


1. An example of a worksheet generated using “Composite” level of literacy

This is an example of a personalised worksheet provided at a co-curricular event. Approximately 750 students each received a similar, yet unique, personalised worksheet.

Note that this has been reduced in size. The actual worksheet is designed to cover an entire A4 sheet and to be printed landscape.

Note the bold boxes in the coded message section indicating that a Composite literacy level was used to generate this worksheet. The bold boxes alert the student to be careful in choosing which letter or punctuation symbol requires to be used for that character when deciphering their message.

The solution to this worksheet is shown on the next page.

 <p>Boarder Vs Day Girl</p>	<p>Do the maths and use the answers to solve your coded message. Chess requires you to be thoughtful about which piece to move. The code below is designed with this idea in mind. Be careful in choosing the correct letter with the bold-boxed numbers so as to decipher a coherent, correctly spelled question, or, special instruction. Bring your completed sheet along to the Human Chess event to earn House Points.</p>	<p>Name: Kate No. 12 Date: 11-11-2012</p>
<p>Set One</p>	<p>Set Two</p>	<p>Set Three</p>

Multiply numbers by 3 then Add on 7

Square these numbers then Add on 5

Multiply numbers by 7 then Add on 7

9	3	8	1	2	5	12	0	10	6
t	u	s	r	x	.	g	n	p	z

11	5	12	3	2	6	1	9	4	8
h	a	?	w	q	l	y	!	b	v

9	2	10	5	3	1	11	0	4	6
o	,	c	d	j	f	k	e	i	m

126	35		84	30	34	7	21		14	126	30	34		41	7	42		34	70		34	126	7					

35	7	69	7	7	34	35	70	7		70	14		34	126	7		14	70	41	42	35	7	43		77	126	7	31	31

21	70	30	10	42		30	21	70	16	34		7	35	7	7		126	16	7	42	10	7	42		6	7	30	10	31

30	43	70	149		77	70	49	7		77	126	7	7	10		14	70	10		21	70	30	10	42	7	10	31		70	10

42	30	6		43	35	10	41	31	21		84	30	34	7	22														

Your Answer:

2. Composite worksheet solution

When all the maths solutions are determined, the coded message can be deciphered. This example illustrates certain literacy skills are required to successfully determine the hidden message. Students know they will decipher a correctly spelt, coherent sentence. The choice of letters to use for the bold numbers is written above that line to help.

This example also illustrates how The Code Breaker sets out the message. The word "invention" will not fit in the first line, so blank spaces are left.



Do the maths and use the answers to solve your coded message. Chess requires you to be thoughtful about which piece to move.
The code below is designed with this idea in mind. Be careful in choosing the correct letter with the bold-boxed numbers so as to decipher a coherent, correctly spelt question, or, special instruction. Bring your completed sheet along to the Human Chess event to earn House Points.

Name: Kate

No. 12

Date: 11-11-2012

Set One Multiply numbers by 3 then Add on 7

9	3	8	1	2	5	12	0	10	6
34	16	31	10	13	22	43	7	37	25
t	u	s	r	x	.	g	n	p	z

Set Two Square these numbers then Add on 5

11	5	12	3	2	6	1	9	4	8
126	30	149	14	9	41	6	86	21	69
h	a	?	w	q	l	y	!	b	v

Set Three Multiply numbers by 7 then Add on 7

9	2	10	5	3	1	11	0	4	6
70	21	77	42	28	14	84	7	35	49
o	,	c	d	j	f	k	e	i	m

H	i		K	a	t	e	,		W	h	a	t		L	e	d		t	o		t	h	e										
126	35		84	30	34	7	21		14	126	30	34		41	7	42		34	70		34	126	7										

i	n	v	e	n	t	i	o	n		o	f		t	h	e		f	o	l	d	i	n	g		c	h	e	s	s					
35	7	69	7	7	34	35	70	7		70	14		34	126	7		14	70	41	42	35	7	43		77	126	7	31	31					

b	o	a	r	d		a	b	o	u	t		n	i	n	e		h	u	n	d	r	e	d		y	e	a	r	s						
21	70	30	10	42		30	21	70	16	34		7	35	7	7		126	16	7	42	10	7	42		6	7	30	10	31						

a	g	o	?		c	o	m	e		c	h	e	e	r		f	o	r		b	o	a	r	d	e	r	s		o	r						
30	43	70	149		77	70	49	7		77	126	7	7	10		14	70	10		21	70	30	10	42	7	10	31		70	10						

d	a	y		g	i	r	l	s	,		k	a	t	e	.																							
42	30	6		43	35	10	41	31	21		84	30	34	7	22																							

Your Answer:

3. An example of a worksheet generated using “Simple” level of literacy

This is an example of a worksheet generated using one of the Australian History ready-to use messages.

Note that no bold boxes are in the coded message section indicating that each numerical solution has been assigned a unique character. Assuming all the maths is correctly solved by the student, they can then solve their coded message. Note that the application of using the “Simple” level of literacy, will also partially decipher the coded message, as shown.



School and Class details Name: Student: No. 27

Date: 17-12-2012

Set One

Add 5 to these numbers

7	3	11	1	2	9	0	4	8	6
f	.	p	b	w	y	m	r	q	v

Set Two

Subtract 2 from these numbers

26	61	93	43	47	97	66	78	23	15
a	e	!	u	d	i	j	z	k	q

Set Three

Multiply these numbers by 3

8	9	4	11	1	5	6	10	0	12
a	x	f	g	?	o	s	h	.	c

	n				t				l			n					l			t											
24	24		24	41	18	13	9	24	12	95	24	24		12	59	5	24	12	59		24	13	30	12	59	13	59		7	24	18

	n			n					t						l				n												
21	24	15	7	24		24	18		13	30	59		33	15	12	45	59	24		33	95	9	12	0		7	30	15			

										n																				n		
7	24	18		18	30	59		24	24	45		7	30	59	9	59		45	95	45		18	30	59		7	95	24				

	l											l																			
15	12	14	5	16	95	36		33	15	12	45	3																			

Your Answer:
