	Can you design a shelter to protect the characters from 'The Journey' while they are travelling? Create a blue print and label it with the features you will need to protect from water, wind and heat. You can carry out testing on materials from around your home and record your findings in your workbook.
Science Investigations	Find an exciting experiment to complete on the website: https://sciencebob.com/category/experiments/ https://sciencefun.org/kidszone/experiments/ Keep track of your findings, results, and reflections in your workbook, or by sending photos or videos to your class teacher.

History/Geography

Historical Figure Biography	Research information on a famous person from the past. Why are they important to you, and to our world today? What were their accomplishments? Write a biography about the famous person. Ensure to include: - Early Life - Key moments or accomplishments - Why they are famous - Why they are significant in our world today
Victorians	Conduct your own research on the Victorians. How will you present the information you have learnt? Consider creating a presentation, portfolio, video, blog, diorama, etc. Key questions for you to consider are: *What was life like for children in the Victorian era? What was school like for Victorian children? What was life like in Greenwich?* *What did Victorian homes look like and how do they compare with modern day homes?* *What technology do you have in your home now? What would Victorians have used instead?* *What was healthcare like in Victorian times and how does it compare with today?* *Who was Florence Nightingale and why is she historically significant?* *Can you name any famous Victorian inventors? What did they invent and what was their impact on the modern world?*

Art/DT

Drawing	Set up some random objects from around your house to create a still life scene. Can you use lines and shapes to draw what you see and use mixed media to add colour and texture? Use Francesca Senna as inspiration for your drawing.	
Collage/Sculpture	Collect recycled materials from around your house and create your own collage or sculpture. Could you use a book or artist as inspiration?	

PE

Circuit sessions	Pick **6** exercises to complete (including a rest break). These should be varied and focus on a range of muscle groups (e.g. don't just do legs!)
	Warm up, by doing each exercise for **1-minute** focusing on your technique and getting the movement correct (clips on youtube can help with this).
	Once you are feeling warm, perform each activity for two minutes (with minimum break) you should be aiming to perform each action to full effort, without losing your form.
	Cool down with gentle stretching of the whole body
	You can increase difficulty by adding weight (e.g. 2 tins of food) or by using a taller chair for some of the exercises
	Ensure you risk assess each area for any possible hazards and ensured that you are in good physical health to do so. If you are feeling unwell or displaying symptoms please consider rest.
Online resources	Cosmic Yoga is an online platform for yoga, mindfulness and relaxation. https://www.youtube.com/user/CosmicKidsYoga?pbjreload=10
	Supermovers BBC combines the different topics to specific actions and dances to get people moving https://www.bbc.co.uk/teach/supermovers
	The body coach has 5-Minute Kids Workouts and adult centric circuit sessions. Look out for his healthy recipe ideas also Youtube Body Coach 5 minute Kids Workout
	Nuffield Health for Kids is a registered health provider in the UK who have created a small exercise video that can be done daily https://www.youtube.com/watch?v=aHVR2FnTpdk
	GoNoodle creates dances and movements to some of the most random topics imaginable! https://www.youtube.com/user/GoNoodleGames

My Book Review

Title: _____ Author:_____

Write a summary of your book:

I enjoyed… because…	I disliked… because…
I would/would not recommend this book… because…	I rate this book…. because…

Plan a diary entry

Introduction: _____
_____
_____
_____
_____
_____

Feelings

Thoughts

Feelings

Thoughts

Feelings

Thoughts

Main:
_____
_____
_____
_____
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Ending: _____
_____
_____
_____
_____

KS1 Story Mountain

Main Character

Vocabulary
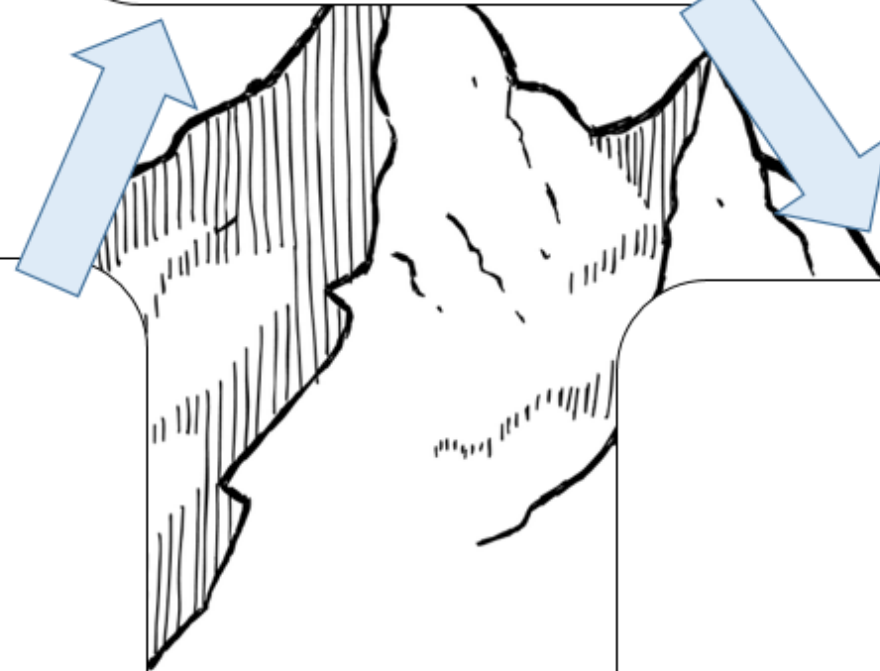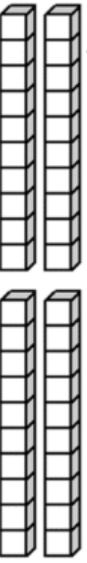
Story Map Template

Column 1
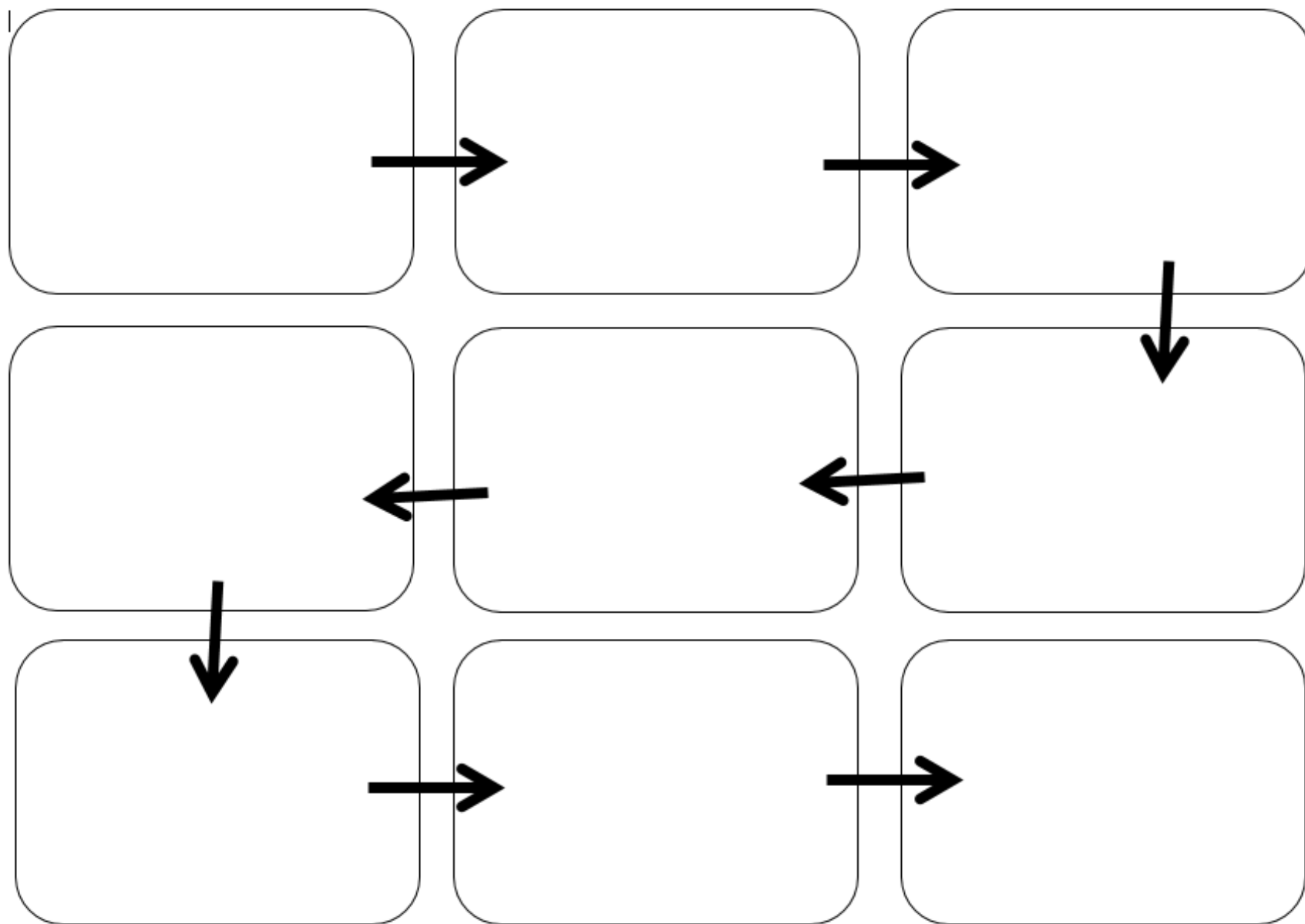
1) 3 + 9

2) Write down the next number:

18 19 20 21 22 23 24 ___

3) How many sides?

4) 11 – 5

5) Which number is missing from the number line?

17 18 19 20 21 [ ] 23

6) How many fish?

7) What number comes **after** 26?

8) How much money?

p

9) I have 10 bananas. I eat 3 of them. How many are left?

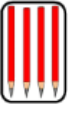10) Sally has 5 cakes. She makes 2 more. How many does she have now?

11) Draw the next shape in the sequence.

△ □ △ □ △ □

12) Which number comes **before** 18?

Column 2

1) 10 plus 10

2) Write down the number thirty four.

3) How many corners?

p

4) 20 + 6 = ___

5) How much money?

6) What is the missing number?

| 18 | 17 | | 15 | 14 | 13 |

7) Circle the biggest number.

36   51   29   43   18

8) What number comes **before** 70?

9) Frazer eats 8 pies. He eats 4 more. How many has he eaten?

10) Write am or pm in the correct place

7:30 in the morning   = 7:30 ___

4:20 in the afternoon = 4:20 ___

11) I have 12 toy cars. I lose 4 of them. How many do I have left?

cars

12) A beetle has 6 legs. How many legs do 2 beetles have?

legs

Left sheet

1) 10 plus 8

2) Circle all the even numbers.

    17   15   8   9   11   10

3) What is the next number:

    5, 7, 9, 11, 13, ___

4) Write the number forty-five.

5) Tick the triangle.

6) How much money?

    p

7) I have £12. I spend £8. How much money do I have left?

8) 13 subtract 0

9) What number comes after 69?

10) A toy car costs £7. How much do two cars cost?

    £

11) The date is 26th June.

What was the date three days ago?

    June

12) How many cubes?

Right sheet

1) 16 − 4

2) Half of 8

3) Which month comes after May?

    January   March   June   October

4) Tick the object below which has the same shapes as this:

5) How much money?

    p

6) How many sides does this shape have?

7) Circle the 3rd number in the list below:

    52   27   18   46   50   14   71

8) Bob is 3 years older than Sam. If Sam is 11 years old, how old is Bob?

9) A pack of pencils has 4 pencils. I buy 3 packs. How many pencils?

10) Write down the number one hundred and seventy eight.

11) What is the next number: 2, 4, 6, 8, 10, ___

12) Today is Friday. What will the day be in 2 days' time?

    Saturday   Monday   Thursday   Sunday

Y2 Fraction Investigations

Halving paper
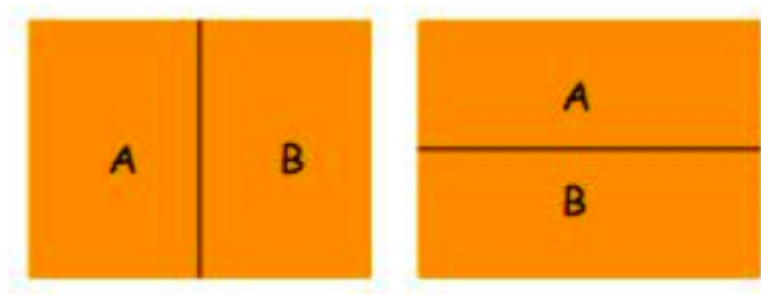
How many different ways can you fold a piece of paper in half? How can you tell that it is split in half equally?

You can start by folding the paper like in the image above. How many other ways can you find?

Now can you repeat the process finding thirds and quarters?
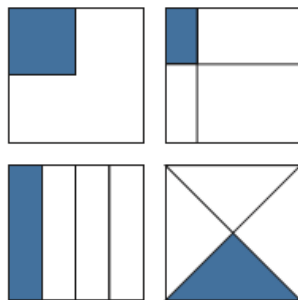
Fraction colouring

Colour in $\frac{1}{4}$ of each of these grids in a different way. Try to think of an unusual way.
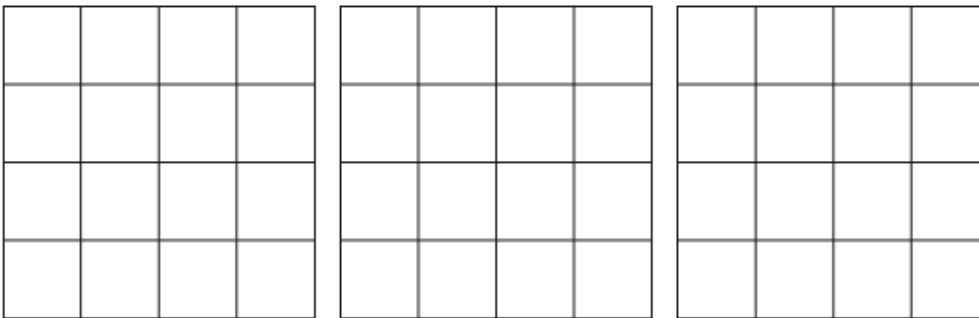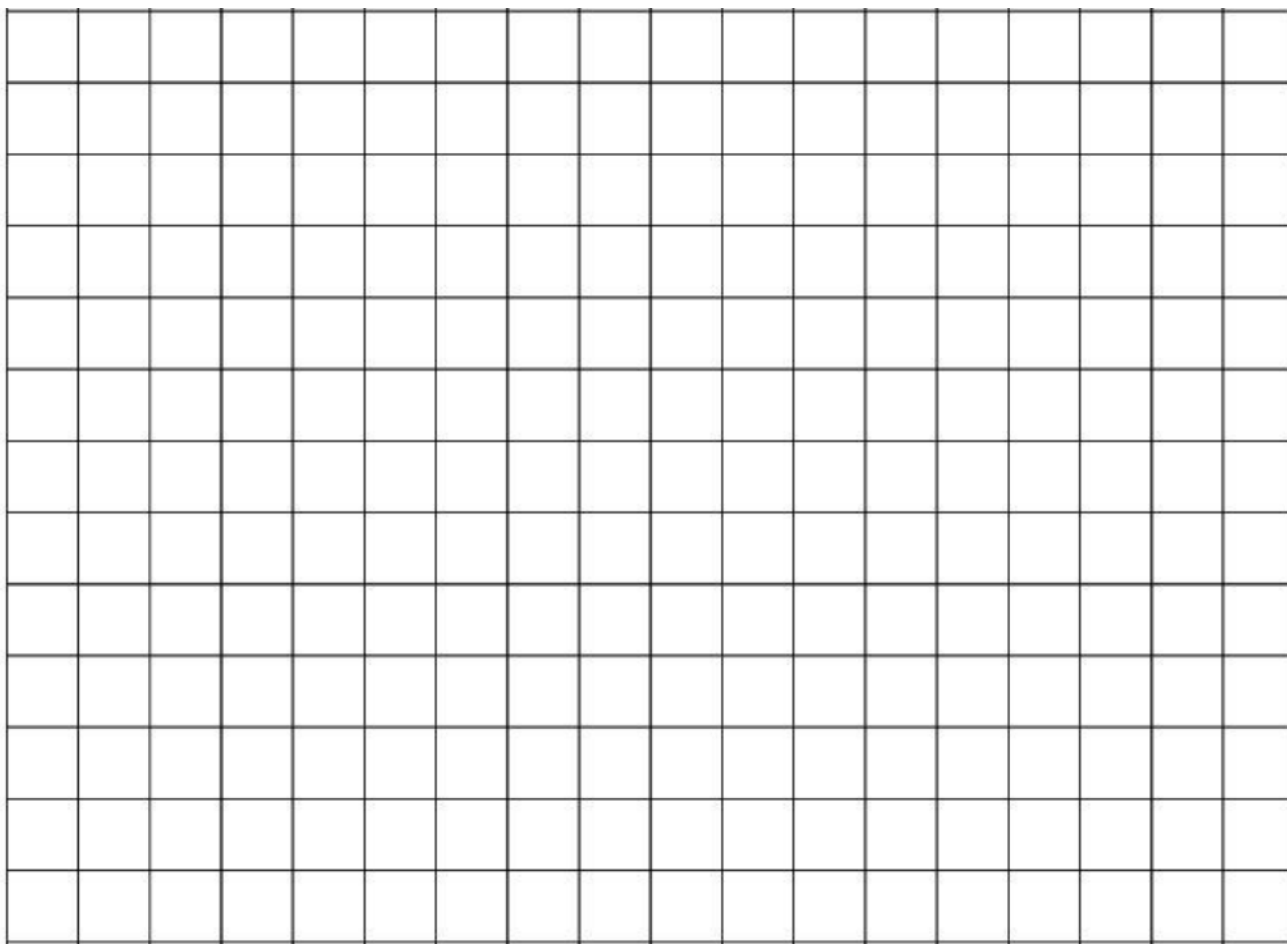
How many squares did you colour each time?

Finding quarters

Which of these diagrams have $\frac{1}{4}$ of the whole shaded?

Explain your reasoning.

Science – Shelter Design

What materials will you use to make your shelter resistant to wind, rain and heat?

What features will you shelter have to make it resistant to wind, rain and heat?

What testing will you carry out to your materials are suitable?