

# Table of Contents

---

Introduction.....	4	Craft Fun	
Logic Puzzles		Beeswax Castle Candles .....	37
Three Logical Lunches.....	5	Scented Gift Candle .....	38
Peter's Puppies .....	6	Bedroom Banner .....	39
Shopping Spree .....	7	Name Art.....	40
Card Crazy .....	8	Pantyhose Masks .....	41
Sister Sums.....	9	Marvellous Mosaics .....	42
Let the Truth Be Told.....	10	Weave a Basket .....	43
Feelings.....	11	Sponge Stencil Printing.....	44
All in the Family .....	12	Origami Crane .....	45
English		Kitchen Experiences	
Following Directions.....	13	Powdered-Milk Paint .....	46
Imagine It!.....	14	Humidity Harvest .....	47
Floral Emblems.....	15	Goopy Goop.....	48
Say That Again .....	16	Egg-ceptional Sandwiches .....	49
Secret Ingredients.....	17	Bacon, Lettuce & Tomato.....	50
Surprise Story.....	18	Dessert Sandwiches .....	51
Geography Jumble.....	19	Ice-Cream Sandwiches.....	52
The A to Z of Everything .....	20	Plan a Sandwich Party.....	53
At the Zoo .....	21	Leaping into Literature	
Word Puzzles		The Lion and the Mouse .....	54
Decoding Shakespeare .....	22	The Cat and the Mice .....	55
Word Builder .....	23	The Great and Little Fish.....	56
Magic Word Squares .....	24	The Donkey in the Lion's Skin .....	57
Rebus Quote .....	25	Animal Act .....	58
Homonym Hunt.....	26	The Tortoise and the Hare.....	59
Look Closely .....	27	The Fox and the Crow .....	60
Metamorphosis .....	28	Winning with Words .....	61
Maths Puzzles		Backyard Exploration	
Sharing the Cake.....	29	Garden Hose Fun.....	62
Floor Plan .....	30	Trail Markers .....	63
Number Challenge.....	31	Surprising Sprouts .....	64
Pascal's Triangle.....	32	Worm Relay .....	65
Fibonacci Sequence .....	33	Fixing the Planet.....	66
Consecutive Numbers .....	34	Sleeping Under the Stars .....	67
Multiplication Mountain .....	35	Moon Gazing .....	68
A Magic Trick .....	36	Answers.....	between pages 34 and 35



# Introduction

***Challenge Your Child*** is designed to provide a wide range of fun learning experiences for your youngster. Varied formats tap into all levels of cognition, from basic knowledge to more complex abilities such as comprehension, application, analysis, synthesis and evaluation. Encourage your child to think on all these levels by recalling, applying, organising and assessing learned material.

Take an active role in your child's learning. Guide your child through the activities in this book, focusing on those that are best suited to him or her. Reluctant readers may need help with directions in order to complete some activities. Use the activities as a springboard for further investigations. The level of interest you show will serve to increase your child's motivation.

You will see an important icon in this book that appears on pages that require adult permission, supervision or other assistance. Make sure your child understands the importance of asking for help to complete these activities.



The answers to activities, which are easily removable, are provided at the centre of this book for easy self-checking.

# Three Logical Lunches

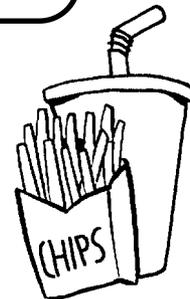


analysis

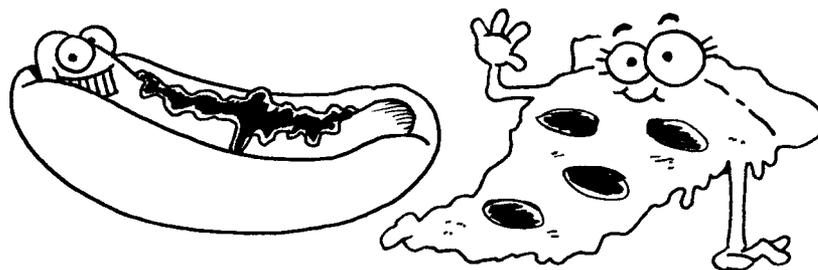
Three friends, Jenna, Yoriko and Lori, went out for lunch. One girl drank milk, one drank soft drink and one drank juice. One girl ate chips, one ate pizza and one ate a hot dog. Read the facts to determine what each girl ate and drank. Use the chart to help you.

**Facts:**

1. The girl who ate chips also drank soft drink.
2. The girl who had pizza did not order juice.
3. Jenna did not order soft drink or juice.
4. Lori did not eat chips.



	milk	soft drink	juice	chips	pizza	hot dog
Jenna						
Yoriko						
Lori						



**Brain Booster:** If the last two facts were changed to read 'Jenna drank soft drink' and 'Lori did not eat pizza', what did Yoriko eat and drink?



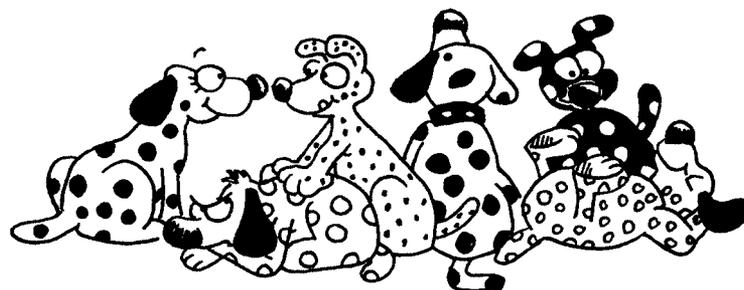
# Peter's Puppies

Peter has three puppies: Rex, Squeak and Jasper. One puppy is white, one is black and one is brown. One puppy has black spots, one puppy has brown spots and one puppy has white spots. Read the facts to determine what each puppy looks like. Use the chart to help you.

**Facts:**

1. Squeak is either brown or white.
2. If the black puppy has white spots, the white puppy has brown spots. If the white puppy has black spots, then the brown puppy has white spots.
3. Rex, who is white, does not have brown spots.

	white	black	brown	black spots	brown spots	white spots
Rex						
Squeak						
Jasper						



**Brain Booster:** If the third fact read, 'Rex, who is white, does not have black spots', what colour spots would the brown puppy have?

# Shopping Spree

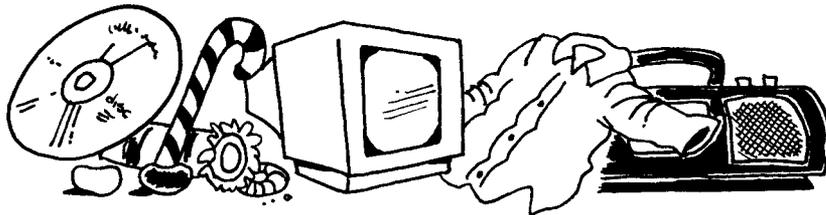


Karl won \$1000 in the school raffle. He spent most of his money on a shopping spree. Determine the order in which he went to four different stops (Music Mania, Eddie's Electronics, Clothes Horse and Jim's Lolly Hut). Use the chart to help you sort out the facts.

**Facts:**

1. Karl spent less than \$100 at the first stop.
2. Karl stopped at Clothes Horse before Eddie's Electronics but after Jim's Lolly Hut.
3. Karl bought five CDs at Music Mania. Each cost \$30, including GST.
4. Music Mania was either Karl's first or second stop.

	first	second	third	fourth
Music Mania				
Jim's Lolly Hut				
Clothes Horse				
Eddie's Electronics				



**Brain Booster:** If the fourth fact read, 'Music Mania was either Karl's first or third stop', which stop was his second stop?