Inference, Deduction and Problem Solving Booklet 1

Name:

About this Booklet

This booklet is all about the work that goes on in the office at St. Cuthbert's School, Brunton. You will have to read the texts, tables and charts carefully, to try and work out the answers and solve the problems.

Good Luck!

The School Office.
Inference, Deduction and Problem Solving 1

St Cuthbert's School Dinner Menu - week beginning 20th February 2017

	Meat option	**Vegetarian Option**
Monday	Moroccan Chicken Rice Broccoli or Salad Oatmeal Cookie	Vegetarian Sausage & Gravy Diced Potatoes Broccoli or Salad Oatmeal Cookie
Tuesday	Roast Beef and Yorkshire Pudding Dry Roast Potatoes Cabbage, carrots or salad Mixed Cold Desserts	Quorn burger, Yorkshire Pudding Dry Roast Potatoes Cabbage, carrots or salad Mixed Cold Desserts
Wednesday	Beef Meatball and Gravy Pasta Broccoli or Salad Banana Flapjack	Pizza Sweet Corn or Salad Banana Flapjack
Thursday	Roast Pork and Gravy Dry Roast Potatoes Broccoli or Cauliflower and Carrot mix Mixed Cold Desserts	Bean & Cheese Yorkie Dry Roast Potatoes Broccoli or Cauliflower and Carrot mix Mixed Cold Desserts
Friday	Baked Fish Fingers, Ketchup and Chips Baked Beans or Salad Chocolate and Cherry Muffin	Neapolitan Pasta Garden Peas or salad Chocolate and Cherry Muffin

The School Office, Inference, Deduction and Problem Solving 1 Questions

School Dinners

1.	What do you think 'mixed cold desserts' might be?
2.	What date will Wednesday be?
3.	For the pizza served on Wednesday, which of these toppings will NOT be included; GREEN PEPPER MUSHROOMS PEPPERONI CHICKEN CHEESE Why?
4.	On which day is it traditional to eat fish? (Use your knowledge and the evidence on the menu.)
5.	On which day is Roast Pork served?
6.	Which day's food would you like to eat? Why?
7.	A school dinner costs £2.20, how much will a week of dinners cost?
8.	If there are 7 weeks in a half term, how much will a half term of school dinners cost if four days are lost through absence?
9.	On which day is Quorn Burger served?
10.	Chips are very popular but why do you think they are served only once a week?

The School Office, Inference, Deduction and Problem Solving 2

Here is a telephone conversation which took place between the school office manager and the chairperson of a local football team.

Mrs Furze	Good Morning, St. Cuthbert's Primary School. Mrs Furze speaking, how can I help you?
Mr Randall	Hello there. My name is Peter Randall. As you may know I'm the owner of Brunton City football club. I was wondering if it would be possible to speak to Mrs Revell?
Mrs Furze	Could I ask what it concerns Mr Randall?
Mr Randall	Of course, I was wondering if it would be possible to bring some our first team players to do some football training with your Year 5 and Year 6 boys?
Mrs Furze	Mrs Revell is in a meeting at present but I'm sure I can get her to call you back. Could I just clarify something Mr Randall?
Mr Randall	Of course, fire away.
Mrs Furze	You said your players would like to train with our boys, would this mean that girls would not be able to participate?
Mr Randall	Well, Mrs Furze, I've been involved in football for over thirty five years and I am of the opinion that girls' time at school is better spent learning to cook, sew and clean and boys are far better at football so teaching girls is a waste of time.
Mrs Furze	I shall pass your message on to Mrs Furze and I'm sure, if she can find time away from cooking Mr Furze's supper, cleaning the kitchen and sewing a button on his shirt, she will call you. Goodbye.

The School Office, Inference, Deduction and Problem Solving 2 - Questions

Telephone Conversation

1.	Who answers the phone?
2.	Who is calling the school?
3.	What is he proposing?
4.	Why can't Mrs Revell come to the phone?
5.	Who would be excluded from Mr Randall's proposal?
6.	Do you think this is fair? Why?
7.	How does Mr Randall think girls should spend their time?
8.	Do you think Mrs Revell really is spending her time looking after Mr Revell? Why do you think Mrs Furze says she is?
9.	Do you think Mrs Revell will ring him back? Give reasons.
10.	If she does ring him back, what do you think she might suggest?

The School Office, Inference, Deduction and Problem Solving 3

Mrs Revell, the head teacher, has asked the office staff to type up this description of St Cuthbert's School

An Overview

St Cuthbert's Primary School is a friendly and welcoming school situated on the southern outskirts of Brunton. The school was originally situated in Brunton town centre but in 1997 moved to new purpose built premises close to the River Warley and Brunton Country Park. It has excellent transport links.

The school has 140 pupils on roll from Reception to Year 6. Plans to build a Nursery have had to be postponed until sufficient funding can be sourced but hopefully this will take place in 2018.

The school boasts excellent facilities, an I.T. suite, a modern, well-stocked library, a stage and auditorium for performances and assemblies and extensive playing fields. There are plans to build an indoor swimming pool in 2019 for shared community use.

Mrs Georgina Revell was appointed head teacher in 2012 when she took over from Mr Roger Burnett who had led the school for over thirty years. Mrs Revell has built a highly-committed and enthusiastic teaching staff and an excellent team of support staff who contribute enormously to the smooth running of the school and the wellbeing of all the pupils.

Results at both Key stages have seen steady and pleasing progress though there is always room for more improvement. Mrs Revell has set important targets which she aims to achieve with the help of the staff.

Achievements 2016/2017

- Melanie Sands and Agnieska Pawliszcze represented the school at the County cross country running championships.

- Nathan Hope, Claire Norton and Connor Cole have been chosen to represent Brunton in the county Gymnastics competition.

- A team of Year 5 and Year 6 boys and girls reached the final of the local hockey tournament.

- Danius Ziloniene regularly plays clarinet in the county youth orchestra.

- Jacek Romanska has been chosen to represent the county in a chess championship in April in Leeds.

The School Office, Inference, Deduction and Problem Solving 3 - Questions
An Overview

1.	Where is the school located?
2.	How many years ago did the school move?
3.	What is the name of the river near the school?
4.	If the school has doubled in size since it moved, how many pupils were on roll in 1997?
5.	When is the swimming pool planned to be built?
6.	Why have plans to build a nursery been postponed?
7.	How many head teachers has the school had in the last thirty five years?
8.	How many pupils represented the school at the cross country championship?
9.	What instrument does Danius play?
10.	Where is the chess tournament?

The School Office, Inference, Deduction and Problem Solving 4

Here is part of a class list that Mrs Furze in the school office has been asked to type up. Use the data and information on this page to answer the questions on the next sheet.

Miss Framptons's Year 6 Class, names N to Z					
Family name	First name	Gender	Date of birth	Next of kin	Notes
Norton	Claire	F	12/04/07	Sarah Norton	Left handed
Pawliszcze	Agnieska	F	03/01/07	Pavel Pawliszcze	
Peters	Paul	M	26/03/07	Melanie & Tom Peters	
Peters	Philip	M	26/03/07	Melanie & Tom Peters	
Porter	Daniel	M	05/11/06	Catherine Jones	Vegetarian, left handed.
Potterton	Sophie	F	01/09/06	Denise & David Potterton	
Powell	Esme	F	01/04/07	Dennis Powell	
Raine	Jack	M	24/12/06	Kate Raine	Allergic to peanuts
Romanska	Jacek	M	01/01/07	Elli Romanska	Vegetarian
Sands	Melanie	F	30/08/07	Jenny & Dan Sands	
Smith	Hugo	M	25/12/06	Michaela Smith	Visually impaired
Smith	William	M	12/03/07	Fiona Townend	
Turnbull	Grace	F	24/12/06	Sarah Turnbull	Allergic to plasters
Ziloniene	Danius	M	30/12/06	Zbigniew Ziloniene	Left handed

The School Office, Inference, Deduction and Problem Solving 4 - Questions

Miss Framptons's Year 6 Class, names N to Z

1.	Who is the oldest pupil on the list?
2.	What do you notice about Paul and Philip Peters?
3.	Which two pupils were born on Christmas Eve?
4.	How many more boys than girls are there on the list?
5.	Who is allergic to plasters?
6.	How many children are left-handed?
7.	Who might need to sit at the front of the class? Why?
8.	Who was born on New Year's Day?
9.	Who is the youngest pupil on the list?
10.	If this is half of the class list, how many pupils do you think are in the whole class?

The School Office, Inference, Deduction and Problem Solving 5
School Trip Letter

St Cuthbert's Primary School,

Park View South,

Brunton

BR1 4RR

Tel: 01352 556226

Fax: 01352 556227

Www: Stcuthbertsschool.com

3rd February 2017

Dear Parents/ Carers,

Year 6 trip to Shibley Manor Friday 24th March.

We have an exciting trip planned for later in the term. On Friday 24th March we shall be visiting Shibley Manor 11 miles South west of Brunton. This visit will be an important part of our Tudor topic this term.

Shibley Manor is a beautiful Elizabethan manor house set in stunning park land. We shall be learning about the lives of ordinary adults and children in Elizabethan times.

The children will need to wear school uniform, sensible shoes and have a warm coat as we plan to walk through the grounds.

They will also need a packed lunch, which we will eat in the manor itself. A drink will need to be included but no glass bottles or fizzy drinks please. If your child qualifies for a free school dinner, this will be provided.

The cost of the trip will be £10. If enough contributions are not received, we may have to cancel the trip. Please let us know if you give permission for your child to attend the trip. Also please let us know if you would be willing to be a volunteer helper.

Yours sincerely,

Miss Frampton
Class 6 teacher

1.	What is the telephone number of the school?
2.	How many weeks will pass between the date of the letter and the date of the trip?
3.	Where is the trip going?
4.	Why are the pupils going there?
5.	How many miles will the return journey to Shibley Manor be?
6.	Where will the packed lunch be eaten?
7.	Why are glass bottles not allowed on the trip?
8.	Why should the children bring sensible shoes?
9.	If all but 3 children of the 28 in the class paid for the trip, how much money would be raised?
10.	Who is the class teacher?

The School Office, Inference, Deduction and Problem Solving 6

Directions Around St Cuthbert's School

Turn right as you enter the school and you will see the school office. Sign in and get a Visitor's Badge. On the opposite side of the office there are swing doors which lead you into a corridor. There are three doors on the left hand side. The first door is the ladies toilet, the middle door is the gent's toilet and the third door is a store cupboard, it is locked and has a 'No Entry' sign on it.

Opposite the middle door is the door into the library. At the end of the corridor is a double door which leads you into the main school hall. This is a large room with a stage at the left hand end of the hall. On the opposite side of the hall to the entrance is a counter and hatch where school dinners are served. Behind this is the school kitchen. At the right hand end of the hall is a large cupboard where all the P.E. equipment is stored.

The School Office, Inference, Deduction and Problem Solving 6 - Questions
Directions Around St Cuthbert's School

1.	What two things should you do at the school office?
2.	What is opposite the school office?
3.	What sign might you see on the second door down the corridor?
4.	Where would you find the door into the library?
5.	As you enter the hall what will you see opposite you?
6.	Where is the P.E. equipment stored?
7.	Using these directions, try and draw and label a simple plan of the school.

The School Office, Inference, Deduction and Problem Solving 7

Eileen Furze, the office manager, has written this account of her time working at St. Cuthbert's School.

My name is Eileen Furze and I am the school secretary at St Cuthbert's Primary School (actually my job title is Office Manager but people always call me the school secretary). 2017 is a big year for me. On March 17th (as well as being St Patrick's Day) it will be my birthday and an important birthday it is too! I shall be 65 and, after 32 years working at St Cuthbert's, I have decided to retire.

It is an event about which I have mixed feelings. There are things that I shall miss and there are things that I won't miss. I shall miss my colleagues (most of them) and I shall miss the children (most of them). I shall not miss some aspects of my work. When I first started working here all the technology I had in the office was a typewriter. I remember when we got our first calculator, it was huge, very expensive but made my job a lot easier. Nowadays, everything I do is computerised. They say it makes life easier but sometimes it drives me mad with frustration!

I'm looking forward to being able to spend more time with my husband Derek. He is going to retire this year too. We both like ballroom dancing (you know, like they do on Strictly Come Dancing). We will be able to take part in competitions all over the country and we hope to go on a dance-themed cruise around the Mediterranean.

I've been happy at St Cuthbert's, I've enjoyed working with different head teachers, I especially enjoyed working with Roger Burnett, he was a true gentleman. I have not always seen eye-to eye with Mrs Revell, there are some aspects of her leadership that I shall not miss but I do think that she has the best interests of the children as her priority.

I'm sure there will be tears, sadness but much happiness too on March 17th but I am ready for a new chapter in my life.

The School Office, Inference, Deduction and Problem Solving 7 - Questions

Eileen Furze

1.	Where does Eileen Furze work?
2.	What is her official job title?
3.	In which year was she born?
4.	In which year did she start working at the school?
5.	What was the only technology she had in the office when she started?
6.	What is her husband's full name?
7.	Of the two head teachers that she has worked with, who was her favourite?
8.	Which phrase does Mrs Furze use to suggest that she hasn't always got on with Mrs Revell?
9.	Which two activities is Mrs Furze planning to do with her husband when they both retire?