

## Additional resources

Week 11 (Week beginning 15/06/20)



### Suggested Weekly timetable for core subjects

	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Literacy</b>	Reading (20 mins)  Spelling activity	Grammar Focus work	Comprehension story and questions	Writing activity	Spelling test  Handwriting practice (continue joined script)
<b>Maths</b>	Mental maths A  Topic work on weekly focus	Mental maths B	Mental maths C	Revision of addition and subtraction (HTU)  <a href="http://www.maths-drills.com">www.maths-drills.com</a>	Revision of multiplication facts and division (focus on x3,5,6,9)  Speed challenges, x and divide (topmarks - hit the button game)  <a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a>

If you have any questions, please contact me [dkelly273@c2ken.net](mailto:dkelly273@c2ken.net)

Continue to send pictures of work or the children learning at home so we can upload these to the school website. [Koneill580@c2kni.net](mailto:Koneill580@c2kni.net)

We love to see what you have been getting up to!

# Maths Week 11

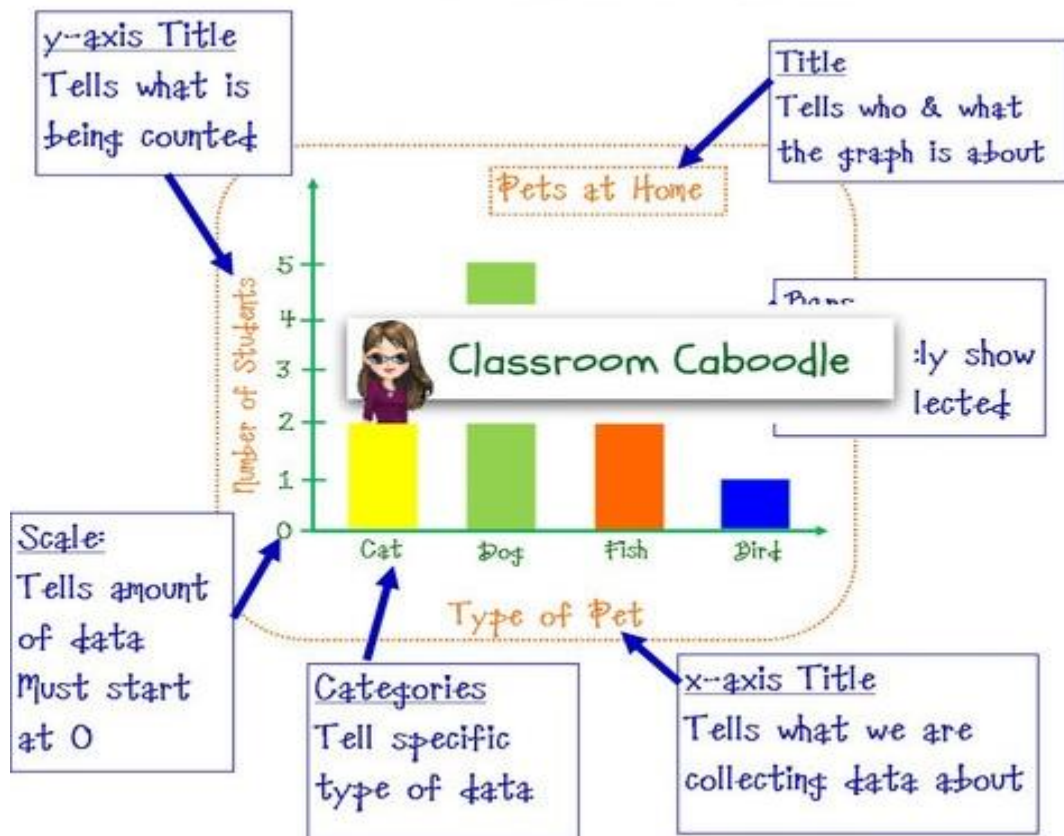
## Weekly focus: Bar Graphs / Block graphs

### Success criteria:

- I can create a bar graph from a block graph
- I can make sensible choices about the scale to use on my bar graph axis
- I can create my own bar graph with a title and clearly labelled axes
- I can ask and answer questions about the information shown in a pictogram or bar graph

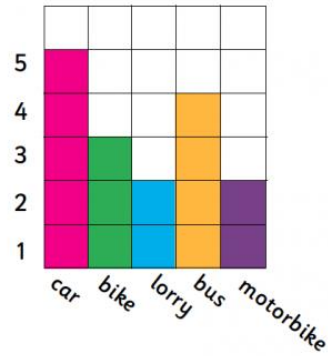
### Key learning points:

1. Your child should know the different features needed for a bar graph, including axis labels, scale, title, etc.

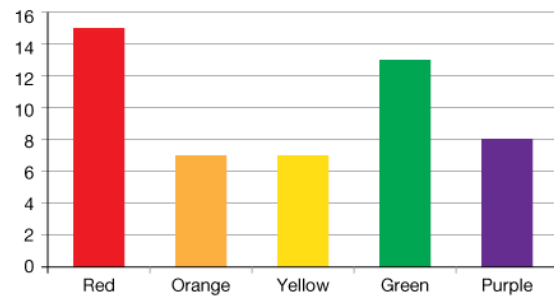


2. Teach your child that there is a difference between a block graph (where you can count up the blocks) and a bar graph (where it does not show individual blocks to count so we must use the scale on the side to work out how many there are of each.)

A block graph



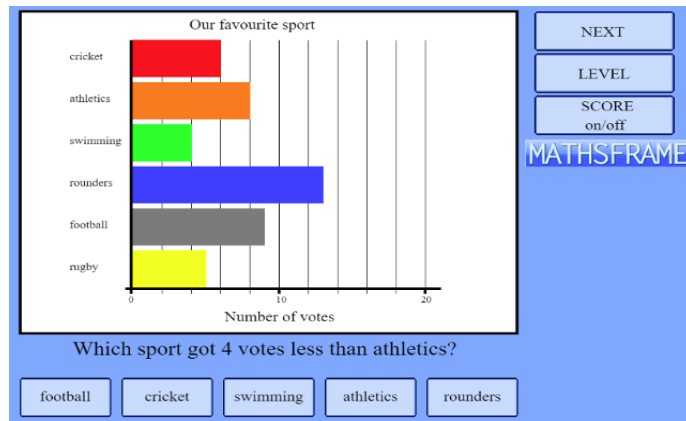
Skittle Frequency Bar Graph



**A game to try this week:**

[https://mathsframe.co.uk/en/resources/resource/51/bar\\_charts](https://mathsframe.co.uk/en/resources/resource/51/bar_charts)

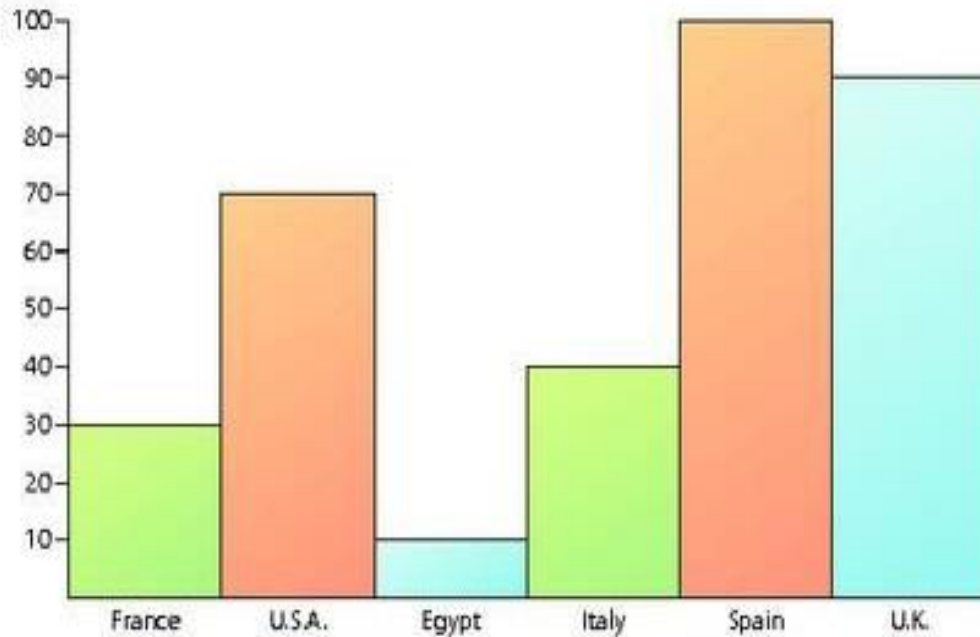
A new and improved bar charts game. This version uses both vertical and horizontal bars and has a wide range of one step and two step questions. This game is tablet friendly and will work on any device.



Workbook pages: Falcon Park, Year 4 holidays, Y4 pets, Travel

### Travel.

A survey was taken asking people in Ballymoney which country they would most like to visit on holiday after Lockdown. Look at the bar chart below and answer the questions.








- Which destination was most popular? \_\_\_\_\_
- Which destination was least popular? \_\_\_\_\_
- How many people wanted to stay in the U.K.? \_\_\_\_\_
- How many people wanted to holiday in France? \_\_\_\_\_
- How many people wanted to holiday in Italy? \_\_\_\_\_
- How many countries were not in Europe? \_\_\_\_\_
- How many more people wanted to stay in the U.K. than visit America? \_\_\_\_\_
- How many more people wanted to go to Spain than Italy? \_\_\_\_\_
- How many people wanted to visit Italy and Spain? \_\_\_\_\_

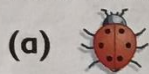


### Insects seen at Falcon Park

Total

1 How many of each kind of insect were seen?



2 How many insects altogether were seen?

3 How many insects had (a) spots (b) stripes?

4 How many more insects were



### When insects were seen

Total

10.00 am – 10.15 am		
11.30 am – 11.45 am		
1.15 pm – 1.30 pm		
2.45 pm – 3.00 pm		

5 How many insects were seen at

(a) 10.00 am – 10.15 am

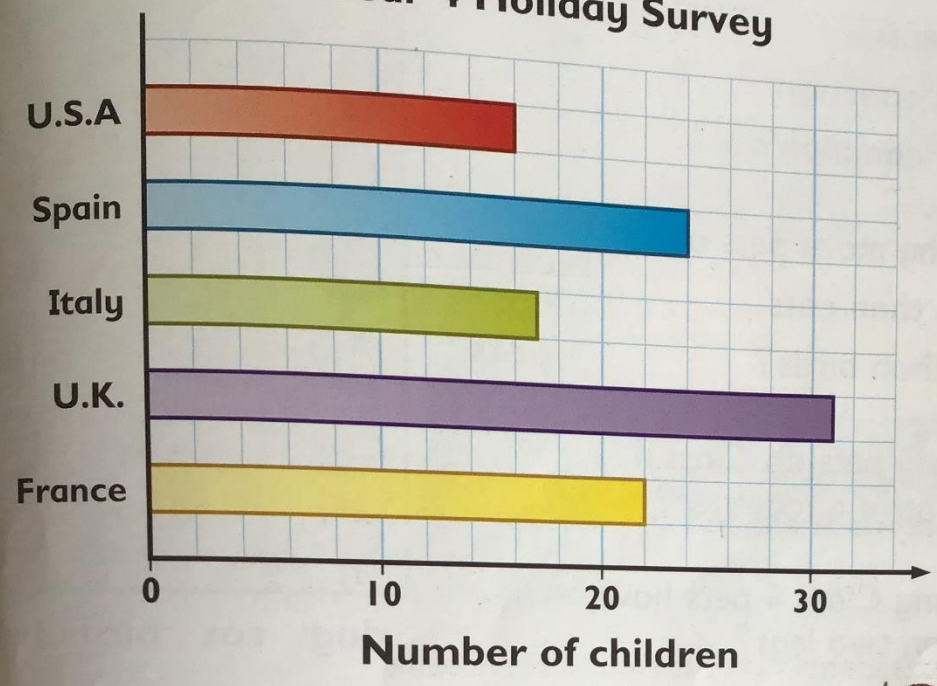
(b) 11.30 am – 11.45 am

(c) 1.15 pm – 1.30 pm

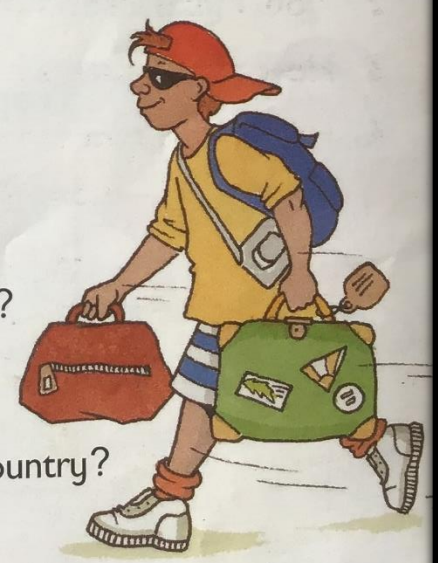
(d) 2.45 pm – 3.00 pm?

6 Was the morning or the afternoon the better time to see insects? Explain.

### Year 4 Holiday Survey




- 1 Which country was visited by
  - (a) the greatest number of children
  - (b) the smallest number of children.
- 2 Which was the third most visited country?
- 3 How many children took holidays
  - (a) abroad
  - (b) in **another** European country?
- 4 How many more children had a holiday
  - (a) in the U.K. than in France
  - (b) in Spain than in the U.S.A?
- 5 How many Year 4 children altogether had a holiday?
- 6 Which two countries together were visited by a total of thirty-three Year 4 children?



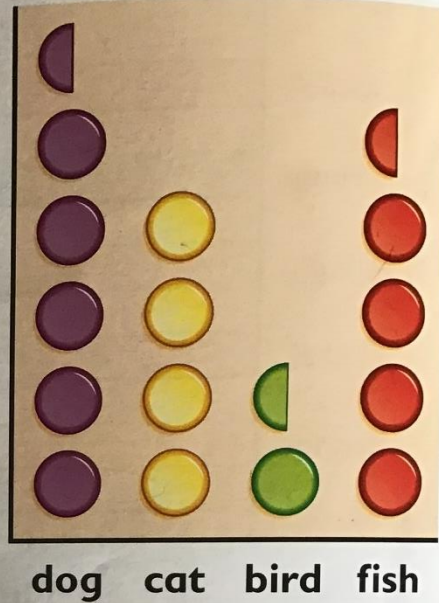


Class 4 pets


 = 2 pets

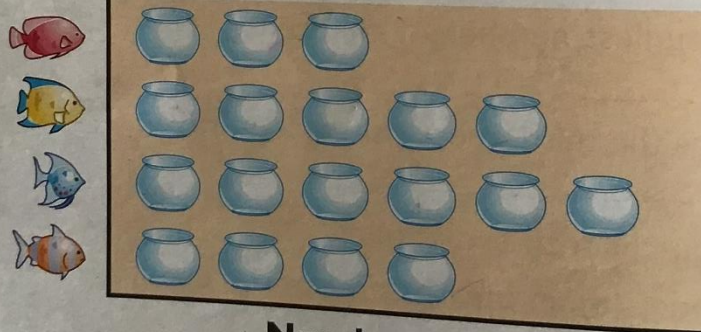
- 1 Which pet is
  - (a) most common
  - (b) least common?
- 2 How many more pets are
  - (a) dogs than cats
  - (b) fish than birds?
- 3 How many pets do Class 4 children have altogether?
- 4 How many Class 4 pets have more than two legs?

Number of pets













Tropical fish tank

 = 5 fish



Number of fish

- 5 How many fish are (a)  (b)  (c)  (d)  ?
- 6 How many fish altogether are in the tank?
- 7 How many more fish are
  - (a)  than 
  - (b)  than 
  - (c)  than  ?

Thursday revision of addition and subtraction.

Adding/Subtracting 2-Digit Numbers (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each sum or difference.

$$\begin{array}{r} 166 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 213 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 987 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 515 \\ + 70 \\ \hline \end{array}$$

$$\begin{array}{r} 208 \\ - 56 \\ \hline \end{array}$$

$$\begin{array}{r} 688 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 368 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 889 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 631 \\ - 48 \\ \hline \end{array}$$

$$\begin{array}{r} 586 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 985 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 284 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 753 \\ + 79 \\ \hline \end{array}$$

$$\begin{array}{r} 805 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} 257 \\ - 77 \\ \hline \end{array}$$

$$\begin{array}{r} 227 \\ + 90 \\ \hline \end{array}$$

$$\begin{array}{r} 112 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 392 \\ + 78 \\ \hline \end{array}$$

$$\begin{array}{r} 259 \\ - 48 \\ \hline \end{array}$$

$$\begin{array}{r} 962 \\ + 71 \\ \hline \end{array}$$

$$\begin{array}{r} 989 \\ - 67 \\ \hline \end{array}$$

$$\begin{array}{r} 463 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 446 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 147 \\ - 63 \\ \hline \end{array}$$

$$\begin{array}{r} 472 \\ - 71 \\ \hline \end{array}$$



**Friday** revision of multiplication facts.

Time yourself for 5 minutes. How many facts can you fill in by multiplying the row number by the column number?

×	3	4	9	1	2	5	8	6	0	7
6										
4										
8										
9										
7										
5										
3										
2										
1										
0										

Time: \_\_\_\_\_

Score: \_\_\_\_\_/100

## Literacy Week 11

**Grammar focus** for week 11: Commas, using speech marks

Worksheets to complete: Sheet 1, sheet 2, sheet 3

### RULES TO REMEMBER:

- When three or more nouns come together, we separate them by using **COMMAS (,)** Example: For tea, we had cakes, jelly, fruit and trifle. Notice that there is no comma between the last two things. The word **AND** separates them.
- We always need a comma **before** closing speech marks Example: "You can start your work now," said Mrs Kelly.

### Sheet 1:

- 1 Robert Andrew Michael and Peter were ill.
- 2 The fishmonger had hake plaice herrings mackerel and cod.
- 3 London York Birmingham and Exeter are all cities.
- 4 The colours of the rainbow are red orange yellow green blue indigo and violet.
- 5 At the zoo we saw lions tigers elephants camels and monkeys.
- 6 You can play rounders netball tennis and cricket at the holiday club.
- 7 Shushana's mother brother sister and grandfather came to the school fête.
- 8 The fruit bowl was piled high with apples pears oranges grapes bananas and kiwi fruit.
- 9 Kate put her jeans a T-shirt and a warm sweater in her rucksack.
- 10 Mark carefully dried the forks knives and spoons.

## Using commas with speech marks

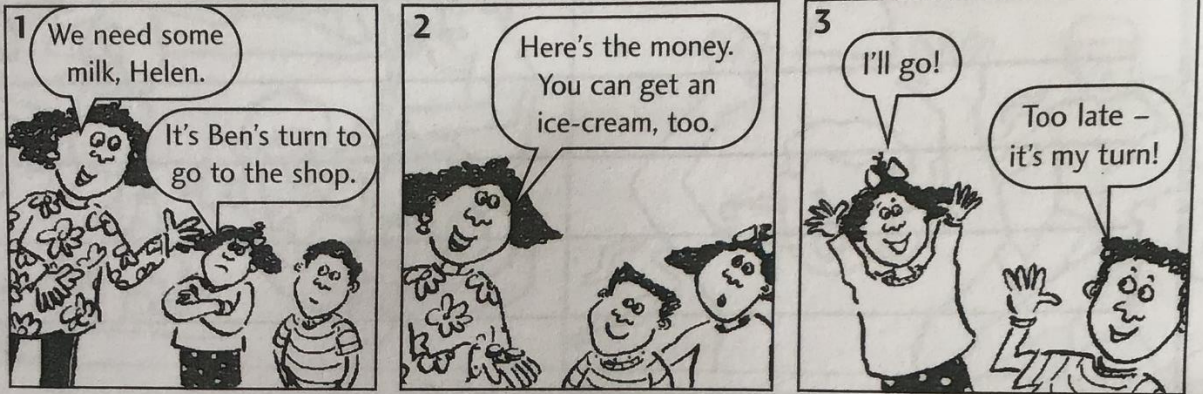
Add the missing speech marks and commas to these sentences. The first one has been done to help you.

- 1 "I will go myself and meet this Minotaur," said Theseus.
- 2 I will kill the Minotaur he said.
- 3 Please be very careful begged his father.
- 4 I wish you would stay here with me he said.
- 5 I must kill the monster to stop him killing other people explained Theseus.
- 6 I have a plan that will help you said Ariadne.
- 7 You must take this ball of string she explained.
- 8 Unroll the string as you go through the maze she added.
- 9 It will help me find my way back said Theseus.
- 10 What a clever idea he added.



# Speech marks

**A** Use speech marks to write down what was said in this cartoon strip. The first part has been done to help you.



1 MUM: "We need some milk, Helen."

HELEN: \_\_\_\_\_

2 MUM: \_\_\_\_\_

3 HELEN: \_\_\_\_\_

BEN: \_\_\_\_\_

**Writing Activity** - Use the storyboard provided to help you plan a story, "The Shark's Tail."

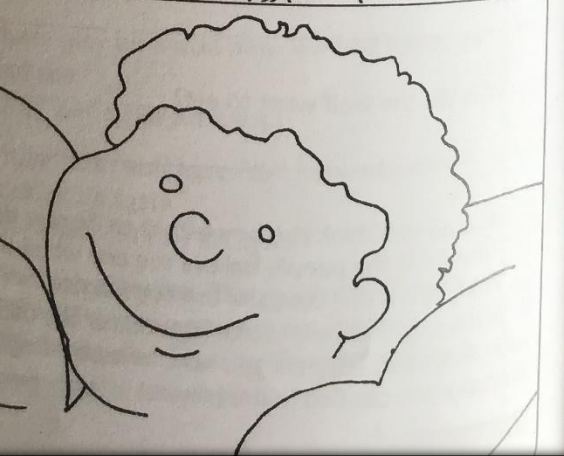
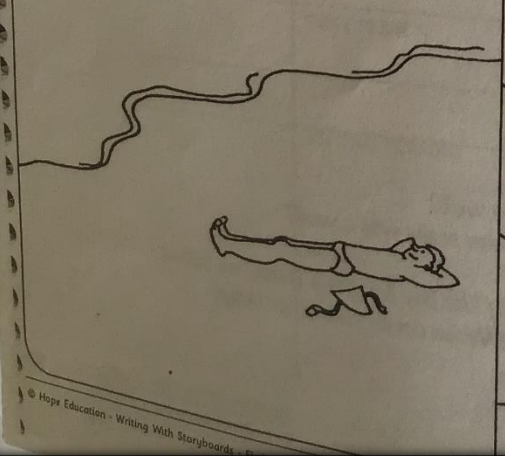
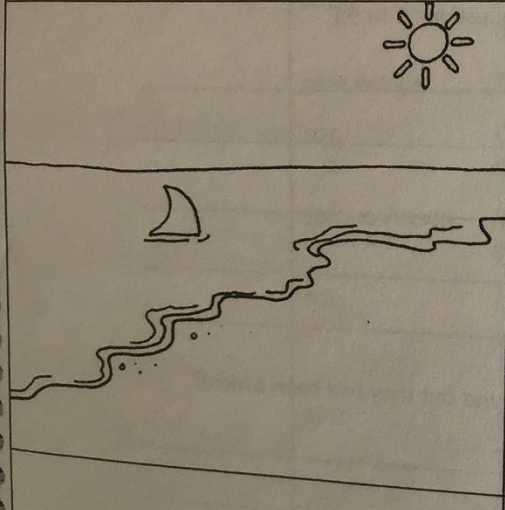
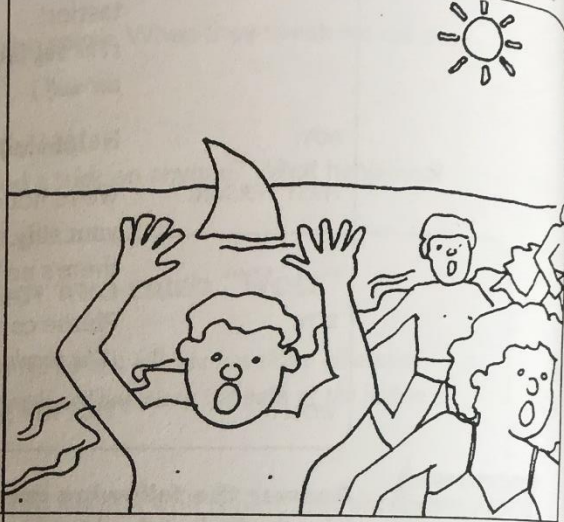
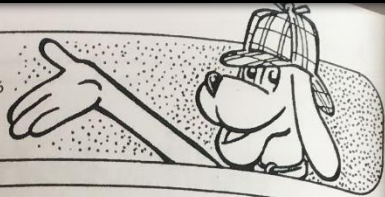
Each picture should help you decide when and where to paragraph your story.

Remember, you can email me your work @ [dkelly273@c2ken.net](mailto:dkelly273@c2ken.net)



# WRITING WITH STORYBOARDS - FICTION

N.L.S.  
Years 3-6



**Spellings** - All of your spellings this week contain **silent letters**.

**List words to learn:** (the words in red are revision words)

comb	wrap	honest
lamb	wreck	ghost
dumb	write	hour
numb	wrong	know
knight	knife	knot
crumb	tomorrow	England
Saturday	Soap	Sunday

**Proofreading**

4. A list or revision word has been incorrectly spelt in each sentence. Circle it and write it correctly on the line.

- (a) There was not a crum left on the plate.
- (b) I am going to a football match on Saterday.
- (c) Rap your lunch in cling film.
- (d) If you're honist you tell the truth.
- (e) Wash your hands with sope and water.
- (f) I no the answer to that question.

**Word Hunt**

5. Which list or revision word(s):

- (a) has London as its capital city?
- (b) has the least letters?
- (c) are at the weekend?
- (d) means 'can't speak'?
- (e) is a spirit?

**Changing Words**

6. Change one letter in each word to make a list or revision word.

- (a) trap \_\_\_\_\_ (b) soup \_\_\_\_\_
- (c) bomb \_\_\_\_\_ (d) lame \_\_\_\_\_
- (e) owe \_\_\_\_\_



Can you solve these clues using your list or revision words for this week?

1. I am less than a day. I am more than one second. There are 60 seconds in me. What am I?
2. I have teeth. I am used daily. I help your hair to look tidy. What am I?
3. To cover something .....
4. A small bit of biscuit or bread.....
5. Truthful .....
6. Used to cut.....

Pick five more of your spelling words for this week and write a clue for each one. Why not send them to me and see if I can solve your riddles?

[Dkelly273@c2ken.net](mailto:Dkelly273@c2ken.net)

**WEATHER WATCHERS**      **W.A.U Week 11**

This week the focus is on Tornadoes and Hurricanes

**Background information:** A tornado is a type of storm in which powerful rotating winds form a column, which reaches from a cloud down toward the ground. The winds of a tornado are the strongest on Earth. They may reach speeds of up to 300 miles (500 kilometers) per hour. Such violent winds can flatten buildings and whip heavy objects, such as cars, into the air.

[https://youtu.be/-swnFV\\_3tVc](https://youtu.be/-swnFV_3tVc)

Your child can watch this video to help them understand how tornadoes are formed.

**Possible TORNADO / HURICANE activities:**

1. **Swirl up a tornado.**

**What you need:** Two 2-liter clear plastic bottles (empty and clean), water, food coloring, glitter, duct tape.

**What you do:** Fill one of the bottles two-thirds full of water. Add food coloring and a dash of glitter. Use duct tape to fasten the two containers together. Make sure to tape tightly so that



no water leaks out when you turn the bottles over. Flip the bottles so that the bottle with the water is on top. Swirl the bottle in a circular motion. This will create a vortex and a tornado will form in the top

## 2. **Make a Tornado in a Jar**

To whip up a mini tornado, grab a clean, glass jar and these ingredients:

- 3 cups of tap water
- 1 teaspoon of washing up liquid
- 1 teaspoon vinegar
- Glitter or other small objects {optional}

Fill the jar with water - making sure to leave about an inch of space at the top. Then pour in the washing up liquid and vinegar and close the lid. To add some extra wow, try adding glitter or mini Legos to the jar. Holding one hand on top and one below, swirl the jar for about 5 seconds and then set it down on the table to watch the tornado do its thing. So simple and easy.



### The Science Behind It

When you spin the water in the jar, it creates a vortex in the centre. As the water spins, centripetal force causes the water to spin around that vortex making a mini tornado. {Hurricanes have a vortex too.}

As always, it would be lovely to see how creative you all can be. We would have been giving these tasks a go in ABL sessions so why not try them at home and send me a picture? [Dkelly273@c2ken.net](mailto:Dkelly273@c2ken.net)



Answer each question using  
one of the spelling words.

Name \_\_\_\_\_

hurricane		waterspout		surge
season		counterclockwise		barometer
eye	;	tropical	;	warning
landfall		meteorologist		radar

1. A \_\_\_\_\_ studies the weather.
2. Hurricane \_\_\_\_\_ is from June to November.
3. Hurricanes form over warm, \_\_\_\_\_ seas.
4. A \_\_\_\_\_ in the W. Pacific is called a typhoon.
5. \_\_\_\_\_ is when the storm goes over land.
6. The \_\_\_\_\_ of a storm is calm.
7. A \_\_\_\_\_ measures air pressure.
8. Most hurricanes rotate in a \_\_\_\_\_  
direction.
9. A hurricane \_\_\_\_\_ was issued this morning!
10. A storm \_\_\_\_\_ flooded the beach area.
11. Forecasters tracked the hurricane using \_\_\_\_\_.
12. A tornado over water is called a \_\_\_\_\_.

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YOU MAY NEED TO WATCH THE VIDEO CLIP (LINK PROVIDED) TO HELP YOU ANSWER ALL OF THESE QUESTIONS.



## Extreme weather conditions

### Hurricanes

A **hurricane** is a very powerful rotating storm, also known as a typhoon or a cyclone. These storms can be huge, creating immense damage. These storms usually occur in America, the Gulf of Mexico and the Caribbean.



A storm is usually classified as a hurricane when the wind speed reaches over 74 miles per hour (force 12). A hurricane is accompanied with heavy rainfall.

The centre of the hurricane is known as the eye of the storm. During a hurricane trees can be uprooted, roofs can be blown off houses and windows can be broken. It is advisable to stay indoors during a hurricane.

The UK does not usually have hurricane storms. The worst storm in the UK since 1703 happened in 1987. A violent storm hit Southern England with winds reaching 122 miles per hour. Technically the storm was not a hurricane but millions of trees were uprooted, roads were blocked with fallen trees and hundreds of homes lost their roofs.

### Questions

- 1 What other names are used for hurricanes? \_\_\_\_\_
- 2 Where do hurricane storms usually occur? \_\_\_\_\_
- 3 What force is used to classify a hurricane? \_\_\_\_\_
- 4 What year did the violent storm hit Southern England? \_\_\_\_\_
- 5 What damage did the storm do? \_\_\_\_\_  
\_\_\_\_\_
- 6 What is the centre of a hurricane storm called? \_\_\_\_\_
- 7 When was the last big storm in the UK before 1987? \_\_\_\_\_
- 8 What do you think the word 'immense' means? \_\_\_\_\_

Name: \_\_\_\_\_

### Extreme Weather

S	H	T	J	W	W	I	K	X	T	X	O	U	J	P	P	D	
H	B	Y	Z	U	Z	A	I	C	B	D	B	R	W	F	O	S	R
E	L	L	R	K	F	R	T	T	E	J	P	X	N	L	P	P	J
A	I	D	B	Z	O	L	O	E	V	S	R	Y	V	Y	N	F	Z
T	Z	Z	M	D	G	U	A	A	R	M	T	I	R	B	Y	L	E
W	Z	V	B	A	E	K	Y	A	T	S	A	O	V	C	L	O	E
A	A	H	U	R	R	I	C	A	N	E	P	Z	R	X	H	O	N
V	R	A	J	D	R	O	U	G	H	T	Z	O	K	M	Y	D	P
E	D	C	A	J	P	O	D	Q	J	A	Q	V	U	E	K	X	N
W	A	L	S	M	C	U	S	I	K	O	K	B	Y	T	V	W	I
C	W	H	T	O	R	N	A	D	O	I	F	O	Y	W	G	J	H
J	X	Z	N	V	J	J	G	O	G	H	F	P	Z	H	X	T	P

Words are hidden → ↓ and ↘

**Blizzard**



**Flood**



**Heat Wave**



**Ice Storm**



**Tornado**



**Hurricane**



**Fog**



**Drought**



**Water Spout**

