

Libby's BIG AEROPLANE Adventure



Name

Fun and games workbook!

 EQUILIBRIUM

The BIG ADVENTURE begins!



For months Libby had been looking forward to her big adventure.

She was going to fly from her home in Toronto, Canada to Manchester, U.K. to meet up with her Grandma and Poppa.

Grandma and Poppa are Libby's U.K. grandparents - she had always referred to them in this way since she was very little - and it had stuck!

Grandma and Poppa had saved up to fund Libby's flights - the total cost in Sterling was £838 including a charge of £120 which covered chaperoning for Libby on the flights and at the airports.



Now the big day had arrived and Libby's head was full of flight schedules and huge excitement at the thought of meeting up with Grandma and Poppa at Manchester Airport. Her parents had noted all the details on Libby's tablet.



Questions about Libby's journey

Use the information board on the right to help you. Remember there are important time differences to get your head around:

if the time in Toronto is 08:00 then it would be 13:00 in Manchester and 14:00 in Amsterdam and Paris.

FLIGHT INFORMATION	
OUTWARD-BOUND: Toronto to Manchester	
Depart Toronto	19:05 (Local Time)
Flight-Time	6h 45m
Arrive Amsterdam	07:50 (Local Time)
STOPOVER 1H 55M	
Depart Amsterdam	09:45 (Local Time)
Flight-Time	1h 20m
Arrive Manchester	10:05 (Local Time)
RETURN: Manchester to Paris to Toronto	
Depart Manchester	08:45 (Local Time)
Flight-Time	1h 30m
Arrive Paris	11:15 (Local Time)
STOPOVER 2H 35M	
Depart Paris	13:50 (Local Time)
Flight-Time	8h 05m
Arrive Toronto	15:55 (Local Time)

1. There are 4 cities involved in this journey mentioned in the story. Write the name of the city below its picture in the space provided, then in the 3 boxes using letters A, B, C and D, list in order the route for -

- a. the outward journey
- b. the return journey

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>



A _____ B _____ C _____ D _____

2. How many aeroplanes does Libby travel on per journey?

3. How long did it take to get from Toronto to Manchester?

4. When it is 18.30 in Amsterdam, what time is it in Toronto?

5. Can you name these 2 airports?

Paris

Amsterdam

3

6. Can you spot 6 little aeroplanes ✈ hidden on pages 1 - 2?

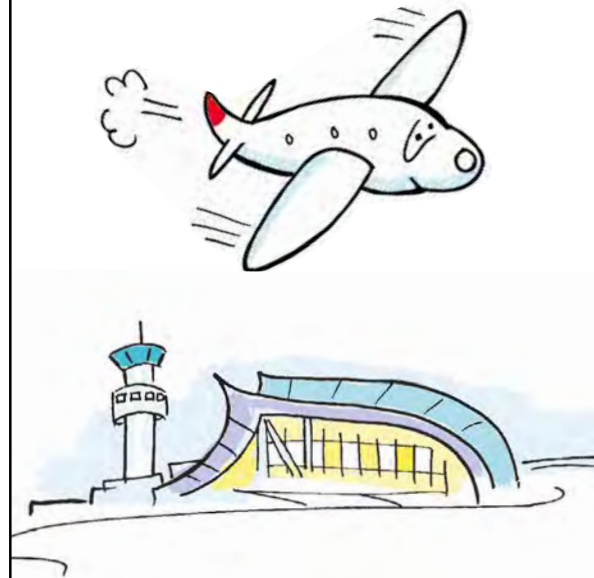
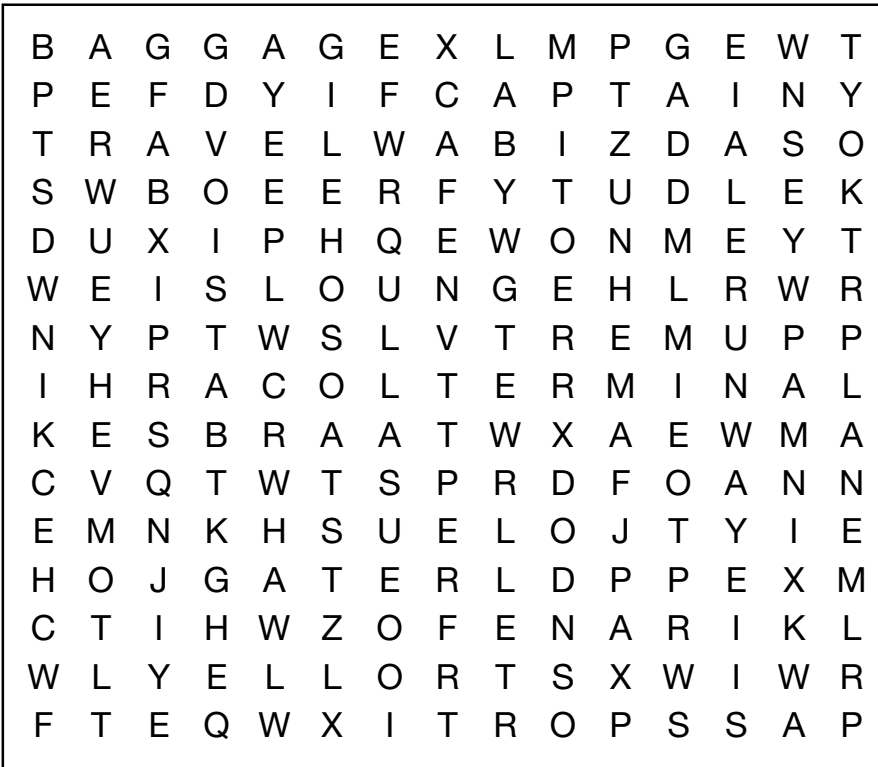
7. Wordsearch

Can you find these words relating to airports hidden in the grid below?

AIRPORT
BAGGAGE
CAFÉ
CAPTAIN
CHECK IN
CONTROL

DEPARTURES
DUTY FREE
FLIGHT ATTENDANT
GATE
LOUNGE
PASSPORT

PLANE
RUNWAY
SUITCASE
TERMINAL
TRAVEL
TROLLEY



8. Toronto airport has flights that travel to all parts of the world. Name each of the countries below along with each country's capital city. (The maps are not to scale or in any particular order). Colour them in. Which of these countries are islands? _____





Libby's Manchester adventures!



The Big Game

Libby had always been mad about sports. In Canada she was the star of her school's ice-hockey team in winter and last summer she had taken to "soccer" in a big way. She had really been looking forward to her trip because she had seen loads of games on T.V. involving the two big Manchester football clubs.

Getting to know Poppa and Grandma's neighbours' children Debbie and Jack, she soon learnt that the Twins loved soccer too and that they were big rivals. Jack was "Red" and Debbie was "Blue"!



However, what kept them together most of the time was their pet chicken - Frizzle. Frizzle was the referee who intervened when things got a bit heated!

Libby was thrilled when Poppa and Grandma told her that they were planning to take her to The Big Game - Blues v Reds and that they were going to be joined by the Twins. (Frizzle was going to have to stay at home because she had a "Hen-Party" that weekend!)



Poppa and Grandma had been saving hard because any trip to a Big Game is never cheap. Can you help them manage their budget?

The Big Game Budget

Poppa and Grandma knew from their many Skype sessions with her that Libby loved soccer and that the Twins did too, so they had had plenty of time to save up for The Big Game. That was good because they would need a serious budget to pay for the day. They had prepared a **spreadsheet** of everything involved.

Can you help them fill in the overall costs?

Costs	
Two Adult Tickets at £50 each and three Junior Tickets at £30 each	
Two Adult Train Tickets at £15 each and three Child-Tickets at £7.50 each	
Food and Drink (Special Treats) Five "Soccer Burgers" at £5.50 each Five "Football Sodas" at £3.00 each Five "Half-Time" Treats at £4.75 each	
Merchandise Budget – See Options Five at £20.00 each	
Total Budget	

The Soccer Shop

Item	Cost
Programmes	£5 each
Scarves	£15 each
Hats	£10 each – Buy Two Get One Free
"Big Hands"	£12 each
"Mini Soccer Balls"	£10 With Special 10% Match Day Reduction
Full Size Footballs	£20 With Special 20% Match Day Reduction
Souvenir Pens	£3 Buy One Get One Free



The crowd was massive – a sell out! 75,000 people all making their way into the stadium. Can you imagine how Libby was feeling?

There was a special buzz because The Blues were playing their new signing – Santiago Rodriguez, a player from the Spanish international team with over 100 goals to his name!

Santiago had cost The Blues £55,000,000 which was a club record, and was reportedly earning over £180,000 a week. Poppa said that he had “Better be good because he could remember when footballers earned about £100 per week and wore very short shorts!”

Can you write a match-report describing Rodriguez’s first game and a little more about the “New Spanish Hero”?



Questions about The Big Game

1. On one day when the crowd was 60,000 people, 75% were adults and 25% children. How much did the ground take on the day in ticket sales?
2. How many souvenir pens could you buy using one merchandise budget of £20?
3. If Santiago Rodriguez can earn £180,000 for one game, what does he earn per minute in that game? (45 minutes in each half)
4. If Santiago Rodriguez earns £180,000 per game, and 1960s player Nobby Parkstone earned £100 per game, how many games would Nobby have to play to earn the same amount as Santiago gets per game?
5. Can you spot 6 little footballs ⚽ hidden on pages 5-8?

Libby loved The Big Game. The atmosphere had been fantastic and the result was a 2-2 draw with Rodriguez scoring in the 90th minute! The Twins were also happy, "Everybody even!"

Libby was so grateful, because she was beginning to understand that things were pretty expensive and that Poppa and Grandma had saved hard to afford a day at The Big Game.

She was now just happy to play soccer with The Twins and soon appreciated that Debbie was a talented player.

The Manchester Sound

Then more great news when Poppa and Grandma announced another fantastic treat – tickets for one of Libby’s favourite bands - the red hot and yet very cool Manchester Sound!



Poppa told Libby that the concert was on Saturday and that he was going to take them all, the Twins included and was looking forward to demonstrating some Dad Dancing. Libby said it must run in the family because her Dad is The Dad Dancing Champion of Canada!



Money
Money
Money

Poppa and Grandma knew about Libby's love for The Manchester Sound having heard all about them on their many Skype sessions. They had also talked to their neighbours and learned that the Twins were big fans too. Their bedrooms were covered in posters and much of their pocket money had gone on **downloads**. So another **spreadsheet** was required.

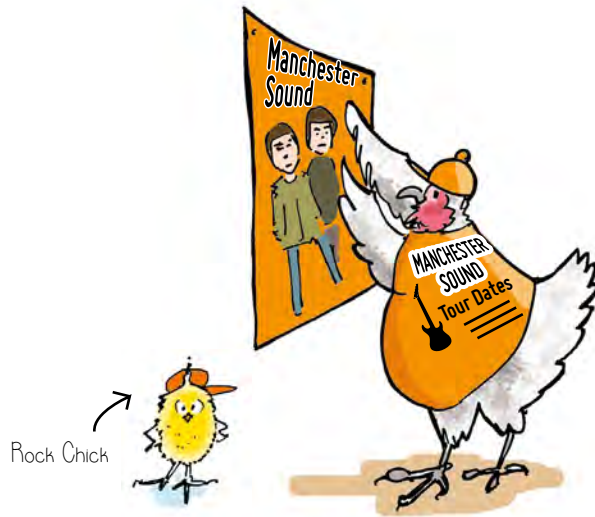
Costs	
Five Tickets at £20 with a 10% Reduction for Booking "On-Line"	
Two Adult Train Tickets at £18 (But Poppa has a railcard" allowing, just him, 1/3 Reduced Travel) and three child tickets at £9.00	
Food and Drink (Special Treats) Five "Manchester Wraps" at £4.75 each Five "Smoothie Sounds" at £2.50	
Merchandise Budget – See Options Five at £20.00	
Total Budget	

The Merchandise Shop

Item	Cost
"Manchester Sound" Posters	A4 £6 each or A3 £9 each
"Manchester Sound" Calendars	£10 with 20% off because it's February
"Manchester Sound" Hats	£10 each or three for £20
"Manchester Sound" T-Shirts	£25 each
"Manchester Sound" CDs	£15 each
"Manchester Sound" Life Stories	£12 with special 25% concert promotion

On a separate piece of paper, list the items you would buy if you had a budget of £50.

Can you spot 6 little eggs hidden on page 9?



Poppa had admitted to Grandma that he was a bit taken aback by the costs of The Manchester Sound tickets and merchandise. He had climbed up into the attic and found some old L.P.s, which stands for 'long playing' records (old people never throw away their L.P.s – check it out!). He also found some posters and old tickets from the time when Grandma and he were big fans of the huge 1970s Rock-Band - The Creaking Bones!



Poppa became quite emotional as he remembered days dancing with Grandma at a Creaking Bones concert and very animated as he went into his “in my day” routine!

"In My Day"

"In my day," reminisced Poppa, "we would often go into town to see one of the big rock bands. We went there and back on the bus, wearing our Creaking Bones or other bands' t-shirts. We'd get a bottle of pop and a bag of fish and chips, maybe even buy one of the new albums if we were flush! - Heaven - and it cost us next to nothing!" "Yes", said Grandma, "but in those days we earned little more than nothing!"

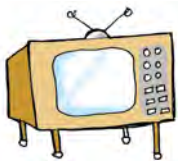


So here is their budget for a Creaking Bones concert in 1970s -

Item	Cost
Two "Creaking Bones" tickets at £3.50 each	
Two "return bus tickets" at 10p each	
Two bags of fish and chips at 25p each and two bottles of pop at 15p each.	
A "Creaking Bones" album at £2 each	
Total Budget	



Poppa and Grandma earned £70 a week, between them, in the 1970s.



Can you research the difference in prices between the 1970s and costs today for various items? Do the first three and then choose your own! You may need some help as we do use some different measurements now e.g. litres/gallons.



Item	Cost in 1970s	Cost Today
A litre of petrol		
A sliced loaf		
A pint of milk		

“The Dream Sequence”

The Manchester Soundgig finished late, but when Poppa and Libby got home after dropping the Twins off, there was still time to share a hot chocolate and reminisce about the evening. Poppa may have indulged in some serious “Dad Dancing” but they had all had great fun, young and old alike. In fact in Libby’s eyes Poppa was beginning to appear “old but cool”. She also appreciated all the money that Poppa and Grandma had spent taking them all to The Big Game and The Manchester Sound! Poppa was not super-rich as he had spent his working life managing and driving a delivery truck for a company called **Fred’s Farm Foods**.

However he had the sense to **save** and that is why he had been able to generously treat his granddaughter and the Twins. In fact Libby was thinking about this later, when she fell fast asleep, and had a strange but wonderful dream.

The first sequence involved Poppa driving his delivery truck, but instead of the name **Fred’s Farm Foods** on the side there was a cartoon of Frizzle, the Twins’ pet chicken, next to the name **Frizzle’s Farm Foods**.

It looked like Frizzle was in business!



The dream sequence then went back a few years to Frizzle starting her business. In those early days Frizzle specialised in **free range eggs**. She encouraged all her **team** to roam freely and happily round the farm. The result was good quality, fresh eggs. She slowly began to build up customers and more and more eggs were sold. Remember eggs usually sell in **half-dozens (6)** and **dozens (12)**. Frizzle charges £1 for a **half-dozen** and £1.50 for a **dozen**. Here are Frizzle's **figures** for September for just two of the businesses she supplied.

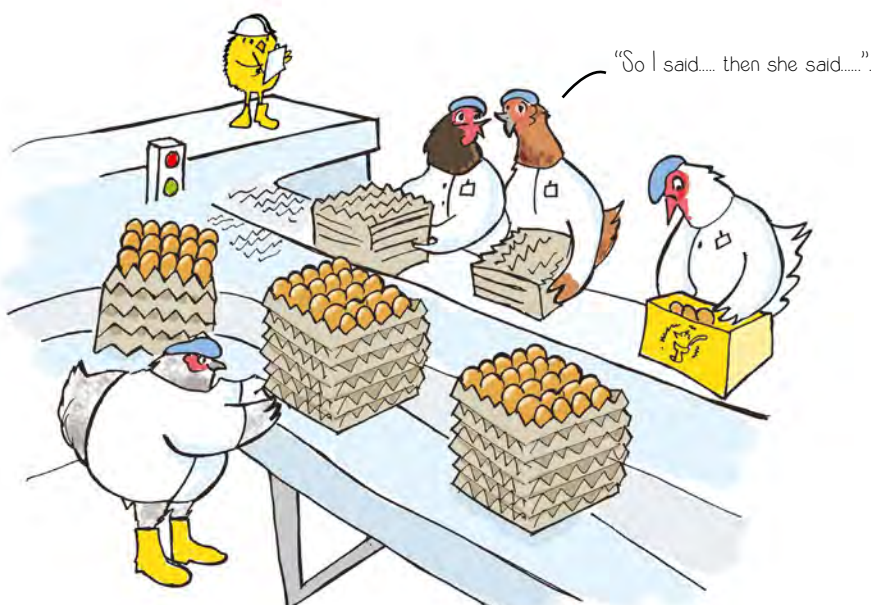
Organisation	Delivery Notes	Total Eggs Sold
"The Busy Bakers" Week 1	50 Half-Dozen Boxes	
"The Busy Bakers" Week 2	40 Half-Dozen Boxes	
"The Busy Bakers" Week 3	60 Half-Dozen Boxes	
"The Busy Bakers" Week 4	70 Half-Dozen Boxes	
"The Let's Get Cracking Café" Week 1	5 Dozen Boxes Note 1 Box Refunded	
"The Let's Get Cracking Café" Week 2	6 Dozen Boxes	
"The Let's Get Cracking Café" Week 3	10 Dozen Boxes Note 10% Free	
"The Let's Get Cracking Café" Week 4	12 Dozen Boxes	
	Total Eggs Sold	

- How many eggs in total did she sell that month to
 - The Busy Bakers?
 - The Let's Get Cracking Café?

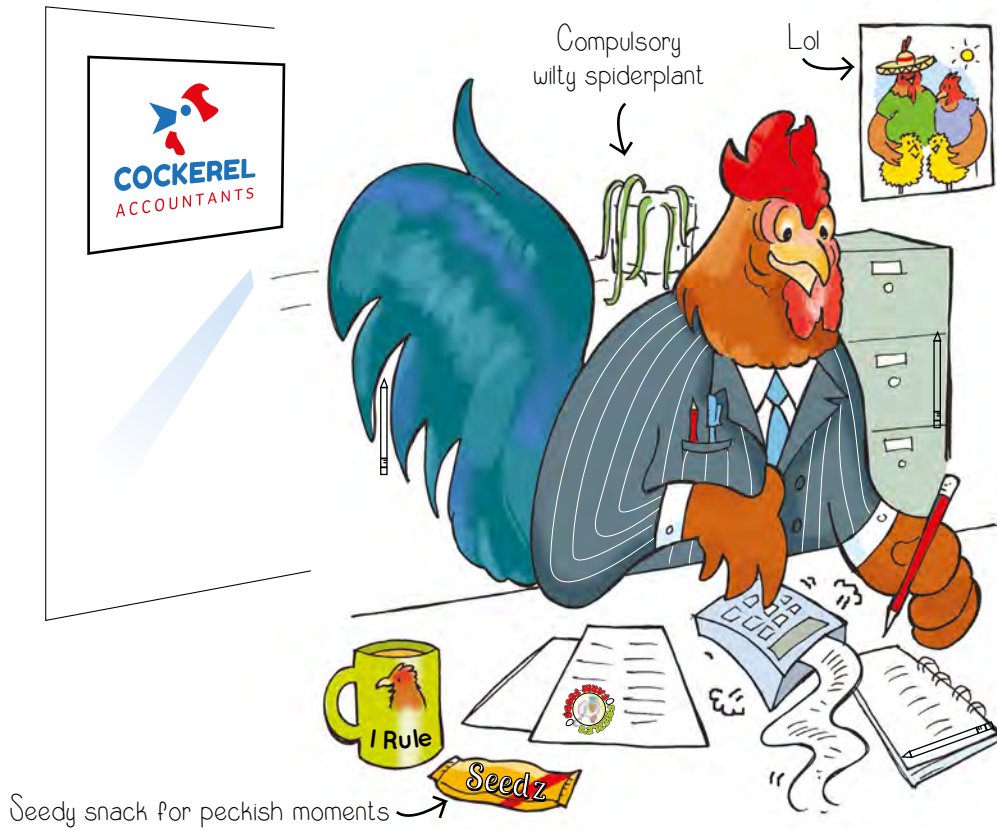
- How much did the Busy Bakers spend on eggs in week 2?

- How much did The Let's Get Cracking Café spend on eggs in week 3?

- What is the overall cost of ALL the eggs sold to both businesses put together during the 4 weeks?



Frizzle understood that if she was to keep her business going, and look after her team she would need to make a profit. She was very busy running the business so she hired Sid from Cockerel Accountants to **do the books**. This meant detailed figures so Frizzle could work out if she was making money – a **profit** or **loss**?



Frizzle had a great first year selling eggs. Sid showed her the figures and noted her **income** was £225,000 for the year – BUT her **outgoings** were:

Outgoings	Cost	
Chicken feed	£5,000 p.a.	
Wages	£120,000 p.a.	
Transport costs	£50,000 p.a.	
Advertising	£2,500 p.a.	
Insurance	£3,000 p.a.	
Rent for farmhouse	£12,000 p.a.	
Utilities – like water and electricity	£4,500 p.a.	
Accountancy fees	£800 p.a.	
	Total	

Had Frizzle made a profit? If so, how much?

Yes/No

What is Value Added Tax (VAT) and how does that affect the figures?



Can you spot
6 little pencils
hidden in pages
15-16?

← Slick
business dude

Frizzle's year had been very good. Now, like many good businesses, she wanted to expand and grow. She had talked to Sid and all her team and they decided that as the **free-range eggs** had been such a success it was time to think of other products that might be popular with her customers – old and new.

She held a competition to design a new logo and a young chicken called Andrea won. Here is the winning design – can you do better?



If you were delivering an advertising campaign for Frizzle what would you include? Think of eye-catching images and mind-catching words! Write some 'buzz' words down below and on a separate piece of paper design 2 versions of the Frizzle's Farm Foods logo to 'present' to your client.

Anything's possible!

When Libby woke up she was buzzing with new ideas. Yes, she knew that it had all been a dream, but it had certainly got her thinking. She'd had a wonderful time with Poppa and Grandma. The Big Game and The Manchester Sound were highlights but so too was the time with The Twins and the wonderful Frizzle.

On her return to Canada, Libby reflected on Frizzle's company and began to plan her own future in business!

She loved cooking with Mom and Dad, so "how about a soup and cupcake stall?" she said to herself. Sketching cartoons and caricatures of her favourite "Toronto Tornados" hockey stars was another thing she loved to do, so that gave her the idea of having prints and stickers and cards of her drawings made to sell, maybe outside the hockey stadium with the soup and cupcakes if that was allowed!

'The Liblicious Snack Co.'
and 'Lib's Scribs'
were about to be born!



So what about you?

Have you got a great business idea?



Fill in the section below and discuss your idea with your teacher and class.

What is the name of your new business? _____

Describe the business _____

Apart from a logo, list 6 things you may need for your business

1. _____

2. _____

3. _____

4. _____

5. _____

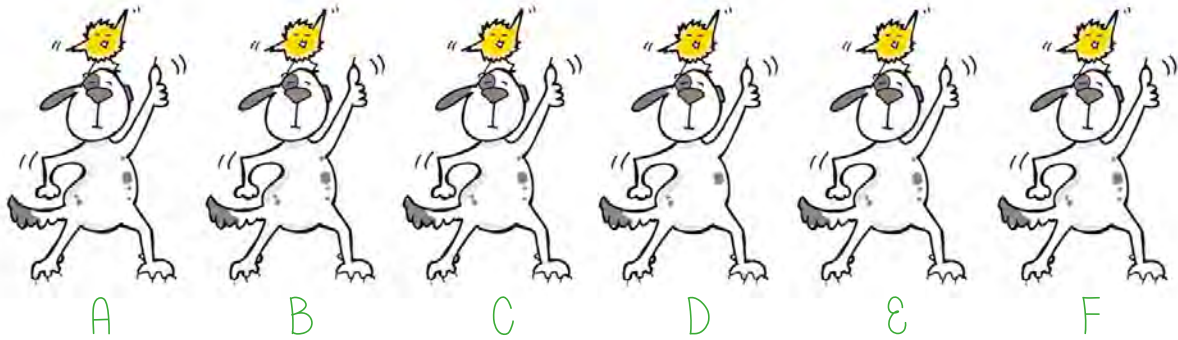
6. _____

Draw a rough copy of your new logo here



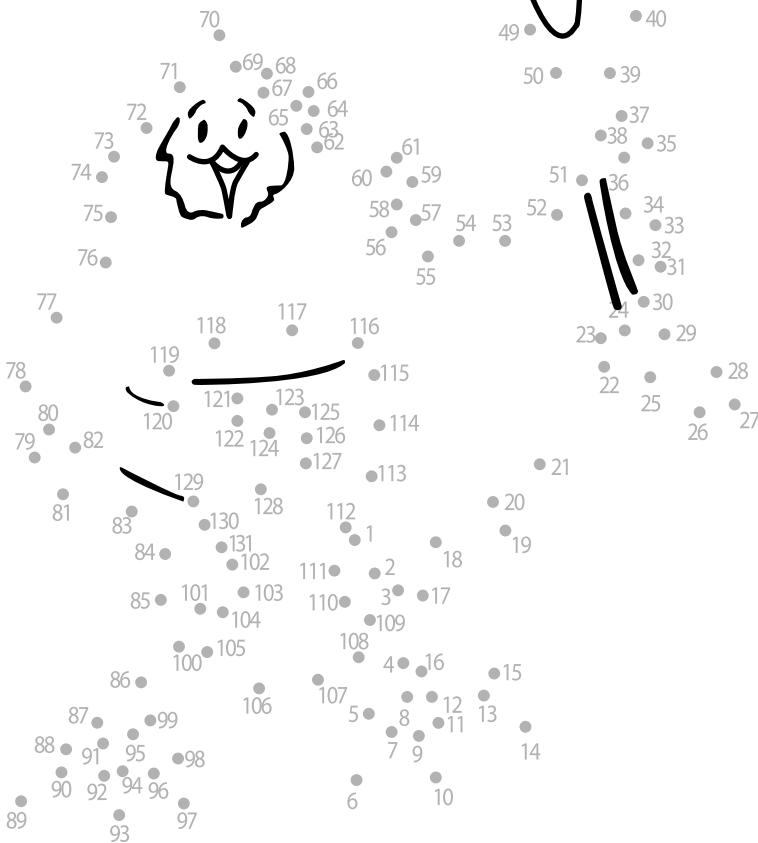
Fun and Games!

1. Can you spot the odd one out?



2. Dot to dotty!
Join the dots to see
what Frizzle is holding.

Tip: For best results, do your lines
between dots as straight as possible.



I say I say I say!

On which side does a chicken have most feathers?

On the outside.

Why did the chicken cross the playground?

To get to the other side.

How long do chickens work?

Around the clock!

What happened to the chicken who misbehaved at school?

He was eggspelled.

Why shouldn't you tell a joke to an egg?

In case it cracks up!

What do you get if you cross a cocker spaniel, a poodle and a cockerel?

A cockerpoodledoo!

Credits

The Equilibrium Team: www.equilibrium.co.uk • Frizzle and Friends: www.eggciting.co.uk • Focus Group at Ysgol Cae'r Nant: www.ysgolcaemant.com
 Story and content by SARIN: www.samassociates.co.uk • Design and illustrations by RAS: www.rasgroup.co.uk
 Frizzle appears by permission of Debbie Jukes. No Dads were injured during The Dad Dancing sequence.
 All characters and chickens in this project, even those based on real people and chickens, are entirely fictional.

