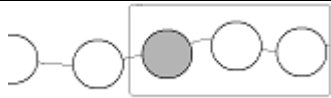
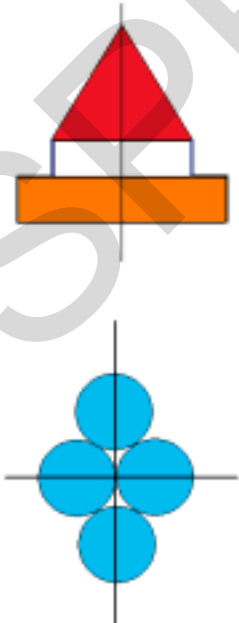


Instructions for teachers marking the internally assessed units

1. All marking **must** be done in **red**.
2. Half marks must not be used.
3. Each mark **must** have a tick on the script as close as possible to point where the mark is scored. Incorrect responses **must** have a cross to indicate that the answer given has been considered.
4. The total mark should be shown on the front cover.
5. The mark scheme is intended as a detailed guide to the likely responses of the candidates. Any correct response not included in the mark scheme but which answers the question should be given credit.
6. If a candidate provides more answers than requested, only the answer in the space should be marked.
7. Samples of marked tests will be required for external validation. All test papers should be retained in secure conditions until the end of the course.

Abbreviations:	oe	or equivalent
	cao	correct answer only
	ft	follow through from their answer

Mark Scheme for Written Test 1				
Q	Answer	Notes	Mark	Total mark
1	a) 5 b) 3		1 1	2
2	B C D A	Award 1 for correct longest (A) or shortest (B).	2	2
3	a) A Black B White C Multi-coloured b) C	Accept equivalent correct descriptions. Award 1 mark for two correct.	2 1	3
4	morning	Ignore spelling mistakes	1	1
5	Hexagon Square Circle Triangle	2 for all 3 correct 1 for 1 correct Accept any unambiguous matching.	2	2
6		cao	1	1
7	a) 10.4 b) 20p	Condone 10.4 ± 0.2 (cm) Allow full follow through from (a). Award 1 for "10" × 2 seen.	1 2	3
8	Angle less than 90° clearly and unambiguously marked	Allow multi-attempts only if all are correct.	1	1
9		Extras count as errors. 1 for each correct.	1 2	3
10	20p 10p 5p 2p	1 for two correct and just one error.	2	2

Mark Scheme for Written Test 1																			
Q	Answer	Notes	Mark	Total mark															
11	a) <table border="1" data-bbox="363 376 778 495"> <thead> <tr> <th>Design</th> <th>Tally</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>//// /</td> <td>6</td> </tr> <tr> <td>B</td> <td>////</td> <td>5</td> </tr> <tr> <td>C</td> <td>//// ///</td> <td>8</td> </tr> <tr> <td>D</td> <td>////</td> <td>5</td> </tr> </tbody> </table> b) C	Design	Tally	Frequency	A	//// /	6	B	////	5	C	//// ///	8	D	////	5	2 marks: Correct frequencies but failure to use “bar and gate” 1 mark: one error and failure as above or 1 mark: At least two correct “bar and gates”. Allow full follow through.	3 1	4
Design	Tally	Frequency																	
A	//// /	6																	
B	////	5																	
C	//// ///	8																	
D	////	5																	
12	$\frac{1}{2}$ or “half” $\frac{1}{4}$ or “quarter”	Be liberal over spelling.	1 1	2															
13	a) 40 b) 35 marked	cao Accept mark closer to 35 than to 30 or 40.	1 1	2															
14		2 marks for two different correct patterns, ignore extra patterns. 1 mark for one different pattern, ignoring extra patterns.	2	2															

Written Paper 1 Total: 30 marks

Assessment grid for Written Test 1

Q	Level 1	Level 2	Level 3	marks	Assessment of Functional Maths
1a	N4			1	0
1b	N3			1	0
2	S7 [2]			2	0
3a	D3 [2]			2	2
3b	D3			1	1
4	S17			1	0
5	S4	S4		2	0
6	S7			1	0
7a		S1		1	0
7b			N9 [2]	2	2
8		S8		1	0
9		S5 [1]	S5 [2]	3	0
10		N21 [1]	N8 [1]	2	2
11a		D1 [3]		3	0
11b			D2	1	0
12		N19 [2]		2	0
13			S14 [2]	2	0
14			S11 [2]	2	0
	10	10	10	30	7
					23%

Mark Scheme for Written Test 2				
Q	Answer	Notes	Mark	Total mark
1	Saturday 11 th marked	Condone "the 11 th " as answer.	1	1
2	a) 5	Allow follow through from (a).	1	2
	b) 2		1	
3	a) London or Stevenage or A1	Condone if clearly indicated on picture. Allow follow through from (a).	1	2
	b) Bedford or A603		1	
4	4 or fourth or four	Be liberal over spelling.	1	1
5	(£)5		1	1
6	a) 21 26	1 for each or 1 if incorrect 5 th is added to 5 to give incorrect 6 th . Need both	2	4
	b) Goes up in fives/5 goes into it/5 added each time/5 times table		1	
	c) (i) 2 and 12 (ii) 1		1	
7	a) 15 b) 45 c) 9 d) 10	1 for 25 - 15	1 1 1 2	5
8	a) 25 b) 5	Allow follow through from (a).	1 1	2
9	2 7	Allow embedded answers.	1 1	2
10	4, 5		1	1

Mark Scheme for Written Test 2				
Q	Answer	Notes	Mark	Total mark
11	7	cao	1	1
12	(£)5 1(p) (£)2	Condone other methods of indication providing they are unambiguous e.g. numbering the pictures 3 2 1.	1	1
13	a) 5 / 5 'o'clock / 1700 b) 45 (minutes) / three quarters of an hour / $\frac{3}{4}$ (hour)	Any commonly used time format – do not condone am but allow pm Be liberal with spelling	1 1	2
14	a) (£)70 b) Earrings	Be liberal with spelling	1 1	2
15		Give 2 marks for a pictogram with 6 and 1 'stickmen'. Give 1 mark for a pictogram with 6 or 1 'stickmen'. Give 1 mark for a pictogram with 12 and 2 'stickmen'.		

Written Paper 2 Total: 30 marks

Assessment grid for Written Test 2

Q	Level 1	Level 2	Level 3	marks	Assessment of Functional Maths
1			D6	1	0
2a	N1			1	0
2b	N3			1	0
3a			S10	1	0
3b			S10	1	0
4a	N2			1	0
5			N19	1	1
6a		N17 [2]		2	2
6b			N17	1	0
6ci	S2			1	1
6cii	S2			1	1
7a			D2	1	0
7b			D2	1	0
7c	N12			1	0
7d			D2 [1] N9 [1]	2	1
8a		S14		1	0
8b		S14		1	0
9	N15 [2]			2	0
10	N16			1	0
11		N15		1	0
12	S12			1	1
13a		S18		1	0
13b			S19	1	0
14a		D4		1	0
14b		D4		1	0
15		D2 [2]		2	0
	10	10	10	30	7
					23%

Practical Task				
Q	Answer	Notes	Mark	Total mark
1	a) Rectangle drawn	cao	1	3
	b) 4 sides and 4 corners	cao	2	
2	a) 6	cao	1	2
	b) 7	cao	1	
3	a) a total of eight squares shaded	Each diagram must have a different arrangement with an area of 8 squares .Accept rotations, reflections, half squares.	1	3
	b) a total of eight squares shaded in each diagram		2	
4	a) coins sorted into two groups	Each group must have an accurate description of the contents, eg silver/bronze circular/straight sides cao	1	4
	b) two relevant descriptions		2	
	c) 92p		1	
5	£2.60(p)		1	1
6	40 × 4	Both marks if unit correct, one mark if digits 160 or 1.6 seen, but no units.	1	2
	= £1.60 (p)		1	

Practical Task				
Q	Answer	Notes	Mark	Total mark
7	a) Mill Lane	Accept incorrect spelling.	1	2
	b) East	cao	1	
8	a) 323	cao		3
	b) 48	cao		
	c) 396	cao		

Practical Task Total: 20 marks

Assessment grid for Practical Test

Q	Level 1	Level 2	Level 3	marks	Assessment of Functional Maths
1a	S3 [1]			1	0
1b		S3 [2]		2	0
2a	N1 [1]			1	0
2b	N6 [1]			1	0
3a		N19 [1]		1	0
3b		N20 [2]		2	0
4a	N21 [1]			1	1
4b	N21 [2]			2	2
4c			N23 [1]	1	0
5			N21 [1]	1	0
6			N22 [2]	2	2
7a			S8 [1]	1	0
7b			S9 [1]	1	0
8a		N9 [1]		1	0
8b		N9 [1]		1	0
8c			N9 [1]	1	0
	6	7	7	20	5
					25%

Aural Task				
Question	Answer	Notes	Mark	Total Mark
Section A				
1	6		1	1
2	Rectangle	Allow cuboid	1	1
3	5		1	1
4	5		1	1
5	Counters divided either by colour or by shape.	Markers signature given to confirm answer.	1	1
6	Shows a repeating pattern. It must have at least 2 repeats.	Markers signature given to confirm answer.	1	1
7	5		1	1
8	6 or 7	Accept 6.5	1	1
Section B				
9		Vertical line drawn on shape.	1	1
10	11		1	1
11	Forty six	Must be in words not figures.	1	1
12	22		1	1
13	8		1	1
14	7	Accept seven	1	1
15	£2.15(p)	Do not accept 215p	1	1
16	£2.90(p)	Accept 290p	1	1
17	54, 64, 74		1	1
18	Add ten		1	1
19	120		1	1
20	July		1	1

Aural Task Total: 20 marks

Assessment grid for Aural Test

Q	Level 1	Level 2	Level 3	marks	Assessment of Functional Maths
1	N1			1	0
2	S4			1	0
3	N12			1	1
4	N1			1	0
5	S4			1	1
6	S7			1	0
7	N1			1	0
8	N1			1	0
9		S5		1	0
10		N5		1	0
11		N10		1	0
12		N21		1	1
13		N16		1	0
14			S21	1	0
15			N23	1	0
16			N23	1	0
17		N17		1	0
18			N17	1	0
19			S20	1	0
20			S21	1	0
	8	6	6	20	3
					15%