

## From the Editor's desk...

Dear colleagues,

Summer time is back and so is our special issue of activities to keep you and your family engaged to beat the heat.

These activities should keep people of all ages engrossed and light up faces with happiness when they find the solution (without the help of answers given at the end of the book!).

Could we take a resolve to make at least one person happy everyday through our action, thought and/or deed?

Imagine if each of us do this, what a happy Sanmar family we would be! Extend this and we have a happy Nation.

Best wishes,

*Lanada Jagan*

### Source:

- *Activity by Handy Activity Series*
- *Wise Wooly's General Knowledge Activity Book*
- *Word Game by Solve It*
- *Brain Builder by Charles Philips*
- *how to think 50 puzzles by Charles Philips*

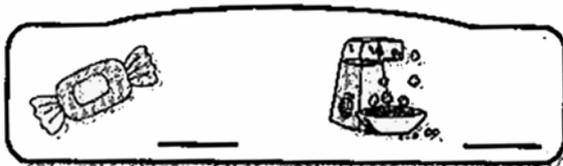
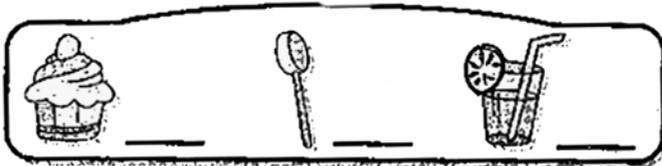


# Activity 1

# Count the Treats

(Age: 5+)

How many pieces of each object are there in the picture?



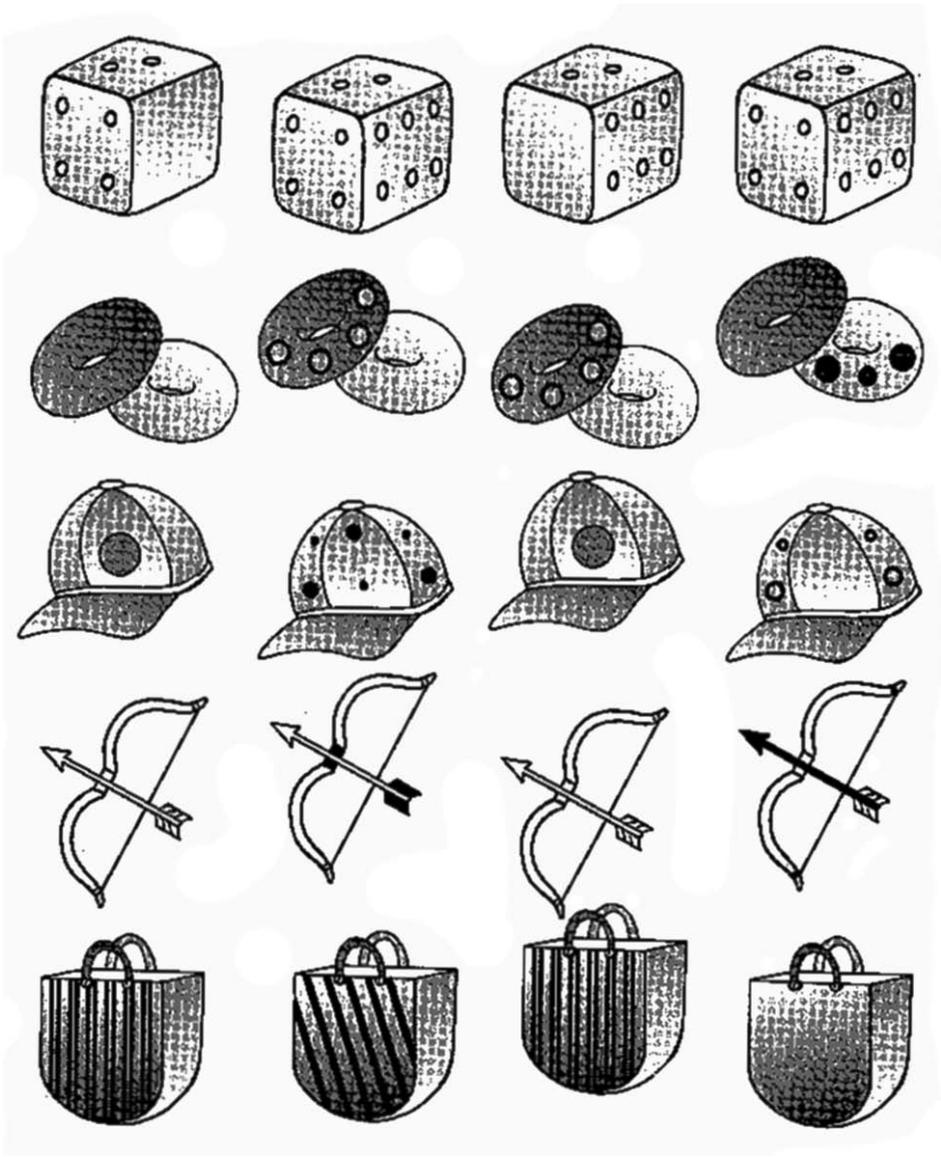
**Activity 2**      **Where's my Baby?**      (Age: 6+)

Can you help these baby animals find their mothers? Trace paths through the maze for them.



# Activity 3 Find the Twin (Age: 6+)

In each row, circle the pictures that are alike.



**Activity 4** **Odd one out** (Age: 6+)

In each row, circle the odd one out.



## Activity 5

## Math Puzzle

(Age: 6+)

Fill in the correct numbers to complete the math puzzle.

16	-	12	=	
-				+
	+	9	=	17
=				=
8	+		=	

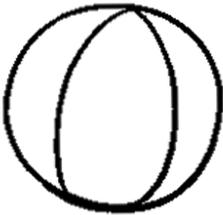
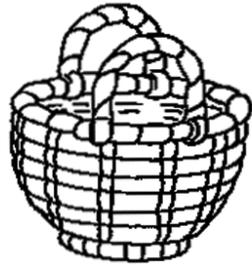


# Activity 6

# Unscramble

(Age: 8+)

Unscramble the letters to find the name of each object. Colour the pictures.



ULABMLRE

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RCA

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TENKABL

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NORAP

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LABL

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TEKSBA

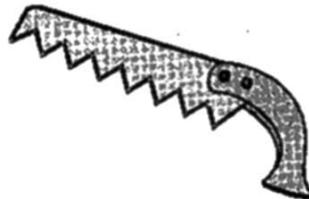
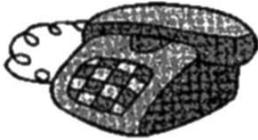
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**Activity 7**

**Only the B's**

(Age: 8+)

Circle all the objects which start with the 'b' sound.

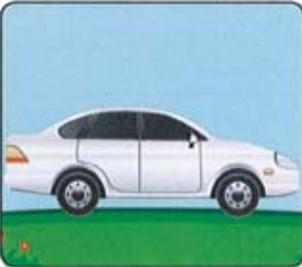
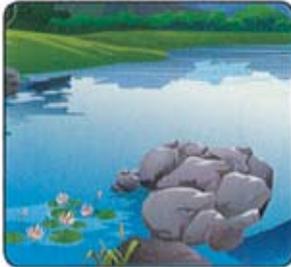
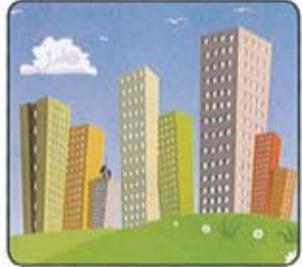


## Activity 8

# Man or Nature

(Age: 8+)

Look at the pictures below. Some of them are nature's creations and some of them are created by man. Tick the natural ones and cross out the man-made ones.



## Activity 9 Material Mayhem (Age: 10+)

Materials are used to make a product. Can you guess the materials used to create the objects below? Write the correct material in the boxes. Use words from the help box.

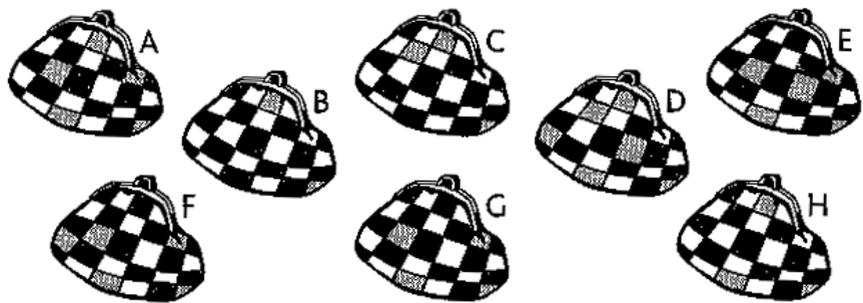
egg wax plastic metal flour clay wool



**Activity 10** **Sheela's Purse** (Age: 10+)

Sheela visits her favourite local department store. She handles each of the purses in turn before randomly replacing them after she makes her choice. Below are pictures of the display before and after Sheela's visit. Which one does she buy?

Before



After



## Activity 11

# Countrywide

(Age: 10+)

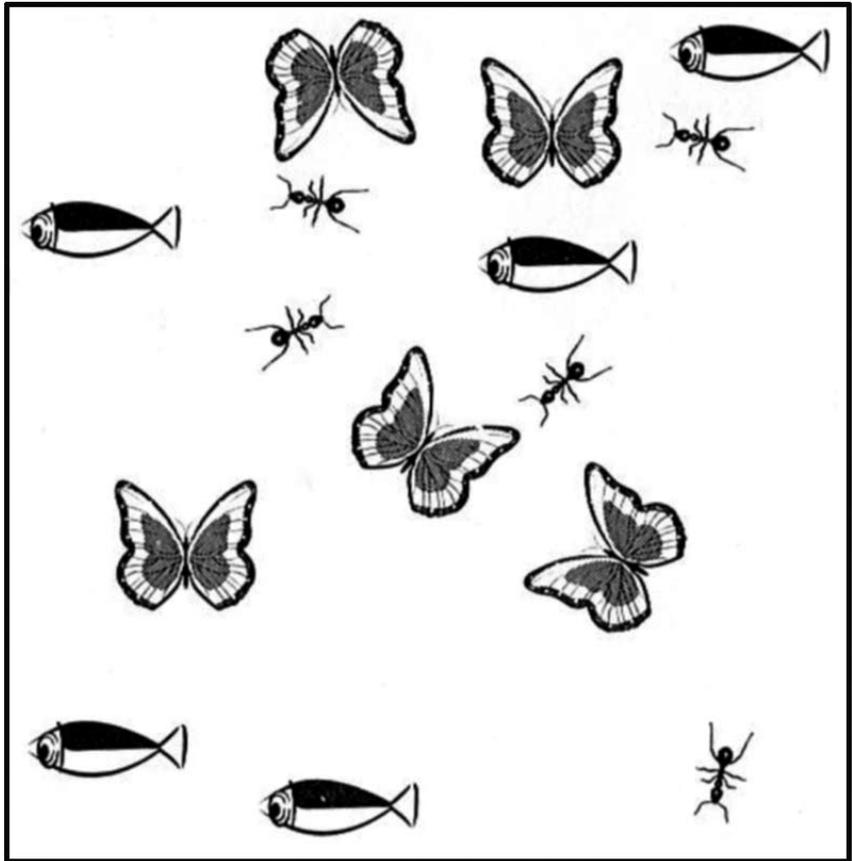
Shyam is playing a video game called Countrywide in which players build a life in the country, initially by taking over and running a farm. One task is a scarecrow based 'spot the difference'. Every scarecrow differs in one way from the others. Can you help Shyam spot the one variation in every case?



Look at the crow as well as the scarecrow.

# Activity 12 Water and Air (Age: 10+)

The challenge is to use just three straight lines to divide this square into five areas each of which contains just one butterfly, one ant and one fish.



Should the lines cross? What do you think?



## Activity 13

## Number Search

(Age: 10+)

Your task is to make the calculations in the clues below, then find the answers in the grid in the way you would look for a word in a word search puzzle. The answers in the grid may run backward as well as forward, in either a horizontal, vertical or diagonal direction, but always in a straight, uninterrupted line.

a)  $83 + 78 + 278 + 8919$

f)  $8903 - 38$

b)  $9874 + 391 + 84512$

g)  $4887 + 19900$

c)  $3982 + 3893$

h)  $388 \times 38$

d)  $382 \times 111$

i)  $93939 \times 8943$

e)  $788951 + 43789$

j)  $85189 + 39438$

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



Only one of the numbers runs vertically.

**Activity 14**   **Animals, Homes & Sounds**   (Age: 10+)

Identify the animals, the homes they live in and the sounds they make.

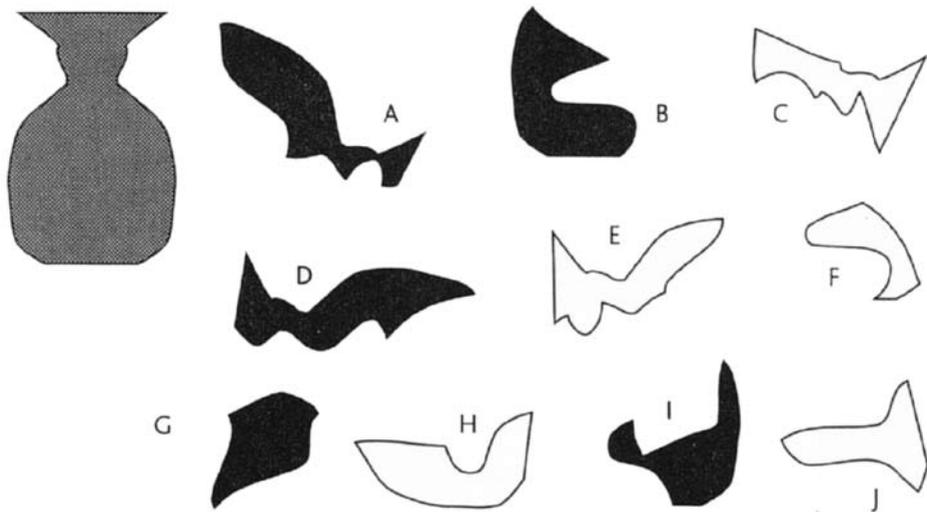


## Activity 15

## Form the Vase

(Age: 10+)

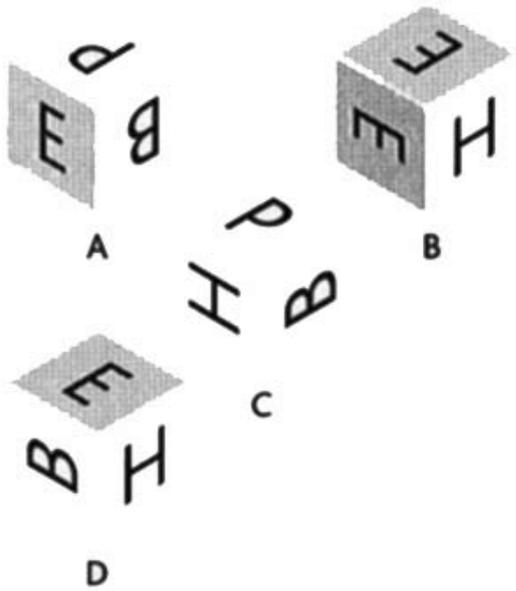
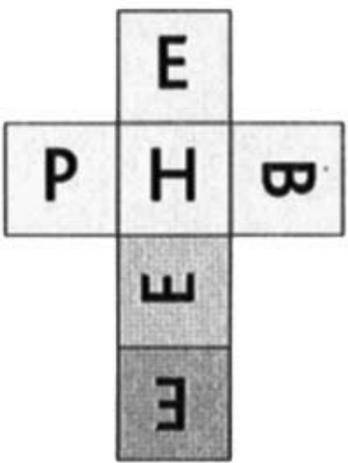
Reassemble two black and two white pieces to form the vase shape. The pieces may be rotated, but not flipped over.



Try turning piece A anti-clockwise.

**Activity 16** **Letter Dice** (Age: 10+)

When the flat-pan below is folded to form a cube, which of the following can be produced?



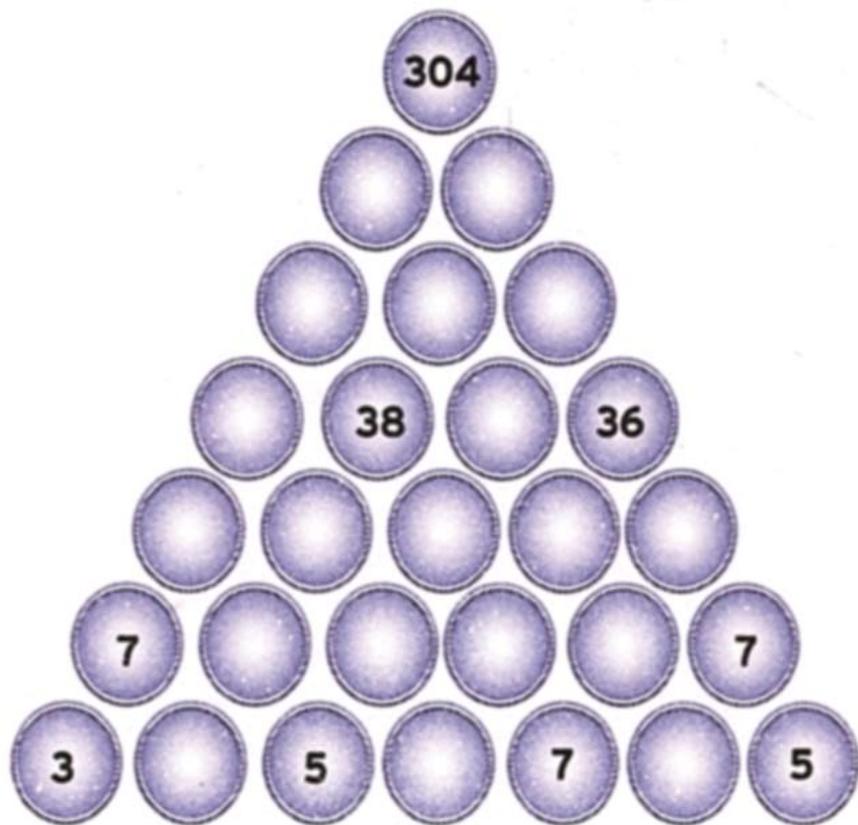
Think about which letters you will find on adjoining faces on the finished cube.

## Activity 17

## Cakes

(Age: 10+)

Can you complete the numbers on this cake mountain? The number on each cake is the sum of the two numbers on the cake beneath it. No one is allowed to eat any cakes before the numbers are filled in.



The best place to start is probably at the bottom right. Don't get stuck trying to fill the puzzle line by line. Sometimes, you have to work back down from higher numbers to plug some gaps.

**Activity 18****Unscramble****(Age: 10+)**

Unscramble the Indian festivals.

LOIH
RIOLH
HBUI
NLPOAG
MONA
WIADL
AAANMSTMHIJ
ADRGU JOAPO
ESSHUARD
RMAAK NINAAKRTS
GSHAEN CIATTURHH
HAAEEVRM JAANYIT
DDAUHB OPNAMIOR

# Activity 19

# Ink Spot Muddle

(Age: 10+)

Pair each stamp with its correct print.



1



2



3



4



5



A



B



C



D

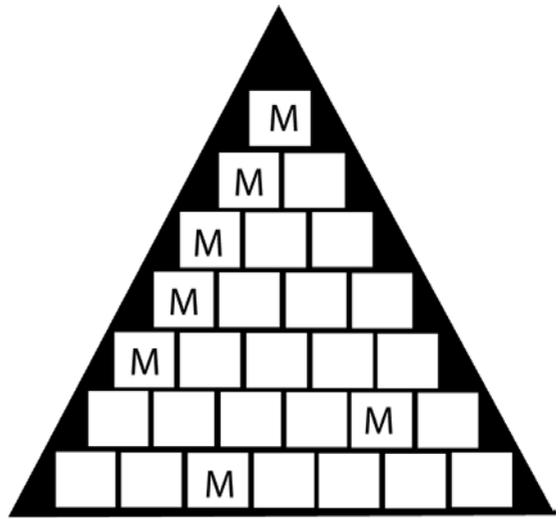


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# Activity 20 Alpha Triangle (Age: 12+)

Beginning at the top, move towards the bottom seven letter word by adding a letter at each step and rearranging. A correct and different word must be made at each step answering the clue given.

1. Bond's boss
2. Myself
3. People
4. Belonging to '2'
5. Shred
6. Earnings
7. Merge





## Activity 21

## Brain Teasers

(Age: 12+)

1. An old man wanted to leave all of his money to one of his three sons, but he didn't know which one he should give it to. He gave each of them a few coins and told them to buy something that would be able to fill their living room. The first man bought straw, but there was not enough to fill the room. The second bought some sticks, but they still did not fill the room. The third man bought two things that filled the room, so he obtained his father's fortune. What were the two things that the man bought and what was able to fill the room?
2. A boat has a ladder that has 6 rungs that are 12 inches apart. The tide moves up 12 inches every 15 minutes, it is now one hour until high tide. The very edge of the ladder is in the water. How many rungs will be under water all the way at the highest point of high tide?
3. A boy is stuck on a deserted island. There is a bridge to connect the island to the mainland. Halfway across the bridge there is a guard. The guard will not let anyone from the mainland to the island, or anyone from the island to the mainland. If the guard catches someone, he sends him or her back. The guard sleeps for 30 seconds and then is awake for 5 minutes. The island is surrounded by man-eating sharks, and the boy does not have anything with him except for his own shirt and his pants. It takes the boy 1 minute to cross the bridge. How does he cross the bridge without getting caught?
4. Mr. and Mrs. Agarwal have seven daughters. If each daughter has a brother, how many children do Mr. and Mrs. Agarwal have?
5. David walked into his house. He was about to hang up his coat when he heard his wife say, "No John! Don't do it!" There was a shot and the woman was dead. There was a police officer, a doctor, and a lawyer standing next to her. David knew that the police officer did it. How?
6. A man went into a party and drank some of the punch. He then left early. Everyone at the party who drank the punch subsequently died of poisoning. Why did the man not die?
7. Jack tells Jill, "This isn't the \$5 bill you left on the table. I found it between pages 15 and 16 of Harry Potter."

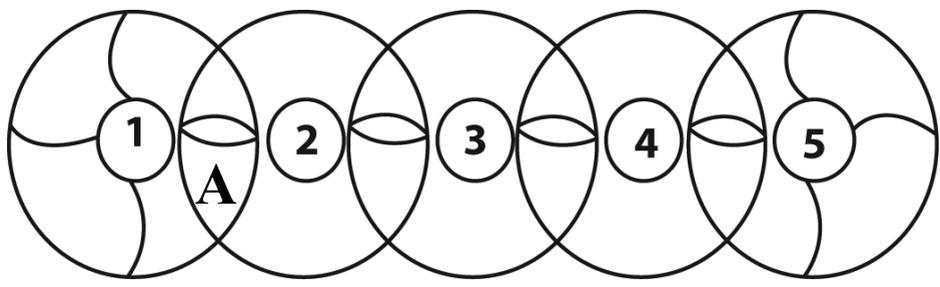
Jill retorts, "You're lying and I can prove it." How did Jill know?

# Activity 22      Disc Words      (Age: 12+)

Each disc is to contain a six letter word. Where the discs overlap, the letters also form part of the word on the overlapping disc. A word can start anywhere on the disc and may be written in either direction - clockwise or anti-clockwise as indicated by 'c' for clockwise and 'a' for anti-clockwise. The starting letter of the first clue is given to get you started.

- CLUES**

  - 1a Response
  - 2a India, for one
  - 3c Created public violence
  - 4c Fight back
  - 5a Not hard, sore



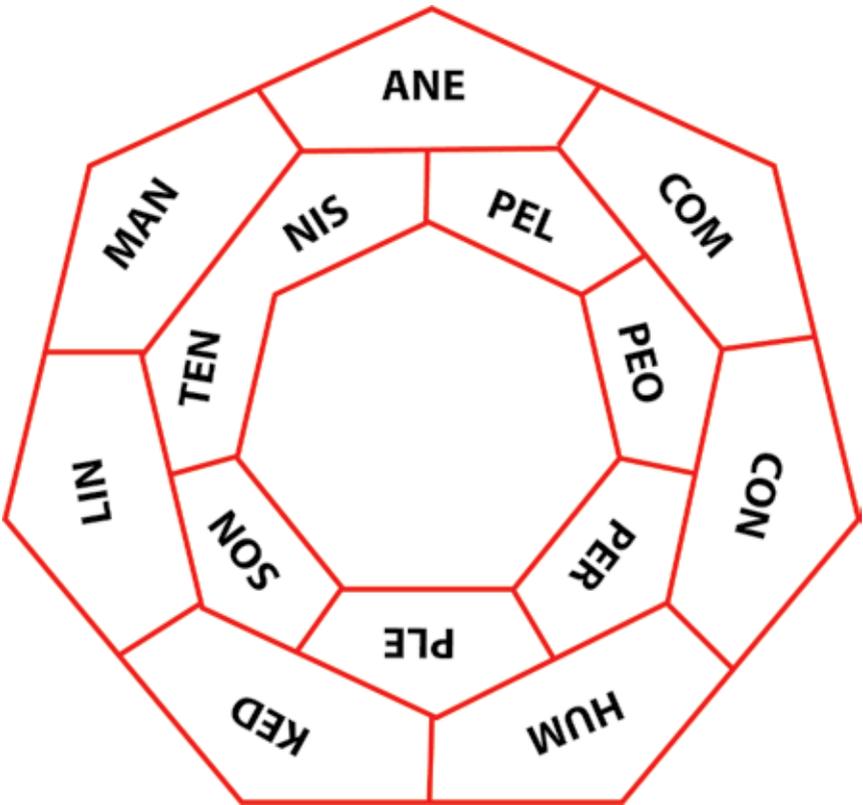
**Activity 23****Riddles***(Age: 12+)*

1. You can see me in the water, but I do not get wet.
2. What is harder to catch the faster you run?
3. What common English verb becomes its own past tense by rearranging its letters?
4. If you go to the movies and you're paying, is it cheaper to take one friend to the movies twice, or two friends to the movies at the same time?
5. What object has keys that open no locks, space but no room, and you can enter but not go in?
6. There is a green house. Inside the green house, there is a white house. Inside the white house, there is a red house. Inside the red house, there are lots of babies. What am I?
7. What goes through towns and over hills but never moves?
8. When I take five and add six, I get eleven, but when I take six and add seven, I get one. What am I?



**Activity 24** **Heptagon** (Age: 12+)

Arrange the 14 three-letter bits to make 7 six-letter words.





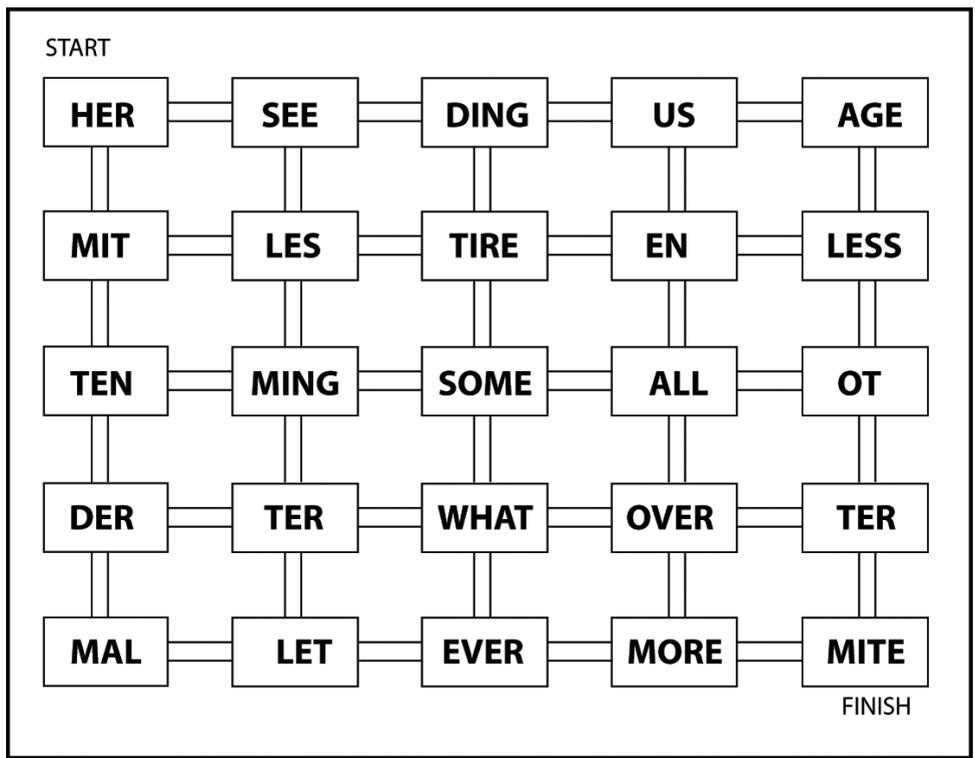
## Activity 25

# Chain Words

(Age: 14+)

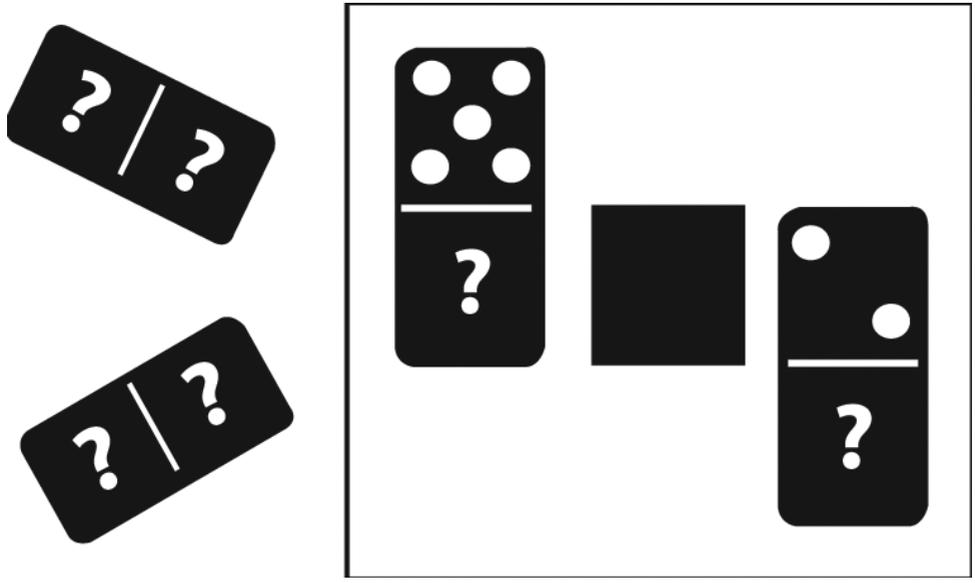
Keep connecting the blocks, to make a word, while moving in any direction from start to reach finish.

Note - You cannot use the same block again or go diagonally.



# Activity 26 Domino Challenge (Age: 14+)

Can you fit four different dominoes into the square below so that the horizontal and vertical sides of the square each total seven? I've placed two dominoes in their correct positions, but I haven't revealed how many spots (there are no blank faces) should be on the second faces of these dominoes. You'll need to work this out, as well as the locations of the other dominoes.



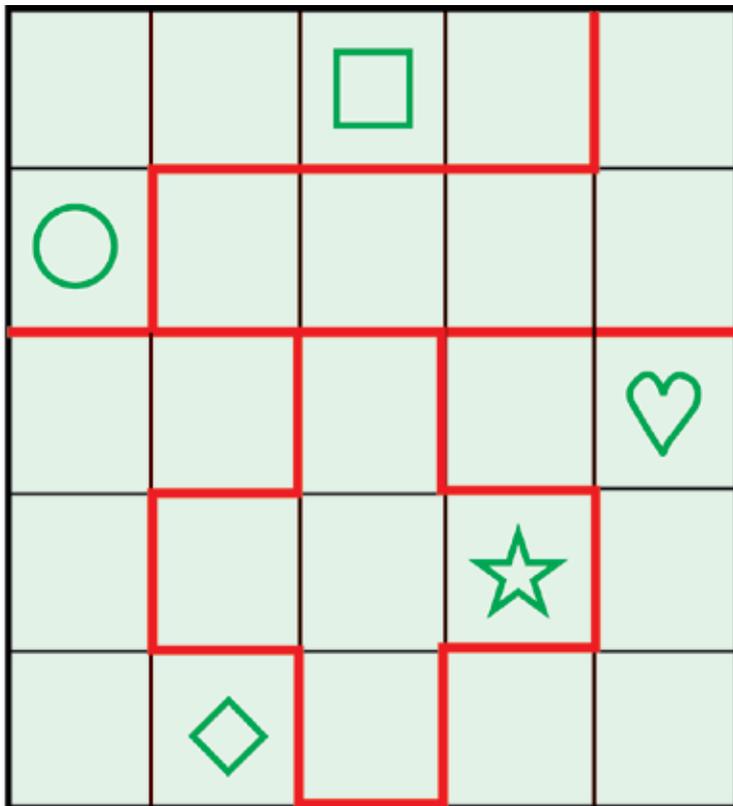
Because there are just four dominoes, this puzzle seems simpler than it is. Don't be put off if you can't find the solution immediately.

## Activity 27

## Neatfit

(Age: 14+)

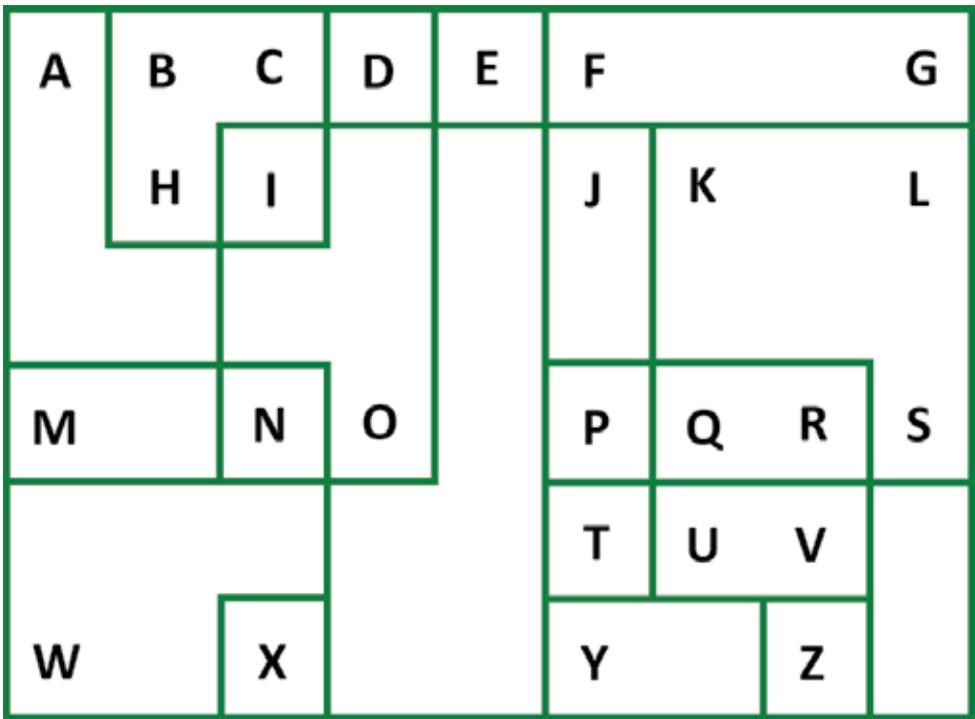
The task is to place the symbols into the grid in such a way that each row, each column and each of the outlined five-square sections contain one of each symbol. Some symbols are already in place.



The diamond appears twice in both diagonals.

# Activity 28 (Age: 14+) Square Deal

This rectangle contains a number of squares of various sizes. Can you count them all? The reference letters may help you to locate all the squares, for example, FGPS and PRYZ show just two of the squares.



In some parts of the design, a single letter is all you need to identify a square.

# Activity 29

# Doublets

(Age: 14+)

Place the letters in the grid to form two interconnecting words.



	O			

C D R R S S S W

M			

A D E I N R S T

	C			

A E O R R S W

# Activity 30 College Bicycle Bells (Age: 14+)

Five student friends are at University reading different subjects. Study the clues below to determine where each one has his or her lodgings, the subject he or she is taking at University, and the colour of his or her bicycle. Use the grid below to solve.

1. The student of History (not Anitha) lives in Street 4 and has neither the silver nor the green bicycle.
2. Ravi, who rides a startlingly bright orange bicycle, isn't studying History or Computing.
3. The student with lodgings in Street 5 is neither Rahul (who is studying Engineering) nor the student of Psychology (whose bicycle is neither green nor red).
4. The student with the silver bicycle is neither the one who lives in Street 3 (who is studying Computing) nor Radha, who lives in Street 2.

		LODGINGS					STUDYING					BICYCLE				
		Street 1	Street 2	Street 3	Street 4	Street 5	Computing	Engineering	History	Languages	Psychology	Green	Orange	Purple	Red	Silver
STUDENT	Ravi															
	Ram															
	Anitha															
	Rahul															
	Radha															
BICYCLE	Green															
	Orange															
	Purple															
	Red															
	Silver															
STUDYING	Computing															
	Engineering															
	History															
	Languages															
	Psychology															



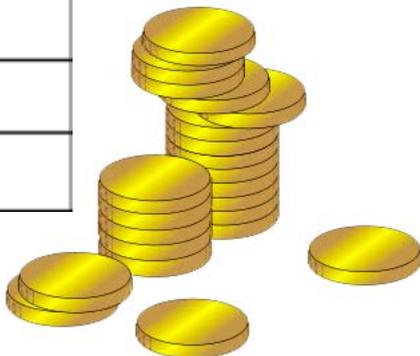
### Activity 31

## Coin Map

(Age: 14+)

Where a number appears on this grid, it shows how many coins are located in the squares (up to a maximum of eight) surrounding the numbered square, touching it at every corner or side. The squares with numbers written in them do not contain coins. There is only one coin in any individual square. Can you identify the coins by placing a mark in every square containing a coin?

	1					3	
0	1	2			2	3	
			4	3			
1							1
		1				4	
	2		1			4	
		1	1			4	
2	2				0	2	
			0			3	
		1					
3			2	1			
1					1	0	



# Activity 32 Rebus (Age no bar)

Rebus puzzles are little pictures, often made with letters, words and pictures, which cryptically represent a word, phrase, or saying.

Example

Answer: Once upon a Time

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**NIPS**

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**O\_ER\_T\_O\_**

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**CHIMADENA**

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**GRAVITY**

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**VIT\_MIN**

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**SGEG**

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### Activity 33

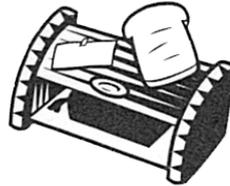
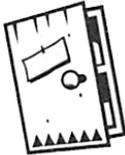
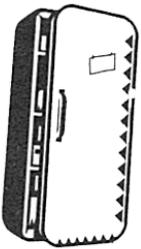
## Find the Note

(Age no bar)

Rahul comes home on his birthday to find that his brother has left four notes in the kitchen - one on the fridge, one on the cupboard door, one on the breadbox and one on the oven. He also left a fifth note on the front door that says, “Happy Birthday, Rahul. Your present’s in the kitchen. But only one note has the right clue. Find the note.”

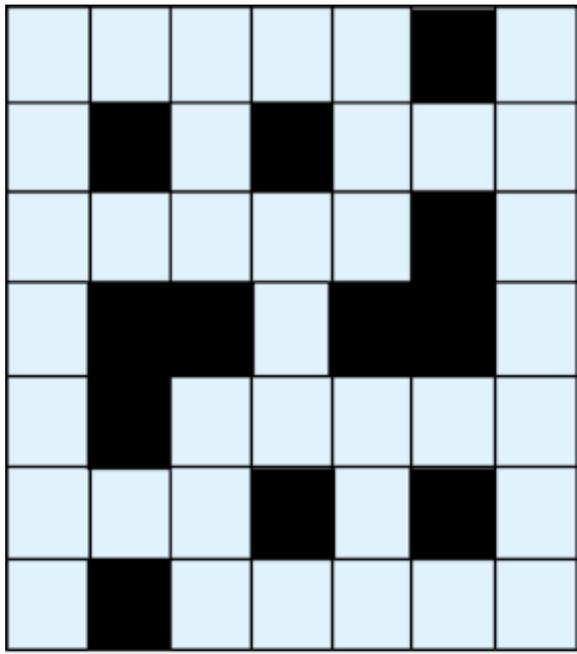
The four notes in the kitchen read as follows:

1. Fridge note - “Your birthday present’s in the cupboard or the oven!”
2. Cupboard note - “Your birthday present’s in the fridge or the breadbox!”
3. Oven note - “Your birthday present’s in here!”
4. Breadbox note - “Your birthday present’s not in here!”



# Activity 34 Grid Challenge (Age no bar)

The task is to find the right homes in the grid for all the listed numbers.



- |     |       |         |
|-----|-------|---------|
| 300 | 694   | 53378   |
| 345 | 788   | 64041   |
| 346 | 856   | 5432768 |
| 527 | 31576 | 5790731 |
|     | 38337 |         |



What is the longest unbroken sequence of empty squares? How many digits in the two long numbers?

# Activity 35 Maze 4 (Age no bar)

Your task is to find your way from any square on the top row of the grid to any square on the bottom row, passing only through numbers that will divide exactly by 4. No diagonal moves allowed!

36	22	78	70	30	40	12	13	52
40	94	96	80	16	54	30	77	72
42	74	48	54	76	64	44	68	92
60	56	28	22	98	86	18	22	36
80	69	12	30	40	36	32	62	52
84	78	20	88	24	46	72	50	64
92	38	22	90	66	34	96	34	70
16	24	32	28	50	38	76	16	56
22	46	14	82	94	82	62	26	88

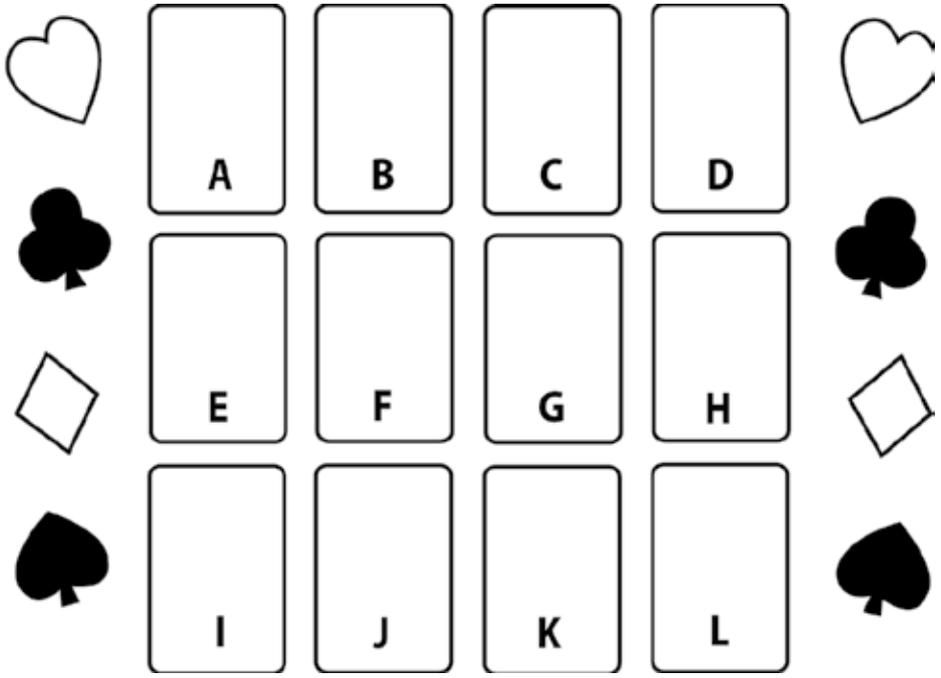


The first three squares on your journey lie on a straight line.

**Activity 36**      **Arrange the Cards**      *(Age no bar)*

Together the cards total 84. All twelve cards are of different values. (In the pack, the value of each card is as per its number, while Ace = 1, Jack = 11, Queen = 12 and King = 13.) No card is horizontally or vertically next to another of the same colour and there are four different suits in each horizontal row and three different suits in each vertical column.

1. The 6 is next to and above the 10, which is next to and above the 2 of Spades.
2. Card C has a value three lower than that of card F which has a value three lower than that of card L which has a higher value than that of card A.
3. The Ace of Hearts is next to and above a card with a value three higher than that of card H, which is one of the same suit as card C.
4. The Jack of Diamonds is in the same horizontal row as a club with a value two higher than that of card B.





### Activity 37

## Cryptoquip

(Age no bar)

To decipher a Cryptoquip, the solver must find each substitution and replace the Cipher letter with the correct letter. For example, THESE ARE THE TIMES THAT TRY MEN'S SOULS could become LZRSR MBR LZR LPFRS LZML LBQ PRA'S SNEJS.

Now, if the solver determines LZR is THE, the result would be  
THE\_E \_\_E THE T\_\_E\_ TH\_T T\_\_E'\_ \_\_\_\_

**Clue: S equals N**

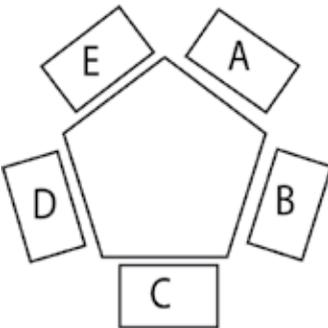
LDYDYJDL, RGD QLDTRDOR QKBR  
 KO SZR BZCSA KS T ORZLD SZL  
 CSADL T RLDD, JCR KS RGD  
 GDTLRO ZB RLCD BLKDSA O.

## Activity 38      Silence in the Library      (Age no bar)

In the faculty library, Robert and four other students are seated around the desk shown, all working very hard. Join them by studying these clues, to discover the name and surname (one of which is Holt) of the student in each seat, together with the subject he or she is reading about. The following clues contain all the information you'll need to complete the information table.

### CLUES

1. The five students are: Brian; the one reading a Biology book; the one surnamed Dart; the one (not Tina) reading a History book; and the person in seat A.
2. The five students are: Sue; the one reading a Chemistry book; the one surnamed Brown; the person in seat B; and the person in seat E.
3. Sue (whose surname isn't Jones), isn't sitting directly next to Brian.
4. Four of the students are: the one surnamed Fisher; the one reading an Art book; Louise; and the person in seat D.
5. Four of the students are: Louise; the one surnamed Jones; the one surnamed Brown (who isn't reading the Biology book); and the person in seat C.
6. Four of the students are: Sue (whose surname isn't Fisher); the student in seat A; the one reading a Geography book; and the one reading an Art book.



SEAT	NAME	SURNAME	SUBJECT

### Activity 39

## Trace the Moves

(Age no bar)

The task is to place the numbers in the grid so that 1-49 connect consecutively either horizontally, vertically or diagonally in any direction.

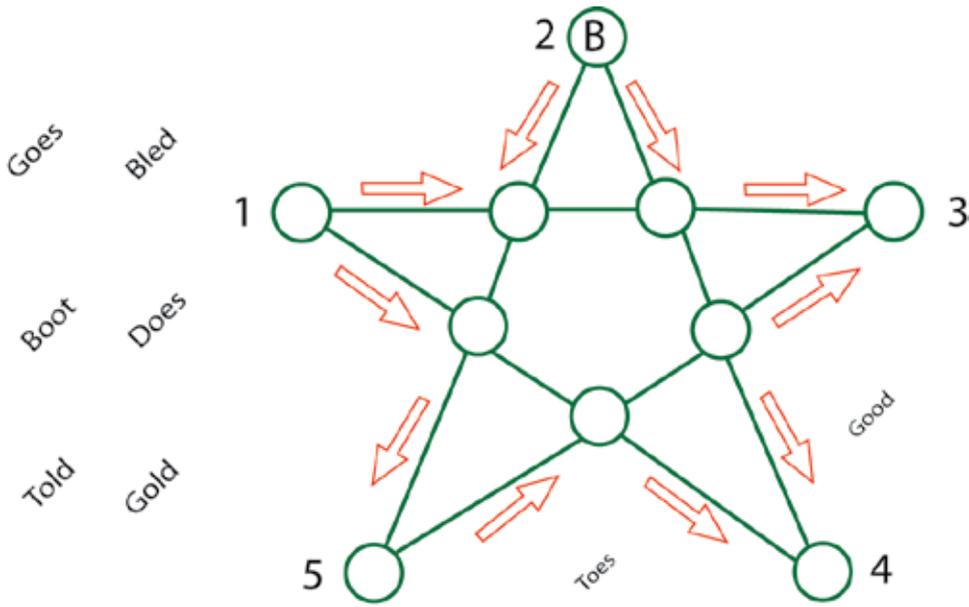
20			17			4
	15	16	1		36	
	24			34		6
23				40		7
26		42			39	8
30			49	48		
	28				47	10



There are two options for reaching the 4 in the top-right corner from your starting position at 1 - but only one will allow you to complete the later 34-35-36 move. Think diagonally.

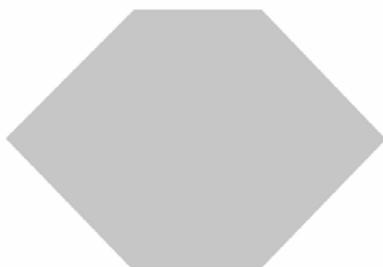
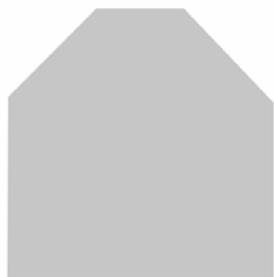
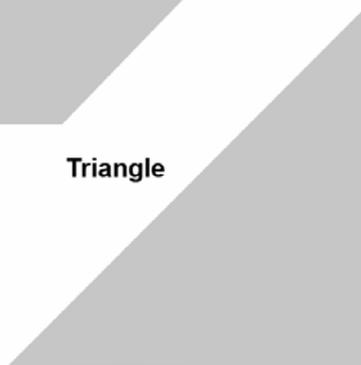
# Activity 40      Star Turns      (Age no bar)

There are eight words listed here, but you'll only need five of them - which of the five you choose is up to you! Write them in the star diagram, with one letter in each circle, to make five words reading in the direction of the arrows. One letter has been put in position to start off.



**Activity 41****Tangram***(Age no bar)*

Re-create the shapes shown below using the seven tangram pieces shown in black. In each case you must use all of the pieces of the original tangram and they may not overlap.

**Hexagon****Barn****Triangle****Tip**

Get started by forming the roof of the barn. Its central section looks like it's a square.

## Activity 42

## Figgerit

(Age no bar)

Answer as many definitions as you can. Transfer the letters of the words filled in the Quotation blanks below matching the numbers below each letter. Work back and forth from quotation to words for added help. The puzzle, when completed, will be a quotation.

- |   |           |           |           |           |           |           |           |           |          |           |       |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-------|
| 1) Sylvester ____, 'Rocky' of films ?     | <u>10</u> | <u>16</u> | <u>1</u>  | <u>13</u> | <u>13</u> | <u>25</u> | <u>9</u>  | <u>14</u> | _____    | _____     | _____ |
| 2) Graduating students                    | <u>15</u> | <u>17</u> | <u>18</u> | <u>12</u> | <u>36</u> | <u>26</u> | <u>23</u> | _____     | _____    | _____     | _____ |
| 3) Thunder and lightning events           | <u>39</u> | <u>19</u> | <u>25</u> | <u>35</u> | <u>7</u>  | <u>10</u> | _____     | _____     | _____    | _____     | _____ |
| 4) Symbol of Canada (5,4).                | <u>11</u> | <u>3</u>  | <u>4</u>  | <u>13</u> | <u>22</u> | _____     | <u>13</u> | <u>27</u> | <u>8</u> | <u>34</u> | _____ |
| 5) The best policy, according to proverbs | <u>2</u>  | <u>36</u> | <u>31</u> | <u>33</u> | <u>15</u> | <u>28</u> | <u>6</u>  | _____     | _____    | _____     | _____ |
| 6) Cricketer's headgear sometimes (6,3)   | <u>5</u>  | <u>30</u> | <u>38</u> | <u>1</u>  | <u>21</u> | <u>3</u>  | _____     | <u>29</u> | <u>8</u> | <u>16</u> | _____ |
| 7) Make low, whining sounds               | <u>37</u> | <u>32</u> | <u>20</u> | <u>24</u> | <u>4</u>  | <u>14</u> | <u>26</u> | _____     | _____    | _____     | _____ |

1    2 3 4 5 6    7 8 9    10 11 12 13 14 15  
16 17 18    19 20 21 22 23    24 25 26 27    \_\_\_\_\_  
28 29 30 31    32 33    34 35 36 37 38 39    \_\_\_\_\_



## Activity 43

## Wordmine

(Age no bar)

How many words of four or more letters can you make from the letters shown? In making a word, each letter may be used once only. Each word must contain the letter at the top of the pyramid. There should be at least one nine letter word. Plurals and proper nouns are not allowed.

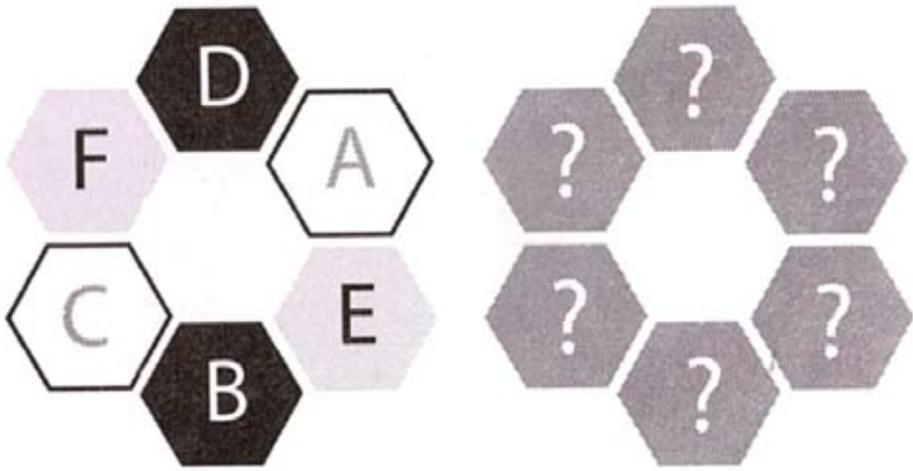
F  
I E I  
D G O L R



# Activity 44 Letter Mats (Age no bar)

Single large letters and are arranged in logical sequence. The letter mats shown (below left) have been rearranged (below right). Can you work out how the mats (left) could be arranged so that the following statements are all true:

1. The black hexagons are now touching one another.
2. F has moved and is now between two white hexagons.
3. Only one mat has not moved.
4. E is not next to C.



Remember, one of the mats is not moving.



## Activity 45

# Laxigram

(Age no bar)

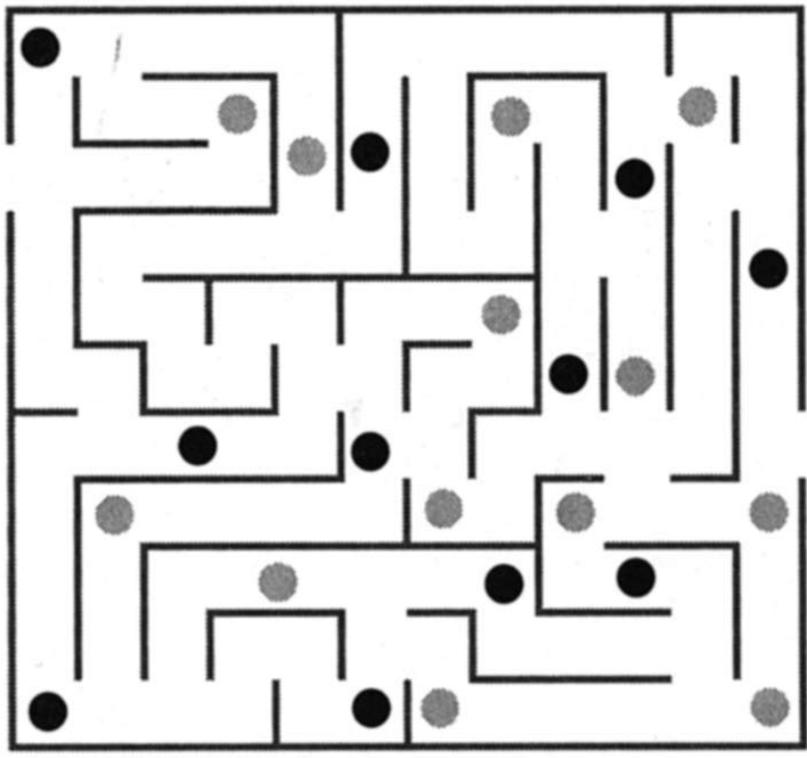
In a Laxigram, you are given two letters of a word - the same letters in each case - and then you fill in the rest from the definitions.

1. In A B C... order
2. Greeting or Acknowledgement
3. Most rich
4. Priceless or irreplaceable
5. Gallant, knightly
6. Not a general practitioner?
7. In an unusual or uncommon manner
8. Team game for six-a-side teams
9. Act of going back or abating

1	A	L								
2		A	L							
3			A	L						
4				A	L					
5					A	L				
6						A	L			
7							A	L		
8								A	L	
9									A	L

**Activity 46**      **Forward and Back**      *(Age no bar)*

Can you find your way from the entrance at top-left through the maze to the exit at bottom-right, passing through black dots only, then come back passing through gray dots only?



When travelling forward, you're looking for a route that avoids gray dots altogether. The route along the bottom of the design initially looks promising, but leads repeatedly into gray dots.

## Activity 47

# Battleship

(Age no bar)

The numbers on the side and bottom of the grid indicate occupied squares or groups of consecutive occupied squares in each row or column.

Can you fill up the grid so that it contains three cruisers, three launches and three buoys in such a way that the numbers make sense?



BUOY

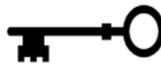
LAUNCH

CRUISER

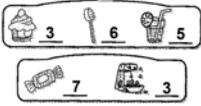
						4
						1 1 1
						2
						5
						1 1 1
						4
1	1	1	6	1	1	
3	1	1		2	1	
	1	1				



The captain says, “If I tell you that there are no buoys in the second row, that gives you an important clue about the alignment of the other vessels, old chap.”



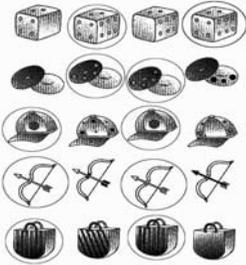
### Activity 1



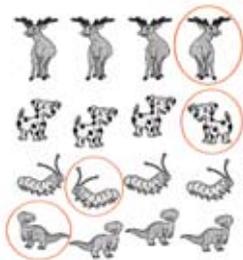
### Activity 2



### Activity 3



### Activity 4



### Activity 5

16	-	12	=	4
-				+
8	+	9	=	17
=				=
8	+	13	=	21

### Activity 6

Umbrella, Car, Blanket, Apron, Ball, Basket

### Activity 7



### Activity 8



### Activity 9

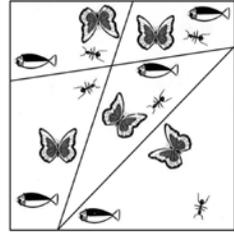


Activity 10 Miss Sheela buys purse A.

### Activity 11

In A, the crow has only one wing.  
In B, some straw is missing from the left foot.  
In C, the patch on the trousers is black.  
In D, the cravat is black.  
In E, the nose is missing.

### Activity 12



### Activity 13

Answers	
a) 9358	f) 8865
b) 94777	g) 24787
c) 7875	h) 14744
d) 42402	i) 840096477
e) 832740	j) 124627

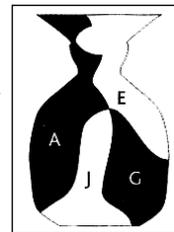
  

8	7	1	7	2	1	8	7	1	3	5	9
5	7	4	6	9	0	0	4	8	8	1	
5	3	7	8	9	0	7	5	8	4	2	1
5	8	8	3	2	7	4	0	6	1	5	9
7	8	4	1	9	0	5	7	4	0	4	1
5	7	4	8	7	1	0	7	5	7	8	2
5	2	1	5	2	8	4	1	7	1	9	3
5	8	0	8	6	4	3	7	1	7	5	8
5	8	5	1	4	5	8	3	2	7	7	2
3	3	8	9	2	3	1	7	8	5	0	3
9	7	3	8	1	4	0	7	5	8	3	1
7	8	1	3	5	8	6	3	9	8	7	1

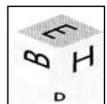
### Activity 14

lion	den	roar
tiger	cave	growl
sheep	pen	bleat
pig	sty	grunt
hen	coop	cluck
horse	stable	neigh
cow	shed	moo
duck	water	quack
dog	kennel	bark

### Activity 15

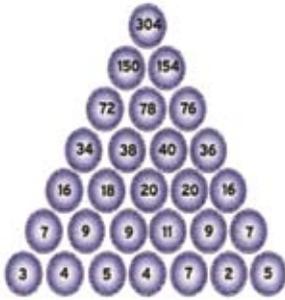


### Activity 16 D





### Activity 17



### Activity 18

HOLI
LOHRI
BIHU
PONGAL
ONAM
DIWALI
JANMASHTAMI
DURGA POOJA
DUSSEHRA
MAKAR SANKRANTI
GANESH CHATURTHI
MAHAVEER JAYANTI
BUDDHA POORNIMA

### Activity 24

Compel, Conman, Humane, Linked, People, Person, Tennis.

### Activity 25

Hermit, Mitten, Tender, Dermal, Mallet, Letter, Terming, Mingles, Lessee, Seeding, Dingus, Usage, Ageless, Lessen, Entire, Tiresome, Somewhat, Whatever, Evermore, Moreover, Overall, Allot, Otter, Termite.

### Activity 19

1=C, 2=D, 3=B, 4=E, 5=A

### Activity 20

M, Me, Men, Mine, Mince, Income, Combine

### Activity 21

- The wise son bought a candle and a box of matches. After lighting the candle, the light filled the entire room.
- The boat moves and up and down with the tide.
- The boy runs halfway across the bridge and turns around. The boy looks like he is running to the island and is sent to the mainland.
- They have eight children.
- The police officer was a man while the doctor and lawyer were women.
- The poison from the punch came from the ice cubes. When the man drank the punch, the ice was fully frozen. Gradually, as the ice cubes melted, the poison was released into the punch.
- Harry Potter, like all other books, has odd-numbered pages on the right. Therefore, pages 15 and 16 are the front and back of a single page, and nothing could have been found between them.

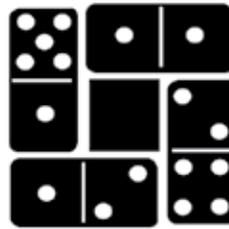
### Activity 22

1. Answer 2. Nation 3. Rioted 4. Defend 5. Tender

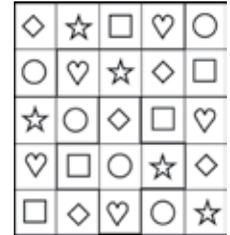
### Activity 23

- Reflection 2. Your breath 3. Eat, Ate
- It's cheaper to take two friends at the same time. In this case, you would only be buying three tickets, whereas if you take the same friend twice you are buying four tickets.
- Keyboard 6. Watermelon 7. Road 8. Clock

### Activity 26



### Activity 27



### Activity 28

There are 15 squares with lines of equal length: ADMO, BCHI, D, E, FGPS, I, KLQS, MNWX, N, P, PRYZ, QRUV, T, X, Z.

### Activity 29

Crosswords, Mastermind, Scarecrow.

### Activity 30

The History student lives in Street 4 (Clue 1) and the Computing student in Street 3 (Clue 4). The student in Street 5 isn't studying Engineering or Psychology (3), so must be studying Languages. Radha lives in Street 2 (4). Rahul, who is studying Engineering (3), lives in Street 1. Radha is studying Psychology. Ravi doesn't study History or Computing (2), so must be the student in Street 5 who is studying Languages. Anitha doesn't live in Street 4 (1), so must live in Street 3. Therefore Ram lives in Street 4. Ravi has an orange bicycle (2). The silver bicycle isn't Ram's (1), Anitha's or Radha's (4), so must be Rahul's. Radha's bicycle isn't red or green (3), so must be purple. Ram's bicycle isn't green (1), so must be red. Anitha's bicycle is green.

Ravi --- Street 5 --- Languages --- Orange  
 Ram --- Street 4 --- History --- Red  
 Anitha --- Street 3 --- Computing --- Green  
 Rahul --- Street 1 --- Engineering --- Silver  
 Radha --- Street 2 --- Psychology --- Purple



### Activity 31

	1	●			●	3	
0	1	2	●	●	2	3	●
			4	3			
1		●			●		1
●		1			●	4	
	2		1	●	●	4	●
	●	1	1			4	
2	2				0	2	●
●			0				3
●	●	1					●
3			2	1			
1	●	●			●	1	0

### Activity 32

Reverse Spin, No one lives forever, Made in China, Vitamin A Deficiency, Beaten Black and Blue, Painless Operation, Like there's no tomorrow, Center of Gravity, Scrambled Eggs, Beat around the Bush.

### Activity 33

Rahul's present is in the breadbox. The note with the right clue is on the cupboard. If it had been on the fridge, the cupboard and the breadbox notes would both have been right. If it had been on the cupboard, the fridge and the breadbox notes would both have been true. If it had been on the oven, the fridge, oven and breadbox notes would all have been true.

### Activity 34

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

### Activity 35

36	22	78	70	30	40	12	13	52
40	94	88	80	16	54	30	77	72
42	74	48	54	76	64	44	68	92
60	56	28	22	98	86	18	22	36
80	69	12	30	48	36	32	62	52
84	78	20	88	24	46	72	50	64
92	38	22	90	66	34	96	34	70
16	24	32	28	50	38	76	18	86
22	46	14	82	94	82	62	26	88

### Activity 36

The cards total 84, so there is no 7. Thus card F isn't a 10 (Clue 2). L isn't a 2 (Clue 2). So the 2 of Spades is either I or K (Clue 1) and B, D, E, G, J and L are all Hearts or Diamonds. The value of card F is 3 higher than that of C (2), so the Ace of Hearts isn't B (3) or D, thus it's E or G. If G is the Ace of Hearts, then E is the 10 of Diamonds (1), I the 2 of Spades, K is a Club and A is the 6. But then C is a 5 (2), F is an 8 and L is the Jack, leaving no value for B (4). Thus the Ace of Hearts is E (3), G is the 10 of Diamonds (1 and Intro), K is the 2 of Spades and C is the 6 of Clubs. F is a 9 (2) and L a Queen. I is a Club, A a Spade, H a Club (3) and F a Spade. I isn't the Jack (4), so I is the 8 and H is the 5 (3). The Jack of Diamonds is D (4), B is the 4 of Hearts, L is a Heart and J a Diamond. The King isn't A (2), so must be J. A is the 3.

3S	4H	6C	JD
AH	9S	10D	5C
8C	KD	2S	QH

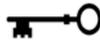
### Activity 37

Remember, the greatest gift is not found in a store nor under a tree, but in the hearts of true friends.

### Activity 38

The student in seat A is not reading a book on History or Biology (Clue 1), Geography or Art (Clue 6), so must be reading a Chemistry book. His / her surname isn't Brown (2). Nor is Brown in seats B, E (2) or C (5). So, he / she must be in D. In clue 1, Brian and Mr. / Ms. Dart are not reading books on History, Biology or Chemistry; so must be Art and / or Geography. Thus Sue's surname isn't Dart (6). Nor is her surname Brown (2), Jones (3) or Fisher (6). So, it must be Holt. Louise's surname isn't Fisher (4), Jones or Brown (5), so it must be Dart. Her book isn't on Art (4), so must be on Geography and Brian's is on Art. Brian isn't surnamed Fisher (4) or (seat D) Brown, so must be Jones. The student is seat A isn't Sue (6) so is surnamed Fisher. The surname of the student with the Biology book isn't Brown (5), so must be Holt, and the one surnamed Brown has the History book and isn't Tina (1), so must be Robert. Tina's surname is Fisher. Sue isn't in seats B or E (2), so must be in C. Brian is thus in E (3) and Louise has seat B.

Seat A	Tina Fisher	Chemistry
Seat B	Louise Dart	Geography
Seat C	Sue Holt	Biology
Seat D	Robert Brown	History
Seat E	Brian Jones	Art



### Activity 39

20	19	18	17	2	3	4
21	15	16	1	35	36	5
22	24	14	33	34	37	6
23	25	32	13	40	38	7
26	31	42	41	12	39	8
30	27	43	49	48	11	9
29	28	44	45	46	47	10

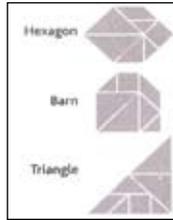
### Activity 45

A	L	P	H	A	B	E	T	I	C
S	A	L	U	T	A	T	I	O	N
W	E	A	L	T	H	I	E	S	T
I	N	V	A	L	U	A	B	L	E
C	H	I	V	A	L	R	O	U	S
S	P	E	C	I	A	L	I	S	T
A	B	N	O	R	M	A	L	L	Y
V	O	L	L	E	Y	B	A	L	L
W	I	T	H	D	R	A	W	A	L

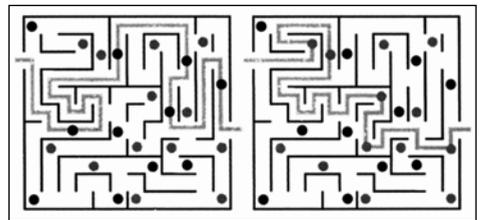
### Activity 40

- 1-3 Gold
- 1-4 Good
- 2-4 Bled
- 2-5 Boot
- 5-3 Toes

### Activity 41



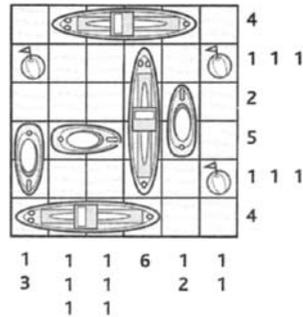
### Activity 46



### Activity 42

Stallone, Seniors, Storms, Maple Leaf, Honesty, Panama Hat, Whimper.  
Quote: A happy man smiles ten times more than he frowns.

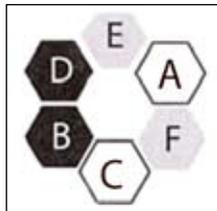
### Activity 47



### Activity 43

Defog, field, file, filed, filer, fire, fired, fled, flier, foil, foiled, fold, folder, fore, forge, forged, fridge, fried, frigid, frog, golf, golfer, grief, life, rifle, rifle, Glorified.

### Activity 44



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