

# LOGIC PUZZLES

**5 puzzles**  
for you and your classes to enjoy

by  
**Brian Taylor**

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# 1 Box Clever

Five school children each made a box in one of their lessons last week. From the clues can you discover the purpose of each person's box, the material from which it was made, and the day on which each was made.

## - CLUES -

1. The metal money box was made the day before the box for holding sweets.
2. The cardboard box was not made on Friday, nor was it made by Scott.
3. Peter made a jewellery box for his mother earlier in the week than the person who made the cardboard box.
4. Ruth did not make her box on Wednesday, and Georgina did not make the box for holding drawing pins.
5. Georgina made the clay box, but not to hold marbles. Scott did not make the money box.
6. The box for holding drawing pins was made two days before the cardboard box, but only one day before the plastic box, which was not made on Wednesday.

	CARDBOARD	CLAY	METAL	PLASTIC	WOOD	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	DRAWING PINS	JEWELLERY	MARBLES	MONEY	SWEETS
CRAIG															
GEORGINA															
PETER															
RUTH															
SCOTT															
DRAWING PINS															
JEWELLERY															
MARBLES															
MONEY															
SWEETS															
MONDAY															
TUESDAY															
WEDNESDAY															
THURSDAY															
FRIDAY															



Name	Material	Day	Purpose of Box
CRAIG			
GEORGINA			
PETER			
RUTH			
SCOTT			

## 2 History Projects

Five university students were each given a history project. From the clues, can you say which university was attended by each student, the subject of the project, and the number of words written.

### - CLUES -

1. Martin's project was on George III. He is not the York university student.
2. The project on Queen Victoria was carried out by the Liverpool student, but the Edinburgh student did not do the project on Charles II.
3. Shirley, who is the Oxford student, wrote 300 words less of the person whose project was about Queen Victoria.
4. It was one of the male students whose project was about Edward VII.
5. Bridget's project was longer than that of the student from York, but shorter than the project on Charles II.
6. 5300 words were written about George III.

	CHARLES II	EDWARD VII	GEORGE III	HENRY VIII	VICTORIA	BIRMINGHAM	EDINBURGH	LIVERPOOL	OXFORD	YORK	5000 words	5200 words	5300 words	5500 words	5700 words
ALICE															
BRIDGET															
CLIFFORD															
MARTIN															
SHIRLEY															
5000 words															
5200 words															
5300 words															
5500 words															
5700 words															
BIRMINGHAM															
EDINBURGH															
LIVERPOOL															
OXFORD															
YORK															



Student	Subject	University	Number of Words
ALICE			
BRIDGET			
CLIFFORD			
MARTIN			
SHIRLEY			

# 3 Cycle Trips

Five people each went on short cycle trip on a different day of last week. From the clues can you discover the day on which each person went on their trip, the distance that they travelled, and the type of cycle used.

## - CLUES -

1. The person who went cycling on Friday did not travel exactly 7 miles, nor did the person with the Mountain Bike.
2. Gary found his cycling trip very tiring, as he has a tandem, which he had to peddle alone, although he travelled 2 miles further than the person who went cycling on Monday.
3. The sports cycle was used on Tuesday.
4. The person who used the BMX went cycling the day before Basil.
5. Carol went cycling on Thursday, but Gary did not go cycling on Wednesday.
6. Carol does not own the Mountain Bike. Kathy did not cycle 3 miles, but the person with the sport cycle travelled 8 miles.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	MOUNTAIN BIKE	RACING CYCLE	SPORTS CYCLE	TANDEM	BMX	2 miles	3 miles	4 miles	5 miles	8 miles
ANTHONY															
BASIL															
CAROL															
GARY															
KATHY															
2 miles															
3 miles															
4 miles															
5 miles															
8 miles															
MOUNTAIN BIKE															
RACING CYCLE															
SPORTS CYCLE															
TANDEM															
BMX															



Name	Day	Type of Cycle	Distance (Miles)
ANTHONY			
BASIL			
CAROL			
GARY			
KATHY			

# 4 Charades

A family played charades at their annual party. Each person was given a different book title to mime, which was guessed by a different family member. Each family member made one correct guess. From the clues can you discover the book title given to each person, say who correctly guessed the answer, and the time taken to guess each answer.

## - CLUES -

1. "The Jungle Book" was guessed in 60 seconds.
2. Leslie's book title was guessed by Helen. "The Time Machine" was not guessed in 30 seconds.
3. Bruce's book title was guessed 15 seconds faster than the time in which "Pickwick Papers" was guessed. Jenny's book title was not guessed by Bruce.
4. Jenny correctly guessed "Pickwick Papers" which was not performed by Holly.
5. Leslie was not given "The Jungle Book" to mime, but Brighton Rock was the book title give to Helen. It was not guessed in 80 seconds.
6. Alec did not correctly guess a book title in 30 seconds.

		Guessed by														
		ALEC	BRUCE	HELEN	JENNY	LESLIE	BRIGHTON ROCK	PICKWICK PAPERS	THE CRUEL SEA	THE JUNGLE BOOK	THE TIME MACHINE	30 seconds	45 seconds	60 seconds	70 seconds	80 seconds
Performed by	ALEC															
	BRUCE															
	HELEN															
	JENNY															
	LESLIE															
	30 seconds															
	45 seconds															
	60 seconds															
	70 seconds															
	80 seconds															
	BRIGHTON ROCK															
	PICKWICK PAPERS															
	THE CRUEL SEA															
	THE JUNGLE BOOK															
	THE TIME MACHINE															



Performed by	Guessed by	Book Title	Time Taken
ALEC			
BRUCE			
HELEN			
JENNY			
LESLEY			

# 5 The Daily Blab

Five reporters working for the “Daily Blab” were each sent to a different part of the country to report on a story last week. By using the clues, can you discover the story reported on by each reporter, the town they went to, and the day of the week on which they reported the event.

## - CLUES -

1. Michael reported on the football match the day after a reporter went to Nottingham.
2. Laura reported on the circus, but Adrian did not go to Norwich.
3. The garden fête took place on Thursday.
4. Barry reported on an event in Coventry. This was the day before the wedding, but the day after the event in Bristol.
5. A reporter went to Norwich on Wednesday, but Donna did not carry out a report on Monday.

	CIRCUS	FOOTBALL MATCH	GARDEN FETE	THEATRE PLAY	WEDDING	BRISTOL	COVENTRY	DERBY	NORWICH	NOTTINGHAM	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
ADRIAN															
BARRY															
DONNA															
LAURA															
MICHAEL															
MONDAY															
TUESDAY															
WEDNESDAY															
THURSDAY															
FRIDAY															
BRISTOL															
COVENTRY															
DERBY															
NORWICH															
NOTTINGHAM															



Name	Event	Location	Day
ADRIAN			
BARRY			
DONNA			
LAURA			
MICHAEL			

# ANSWERS

## 1 Box Clever

CRAIG	CARDBOARD	WEDNESDAY	MARBLES
GEORGINA	CLAY	FRIDAY	SWEETS
PETER	PLASTIC	TUESDAY	JEWELLERY
RUTH	METAL	THURSDAY	MONEY
SCOTT	WOOD	MONDAY	DRAWING PINS

## 2 History Projects

ALICE	CHARLES II	BIRMINGHAM	5700 words
BRIDGET	VICTORIA	LIVERPOOL	5500 words
CLIFFORD	EDWARD VII	YORK	5000 words
MARTIN	GEORGE III	EDINBURGH	5300 words
SHIRLEY	HENRY VIII	OXFORD	5200 words

## 3 Cycle Trips

ANTHONY	MONDAY	BMX	3 miles
BASIL	TUESDAY	SPORTS CYCLE	8 miles
CAROL	THURSDAY	RACING CYCLE	7 miles
GARY	FRIDAY	TANDEM	5 miles
KATHY	WEDNESDAY	MOUNTAIN BIKE	2 miles

## 4 Charades

ALEC	JENNY	PICKWICK PAPERS	45 seconds
BRUCE	LESLEY	THE CRUEL SEA	30 seconds
HELEN	BRUCE	BRIGHTON ROCK	70 seconds
JENNY	ALEC	THE JUNGLE BOOK	60 seconds
LESLEY	HELEN	THE TIME MACHINE	80 seconds

## 5 The Daily Blab

ADRIAN	GARDEN FETE	NOTTINGHAM	THURSDAY
BARRY	THEATRE PLAY	COVENTRY	TUESDAY
DONNA	WEDDING	NORWICH	WEDNESDAY
LAURA	CIRCUS	BRISTOL	MONDAY
MICHAEL	FOOTBALL MATCH	DERBY	FRIDAY

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